HowToGAMIT XVI

How To Get Around MIT
1984–85 School Year

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How To Get Around MIT

Edition 16
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TECHNOLOGY  COMMUNITY

ASSOCIATION

ON THE FOURTH FLOOR OF THE STUDENT CENTER
Ext. 3-4885 Room W20-450

TCA is a student organization serving the MIT Community in many ways. Our services range from MIT's record-setting Bloodmobiles to our year-round Book Exchange. In addition to putting out *HowToGAMIT*, we put together the *Freshman Picturebook*, provide facilities and expertise for silk-screening, and organize the Bus to Stop & Shop each Saturday. If you want to find out more about these and our other activities and how much you can help, come to one of our open meetings or leave your name with our office secretary. We'd love to have you working with us at TCA!

BLOOD DRIVES • UNICEF CHRISTMAS CARDS
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TICKET SERVICE • THANKSGIVING BUS
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About This Book . . .

HowToGAMIT is written and distributed by the Technology Community Association (TCA) as an introductory handbook for all new members of the MIT community and as a quick reference guide to MIT and the Boston area. Although TCA is primarily a student organization, employees, faculty, and other members of the MIT community all work on the book to make it as up-to-date and useful as possible. If you would like to help with next year's edition, or have updated and improved information, please send us a feedback sheet. Feedback sheets are attached in the back of the book.

The text is organized into four sections. *Help!!* is a guide for those having difficulties of virtually any type. *All About MIT* is exactly that: academia, paying your tuition ($10300 is TDM), housing options, and student activities. *In and Around Boston* tells you how to get from here to there as well as where to eat, where to shop, and where to go once you're there. Finally, *etc.* are odds and ends that don't really fit in anywhere else — like the MIT Drinking Song and a guide to Bostonian and MIT phraseology, as well as a list of all the building names, their architects and their corresponding numbers (for all you trivia buffs).

On behalf of everyone involved with **HowToGAMIT,** the editor-in-chief would like to thank Glenn Curtis for his help in finding a publisher, Janet Snover for her help in finding a typesetter, and especially the editors and assistant editors who constantly surprised and impressed me with some of the outstanding work they did.

If you ask me to name the proudest distinction of Americans, I would choose — because it contains all the others — the fact that they were the people who created the phrase "to **make** *money."*

— Ayn Rand



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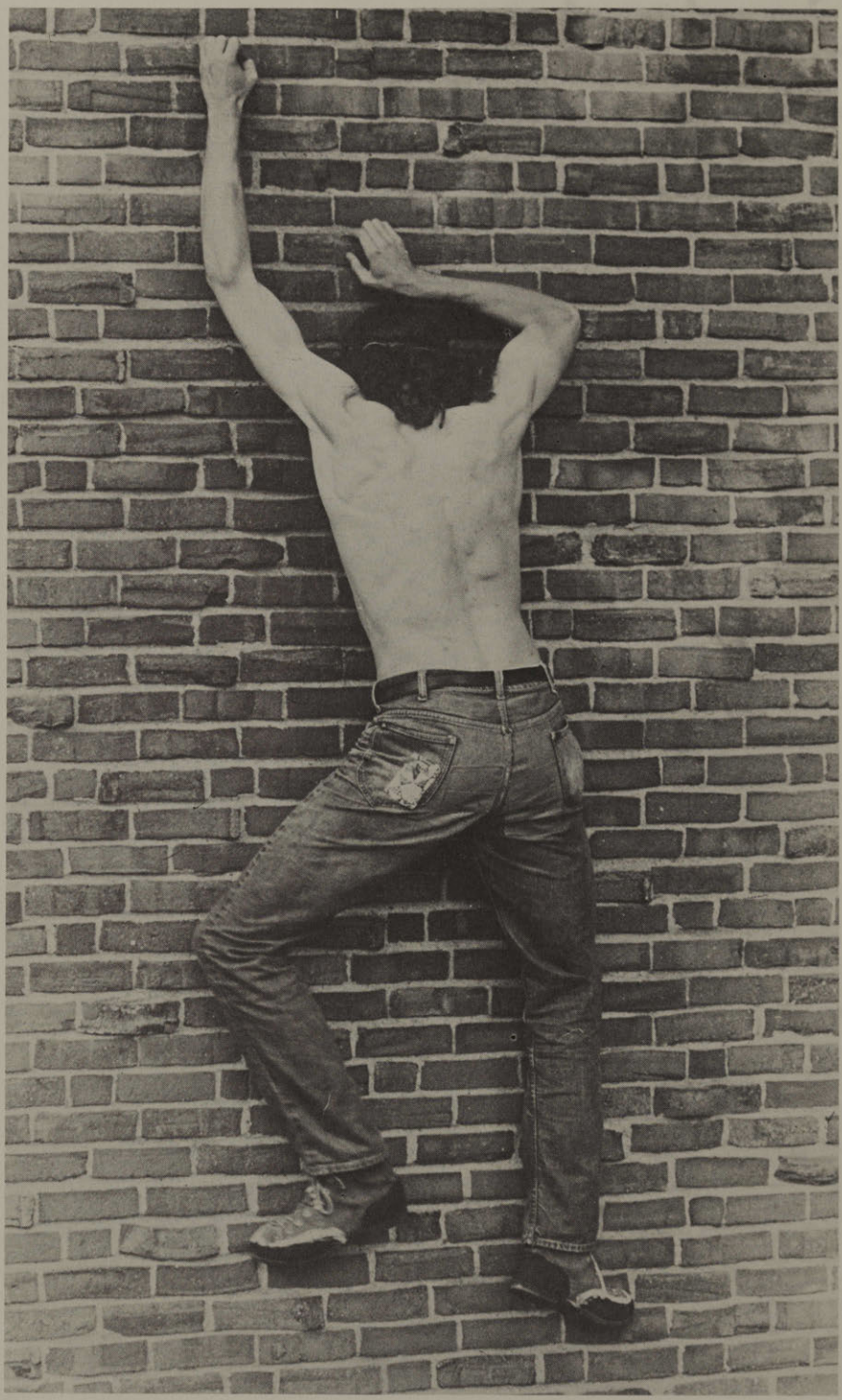
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Emergency Information

FIRE, MEDICAL, POLICE

Call x100 or dl100 for emergency medical or police service. Medical care after office hours is available at the Medical Department (E23). Ambulance Service is available from Campus Police 24 hours a day. If you are not in the dormline/Centrex system, dial 911 for help.

PHYSICIAN, SURGEON, PSYCHIATRIST

The Medical Department (Building E23, x3-1311 or x3-4481) always has a physician, a surgeon, and a psychiatrist on call. The psychiatrist especially can be consulted in confidence about anything from home troubles to a bad trip.

ARREST

If you are arrested, call Campus Police (253-2997, or x3-2297. Lest you forget, the number is on the back of your ID card). In nearly all cases, Campus Police will help you seek release from custody on personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty — ask for a "continuance." (Campus Police will explain this and more when you call.)

DEAN ON CALL

There is always a dean on call, even after office hours. To reach him or her for any reason call Campus Police (253-1212, or dl8191) and ask for the Dean on Call.

MONEY

During Office Hours

Undergrads: Go to the Financial Aid Office (5-119, x3-4971) to request a loan (which may be approved within a few minutes). Then go to the Student Accounts Office (E19-215, x3-4133, open 9-5), and finally to the Cashier's Office (10-180, open 9-3).

Alternatively, you can start at the Dean's Office (5-106, x3-4861 or 7-133, x3-6776).

Grads: You can get an advance on your fellowship money if necessary; go to the Graduate Student Office (3-136, x3-4860). If you are not on fellowship or need a loan, use the procedure described above for undergraduates.

After Hours

Contact the Dean-on-Call (see above), who can clear you for money from the Campus Police emergency fund. If you're off campus the money may even be wired to you.

PHYSICAL PLANT

Call x3-4948 (F-IXIT) anytime for problems, from electrical failure to floods.

Help!

Sometimes the Institute can seem to be a pretty cold place, especially when things aren't going well and you're looking for a place to turn for help. Fortunately MIT takes its responsibility to provide support services very seriously, which means there are lots of safety nets around if you know where to look for them.

Don't be afraid to ask! Often the hardest step in solving your problem is just asking for help. If the first contact doesn't get you what you want, try someone else. There are lots of places to go and people to talk to when you need someone with a listening ear or with a little power to help you with your hassle. Besides the resources below don't forget about your advisor, housemaster, tutor, or an instructor you trust as sources of advice. Department heads are a valuable resource for graduate students.

Office of the Dean for Student Affairs

The Office of the Dean for Student Affairs (ODSA) is actually composed of several offices. If you have a problem or are faced with a serious question, or even a small one, the ODSA is a good place to go. The deans have an extensive knowledge of both the Institute and student problems. All of the deans are willing to talk with students; that's their job. They can direct you to helping resources, relay comments or complaints to the appropriate people, or initiate a look into (and sometimes change of) established policies in your behalf. Although the staff of each section works primarily in its respective area, feel free to talk to any of them. It is likely, though, that you will get greater satisfaction from a dean whose duties or interests match your problem.

The Dean's Office is concerned with the student's living and learning environment. It represents the interests and welfare of students and is concerned with the growth of students both as individuals and as members of the academic community. It is the purpose of the Dean's Office to support and to complement the academic program at MIT.

At present, the Dean's Office is composed of three principal sections with these subsections:

1. Undergraduate Academic Support Office; Dean Holly Heine:
Freshman Advising
Undergraduate Seminars
Undesignated Sophomore Advising
Support to the Committee on Academic Performance
Academic Information Center
Registrar Branch Office and Registration Information Center
Independent Activities Period Office
MIT/Wellesley Exchange Information

2. Student Assistance Services; Dean Robert Randolph:
Student Counseling
International Students Office
Support to Minority Students
Support to Women Students
Support to Handicapped Students

3. Residence and Campus Activities; Dean Robert Sherwood:
Institute Dining Programs
Undergraduate and Graduate Housing
Student Activities Information
Scheduling for Kresge, Chapel, Student Center

A more detailed description of each of these sections follows.

Undergraduate Academic Support Office;

Room 7-104; x3-6771

The UASO was primarily founded as a freshman advising office, but it hopes that in later years upperclassmen can think back and remember that this is where they can still get help as upperclassmen. This office supports the academic advisors which are assigned to freshmen and undesignated sophomores from the entire faculty and to upperclassmen with designated majors from their respective department's faculty. It also serves as an information center and registrar branch office for all undergrads. It has most of the forms and fact-sheets that you will ever need. And if they aren't there, the staff will certainly know where to get them. The UASO says its policy is "removing the Institute screw," but don't always expect miracles. Also, if you have a problem with a member of the faculty or administration, don't automatically assume that the UASO will take your side (though it usually will). At least one dean believes her function is to inform students of the administration's viewpoints and not to be an advocate.

This office also handles the Undergraduate Seminar Program. Seminars often have more applicants than they can accept, so advance registration is recommended. A booklet is published twice a year noting the coming term's seminars.

The Office also performs other functions, such as publishing a freshman newsletter and acting as an advisor for freshman class projects. Formerly it handled the pre-professional advising, but this is now part of the Career Planning and Placement Office (12-170; x3-4733). (See **Academics** for a longer description.)

The UASO can accept materials which need to be delivered to the registrar's office, which means that add/drop cards and registration material can be delivered here on the deadlines and be considered on time. The people here know the answers to most registration-type questions, so you can save yourself a trip across campus by stopping in here.

The UASO also sponsors several programs a year to help students improve their study skills. If you feel that you might benefit from one of these seminars (or would like to lead one) contact Barbara Chuck in this office.

The IAP/Wellesley Exchange section of this office (7-108, x3-1668) can help you with information on either of these topics.

All generalizations are false, including this one.

— Mark Twain

Student Assistance Services; Room 5-106; x3-4861

The staff in SAS assist both undergrad and grad students with a wide range of issues. The principal function of the office is to provide individual personal counseling services. This office is better equipped and designed to solve continuing or major problems, whereas the UASO is designed for short problems and quick solutions. International students, women, minority groups and handicapped students also receive special assistance from this division of the Dean's office for programs and ideas especially concerned with their respective groups.

Students can call or visit the *Student Counseling* service (5-106, x3-4861) to talk about their questions, plans, or problems. Be it academic, administrative, career, financial, family, residential, social, legal, or personal, the people in this service are interested in hearing from you. The staff of this office maintains close working relations with the psychiatric service (Read the *Psychiatrists* section in this chapter before you make any pre-judged decisions about psychiatry.) and with Nightline, the student-run help program (also described in this chapter).

The counseling staff handles withdrawals, readmissions, light academic loads, and excused absences from final examinations. Students are often referred to the counseling staff by their instructors, advisors, housemasters, and fellow students. Because the counseling staff meets with the Committee on Academic Performance and has a cooperative relationship with the many Institute Offices, including Student Financial Aid, Student Accounts, Registrar, and the Medical Department, many students find it helpful to discuss issues involving these groups with the counselors.

Student Assistance has special concerns for handicapped students, for minority students, for women students, and for international students. *Handicapped students* should contact Linda Vaughn in the Dean's Office (5-196, x3-4861) to help implement special arrangements which may be necessary to overcome barriers in the environment. Each case is given individual attention and concern. A brochure, *Services for the Disabled Student at MIT* (also available in large print and on cassette) is available in this office.

The SAS endeavors to enrich the social and educational experiences of *minority students* by providing assistance in organizing social and cultural events and special interest groups as well as by providing individual and group counseling and other support services. The goal is to foster awareness of racial, ethnic, and cultural diversity throughout the Institute, to increase positive social encounters between students and faculty, and to assist students in their learning and living experience.

This section also supports the academic and personal well-being of *women students* by developing and coordinating specific programs and by responding to the concerns of individual undergraduate and graduate women students. Its goal is to help ensure that the MIT environment will be supportive of women students and attractive to prospective women students.

The *International Students Office* (5-122, x3-3795) helps to coordinate programs and activities, provides support to various international student organizations, assists international students in matters relating to their immigration status, and provides

support for the Host Family program, voluntarily run by the MIT Women's League. International students should consult with a member of the staff before taking any action which may affect their status in the United States. Formerly Foreign Study was also handled through this office, but it has now been moved to Career Planning and Placement (12-170, x3-4737).

The International Students Office also supports orientation activities for graduate international students. In addition to the support provided by this office, Ms. Charlotte Schwartz, sociologist in the Medical Department (E23-376, x3-2916) will be glad to provide assistance or information to international students.

I think the world is ready for the story of an ugly duckling, who grew up to remain an ugly duckling, and lived happily ever after.

— Chuck

Residence and Campus Activities; Room 7-133; x3-4051 (also Room W20-345, x3-7974)

MIT's residence program tries to create a living space that facilitates personal and social growth while supporting academic progress. The policies and facilities are made in the spirit of providing housing of high quality. They encourage responsibility and constructive social behavior. Government (and therefore rules) within the very broad latitudes set by Institute policy.)

The staff in the residence division of the Dean's Office administers Institute housing policy and coordinates the residential programs. They make dormitory assignments, handle room switches, and decide rent changes and adjustments. They also provide support (and some funding) to the faculty housemasters and graduate student tutors. They work with residential government groups on programs, problems, and issues of concern to the students.

The Dean's Office provides counsel to individual students on housing availability and options. There is great diversity in lifestyle and rules among the different dorms, and the Residence Office can be useful in matching a student to a dorm with his or her particular interests or needs. It also handles the Institute Dining Program and supports the independent living groups.

This section of the Dean's Office also provides support to the undergraduate and graduate student governments as well as to a wide spectrum of extracurricular activities. If you have ideas for a new student activity, this is the office to get in touch with for help in getting it started. The Dean's Office recognizes the importance and value of student-initiated programs, activities, and student-run organizations: they provide a wide variety of experiences which supplement academic learning. They also provide opportunities for recreation, leadership, and types of learning that could never be found in a classroom.

This office also handles facilities scheduling for Kresge Auditorium, the Chapel, the Student Center, and Walker Memorial. Information about activities formation, location, space, and budgeting are also available here. Working with the Campus Police, this office assists campus residents and group leaders with parking requests.

The error of youth is to believe that intelligence is a substitute for experience, while the error of age is to believe that experience is a substitute for intelligence.

— Lyman Bryson

Other Counseling Resources

Psychiatrists

The Institute psychiatrists (E23-376, x3-2916) are very good people to talk with. Whether you have problems (*any* problems), opinions on some subject, an idea you want to run up a flagpole or just want to see what makes them tick, invite one to your living group for dinner or go see them.

There are about twelve doctors on the staff, and as with the deans, it's OK to ask for a particular clinician if you know him or her. The wait is generally 7-10 days from the time you make the appointment. If you really need to talk to someone immediately, you can usually find a psychiatrist to see you the same day you call, but you must make it clear to the receptionist that you need to see someone urgently.

Most of the people who consult the psychiatric staff are psychologically indistinguishable from the general MIT population, and can *in no way* be classified as sick or disturbed. If some problem is bothering you, even if it is identical with those that everyone else faces, don't hesitate to visit the psychiatric staff. They can keep small difficulties from becoming larger or merely facilitate the solving of problems you could have solved yourself. Any stigma attached to visiting them is entirely your own creation.

Psychiatric records are kept separate from all others, including regular Medical Department records. The psychiatrist cannot legally discuss you with anyone outside the staff unless you sign a release; even then you can specify the type of information to be released. The system is designed to maintain confidentiality. Only the psychiatric staff can use them; not Paul Gray, not the FBI, not the CIA, not *anybody* else. This system protects patient and doctor alike.

If for any reason you don't hit it off with one psychiatrist, you can switch without apology or explanation. Nobody will ask any questions.

A psychiatrist is on call 24 hours a day through the MIT Medical Department (Building E23, x3-1311 or x3-4481). See **Emergency Information.**

If you would like some kind of long-term counseling, and MIT Psychiatry does not suit your needs, they can provide you with a list of off-campus possibilities covering a range of cost options. (If you have MIT outside hospitalization insurance, it will cover at least part of the cost of seeing someone off-campus.) One of the possibilities which has a good reputation and is reasonably close to campus is the outpatient psychiatric department of Cambridge Hospital (1493 Cambridge St. — near Inman Square, 498-1150). Call them, and they will set up an evaluation appointment for you. Sometimes talking to someone with a non-MIT point of view can do wonders.

Charlie Brown: Why was I put on this earth?
Linus: To make others happy.
Charlie Brown: Why were others put on this earth?

Religious Counselors

Religious Counselors are warm and friendly people who can help you view your problems from a different angle. A number of faiths maintain full-time clergymen on campus at the Religious Counselors' building (W2a, 312 Memorial Dr.) Adherents to other faiths can usually find clergy in the Boston Area. See **Religion** in the **Groups** chapter for more information.

The following religious groups maintain clergy on campus:

Christian Science (part-time)	Reita Donaldson	x3-2327
Episcopalian	Scott Paradise	x3-2983
Jewish	Dan Shevitz	x3-2982
Lutheran (part-time)	Susan Thomas	x3-2325
Roman Catholic	Robert O'Donnell	x3-2981
United Ministry (part-time)	Larry A. Hill	x3-2327
Vedanta Society (part-time)	Swami Sarvagatanda	x3-2327
Black Christian Fellowship	Rudy Featherstone	

Social Workers

Mrs. Jacqueline Buck, Mrs. Myra Rodrigues, and Mr. Ron Fleming (E23-344, x3-4911), social workers in residence, are good at mobilizing and integrating the resources available for solving problems concerning interpersonal relations. They can suggest and contact agencies that provide money for major expenses, pregnancy counseling, or advice on dealing with runaways. They specialize in helping foreing students (and their families) adjust to living in the United States.

If God did not exist, it would have been necessary to invent him.

— Voltaire

Nightline; x3-7840

Nightline is the only student-run help service on campus. It operates every night from 7 pm to 7 am. You can call Nightline at 253-7840. (From a dormline dial 2-3-7840.) Nightline is also a drop-in center located on the bottom floor of Ashdown. Enter from outside on the side facing McCormick. Just ring the doorbell to be let in.

Nightline is both a counseling and an information service. If you're having problems with academics or your roommate; if you need information concerning birth control or drop date; or if you just need someone to talk to, give a call or visit. *All phone calls and visits to Nightline are strictly confidential.*

Nightline is staffed exclusively by MIT students; each night there will be at least one female and one male staffer on duty. The staff members are volunteers, and they are *not* professionals — thus, Nightline is not a substitute for other counseling services on campus but rather a supplementary service for students who may need someone to talk with when these other outlets are inaccessible or inappropriate.

If you feel that you might be interested in becoming one of the Nightline staff, give them a call or stop by.

Youth is wholly experimental.

— Robert Louis Stevenson

General

In addition to the services mentioned in this chapter, don't overlook your personal support network — tutors or housemasters in your living group (that's what they're paid for!), fraternity brothers, a coach or professor you trust. People are usually a lot more willing to listen than you might imagine — many of them may have been through the same thing.

Also, the secretaries in many of the offices around the Institute know a tremendous amount about MIT. By speaking with one of them first, you will probably save yourself a lot of running around.

Don't let anyone kid you, MIT is run by secretaries.

— Anonymous

Self-Help

The MIT lifestyle can be extraordinarily stressful, and it's easy to be overwhelmed sometimes. Often when you are struggling with a worry or difficulty, you may feel it is too trivial to talk it over with one of the people mentioned in this chapter. Although none of the counseling resources mentioned will consider *any* problem too unimportant to talk with them about, sometimes it can still be difficult to make that first phone call or appointment.

It's important to know when a problem is probably serious enough, you can talk with someone about it and not just wrestle with it on your own. As a general rule, the time to consider seeking help is when (or before!) your problem is beginning to interfere with everyday functioning. Are you skipping classes and having serious trouble concentrating? Has there been a big change in your eating or sleeping patterns? Are you feeling so low or down that you're having trouble getting out of bed in the morning, or finding it difficult to get excited about activities and accomplishments you used to find stimulating? If any of these things sound like you, *talk to someone.* You may not be able to handle the problem on your own. In any case you would probably feel a great deal better if you could just share the burden with someone. Reach out before things get any worse.

However, if you're the type of person who would feel better trying to work things out on your own (or while you're struggling with the decision of who to turn to), the following suggestions may help:

1. Try taking a mini-vacation from MIT: a bus trip out to Wellesley, an afternoon to the Aquarium or a museum, a weekend away if you can manage it. If you're under a lot of stress, your first reaction to time off is probably "I can't afford the time!" But sometimes you can't afford not to. If you return refreshed, you may get more work done in the long run. If you can't get *physically* away, try letting yourself do something for fun that you've been putting off for a while. Read a book that's not related to your work, or really *enjoy* one of the magazines that have been piling up on your desk. Hang a "do not disturb" sign on your door and take a nap. Buy all the ingredients for a favorite dish and cook it for yourself.

2. Try to do some exercise. If you're feeling down, it can be really hard to motivate yourself to do this, but it can work wonders. Run, dance, swim, ride a bike into nowhere.

3. Make a list of ten good things about yourself. Force yourself to put ten things down, even if it's "I had perfect attendance in eighth grade" or "my eyes are a nice shade of brown." For one week, add three more things to the list every night before you go to bed.

4. Try starting a journal. Write things in it that you can't tell anyone. Start as many sentences as you can with "I feel. . . ." Make a point to write in it every couple of days.

5. Do something nice for someone else. Write to a past high school or MIT instructor and tell them how much their class meant to you. Send someone you love flowers or a nice card for no special reason. Cut a clipping from the newspaper that you think would be of interest to someone you haven't seen in a while and drop it to them in the mail. Buy a friend's favorite flavor of ice cream and hide it in their freezer with a note. Give a friend a compliment.

If it feels good, consider doing some kind of volunteer work. Be a Big Brother or Sister or help out a shelter for homeless people.

6. Buy a joke book. Read out of it every day until you get one good belly laugh. Before the next day's reading, tell the joke that make you crack up to someone else.

7. Do something childish once in a while. Find a playground and swing on a swing. Go shopping in a toy store. Buy a box of 64 crayons and a pad of white paper. Blow soap bubbles.

8. Spend some time thinking about the long-term priorities of your life. Try to get a little closer to deciding what you want to be and what you want to accomplish with your living. Buy a copy of R.N. Bolles *What color is your parachute?;* or talk with your friends or someone in the Career Planning and Placement Office (12-170, x3-4737) about your strengths. Try to include some of the things that will move you closer to your long-range goals in your life.

The sooner that your difficulty is intercepted, the less damage it will do to your social and academic life — and your mental health. If none of these suggestions really seems to help, consider turning to one of the other resources in this chapter.

Drugs

Although many people do go through MIT without being exposed to it, there is some drug activity at MIT, and for some people this will be the first contact with it. If you have a problem within your living group, see someone in confidential authority there, like a graduate tutor. Often a word or two in the right ear will solve the problem. By all means, if the problem persists, go through official channels — both the Campus Police and the Dean's Office can help without causing problems.

If your interest is more speculative, two words of advice:

1. *Don't* assume the Campus Police will protect you from the Cambridge authorities. Contrary to common opinion, there is no "buffer zone" between students and the outside world.

2. Don't force anything. See what the scene is like before getting involved.

On a personal level, the Dean's Office (5-106, x3-4861) offers completely confidential drug counseling. To supplement its services, the Science Library maintains technical reports on drug safety while the Campus Police (W31, x3-1212) is always available to answer legal questions. *Straight Talk About Drugs on Campus* is available from CP's.

Adverse Reactions: In an emergency call the Infirmary at x3-4485 — the psychiatrist on call will go over if possible. Campus Police will also provide help (restraint, transportation, reassurance) if called. The Dean-on-Call (reached through the Campus Police) or Nightline are other resources if you just need to talk. *In any case, make sure the person in trouble is never left alone — being so may cost his/her life.* For most cases, overnight care may be given at the infirmary without formal hospitalization.

Addiction: Don't worry about legal penalties; the addiction is penalty enough. See someone in the Dean's Office of Psychiatry and break the habit. Remember that psychiatric records are completely confidential.

Sex

Two of the best sources of written information are *Human Relationships: A Sexual Perspective,* published by the MIT Medical Department (E23, x3-4481) and free from them or from the UASO (7-104), and *Our Bodies, Ourselves,* available at almost any bookstore. The cover of *Our Bodies, Ourselves* says it is "written by and for women," but, although it says it was written for women, it is recommended for anyone. Also, the Medical Department has several pamphlets dealing with special topics. Stop by and browse.

Pregnancy

If you have even the slightest suspicion that you are pregnant, get a pregnancy test immediately. (Urine tests are free from the MIT Medical Department and many Boylston St, Boston clinics.) Prompt action will save you trouble later. If you decide to abort, the procedure is safer and cheaper earlier; if you decide to carry to term, early care will help your child later. *You gain nothing from just worrying.* Call the MIT Medical Department or a clinic (see the Yellow Pages) and refer to *Our Bodies, Ourselves* for further information.

If you are pregnant, you still have options. You can chose to keep the child, put it in foster care (e.g. with a relative until you are out of school), give the child up for adoption, or have an abortion.

Abortion

Abortion is a procedure which terminates pregnancy. If done during the first trimester the actual procedure is very brief and can be performed as an outpatient procedure.

Never opt for an illegal abortion — unless you like playing Russian Roulette with five cylinders loaded. The Supreme Court decision legalizing abortion during the first six months of pregnancy has eliminated the last shred of justification for illegal abortions. The social workers and Planned Parenthood (99 Bishop Allen Drive, Cambridge, 492-0777) can direct you to good legal abortion centers.

Birth Control

Anybody connected with MIT can obtain contraceptive information and prescriptions from the Medical Department regardless of age or marital status. As always, such matters are confidential between the patient and the physician.

Venereal Disease

VD is presently at or near epidemic levels throughout much of the US. It is curable *if treated early*. If you suspect you have it, contact the Medical Department and get checked; lab tests are quick and accurate. If you do have it, tell *all* of your partners and have them tested. Remember, VD is often without early symptoms in the female though it can have serious consequences for both sexes even years later.

Counseling

Planned Parenthood, physicians, psychiatrists, psychologists, social workers, and a clinical sociologist as well as clinics, religious counselors, and social service groups can be useful for helping you make your decisions. MIT has three social workers in residence. (see **Social Workers.**) The social workers and the Dean's Office can be particularly helpful in dealing with monetary problems.

Rape

Go immediately to a safe location and call the Campus Police (253-1212, or 100 from any Institute phone) or a friend for transportation to a medical facility. The Campus Police have 3 female officers trained in rape crisis available at all times — just ask. It is important to go to a hospital for treatment of injuries and tests for VD and pregnancy. Hospitals do not routinely report the crime of rape to the police. Reporting is your choice and your responsibility.

If you are going to press charges, it is important not to wash, change clothing or straighten up anything before calling the police or going to the hospital. If you decide not to go to the police immediately, write down everything about the assault you can remember. Keep these details in case you change your mind.

Harassment

"Some of the people in my dorm refuse to stop making crude and tasteless racial jokes in my presence. They recently pulled a few hacks which embarrassed and humiliated me. I am fed up with their brand of humor!"

"One of my professors propositioned me. Even though I told him that I'm not interested, he keeps hinting around that it may make a difference in my grade."

"I make no secret of my homosexual preferences, and I don't try to impose my beliefs on others. However, my frankness has made me the target of all kinds of abuse and insults. I've had to move out of my dorm. . . ."

If you are being unreasonably bothered by any person or group of people, **tell someone.** You do not have to just suffer silently and put up with or ignore such behavior. The Institute has a very strict policy on harassment, which is defined as "verbal or physical

conduct which has the intent or effect of unreasonably interfering with an individual's educational and/or work performance at MIT, or creating an intimidating, hostile or offensive educational or work environment on or off campus." The *intent* or *effect* is important because if someone is hurting you, even if they don't mean to, they should be made aware of it and stopped.

If you can't get the offensive behavior to stop on your own, speak with someone at the Institute about it. In addition to any of the resources mentioned in the **Counseling** section of this chapter, you might like to talk to one of the Special Assistants to the President: Mary Rowe (Room 10-213, x3-5921) or Clarence Williams (10-211, x3-5446), who are great to talk to and will take your problem very seriously.

If you would like more information before you talk to someone, pick up the brochure **Tell Someone** (available from the UASO, room 7-104) or look up *harassment* in the index of the MIT Course Catalog.

You see things and say "Why?" But I dream of things that never were and I say "Why not?"

— George Bernard Shaw



Law

EMERGENCY — DIAL 100

on any Institute phone

There are two basic sections in this chapter, Institute Law and Outside Law. On campus one must deal with student committees, the campus police, the Dean's Office, and various official MIT administrative groups. Each has its own area and purpose. Outside, one is at the mercy of many levels of government and law enforcement.

Institute Law

At present the Institute functions under a system of common law. Academic cheating and plagiarism are major offenses. Theft, careless risk of causing harm to persons and misuse of Institute property are as unacceptable as in any other community. Willful harm to persons (see **Harassment**) or destruction of property are very serious offenses. If you are interested in making a complaint against someone, there are several kinds of disciplinary action which can be taken, as outlined below.

Judicial Committees

Most of the living groups have a house judicial committee known as JudComm. This group generally deals with disputes or complaints among the residents of a living group. The Interfraternity Conference (IFC) has a JudComm to deal with matters of concern among the fraternities; and the Dormitory Council itself also has a JudComm. Go to a member of JudComm if you're concerned about a problem in your living group.

Deans' Office (5-106, x-3-4861)

Members of the Dean for Student Affairs Office staff are available to help mediate disputes or hold hearings for matters which do not need to be brought to the attention of the Committee on Discipline. It's a good idea to talk with a Dean if you are involved in a problem and are not sure how it should be handled.

Go not to the elves for counsel, for they will say both yes and no.

— John Ronald Reuel Tolkein

The Committee on Discipline

The Committee on Discipline (composed of both faculty members and students) is the main body at MIT that deals with Institute law. It handles complaints against students from faculty members, MIT employees, and other students. No person making a complaint against another may sit on the Committee. The procedures of the Committee on Discipline are given in the "Statement of Disciplinary Committee Procedures" available from the Dean's Office.

The sanctions available to the Committee include a reprimand, probation (with or without notation on the student's record) and suspension or expulsion in extreme cases. (The last two must be recommended to the President, who makes the final decision.)

Every effort is made to protect both the rights of the student accused and of the parties bringing the complaint.

The COD may choose to notify interested persons upon implementation of a decision and whether any information will appear on a student's transcript.

Campus Police (W31, x3-1212, x3-2997, dl 8191)

Campus Police policy is to keep peace and not necessarily to make sure that evil gets punished. They can be consulted unofficially. If you get in trouble either on campus or off, give the Campus Police a call. They will contact the Institute lawyers if you need them.

Lawsuit — A machine which you go in as a pig and come out as a sausage.

—Ambrose Bierce

Notes for the Accused

You'll be notified by the Dean's Office telling you of what you're accused and by whom. You should consult the Dean's Office, which will tell you to find a counselor and inform you of the procedure. You can also contact any member of the Committee on Discipline directly.

NOTE: The publication **Policies and Procedures** states, "If a student's infraction involves him or her both in Institute judicial proceedings and in court proceedings, and if an Institute decision might prejudice his or her court case, the Institute will usually hold its decision in abeyance until after the court proceedings have reached a conclusive point."

. . . MIT was right to discipline you. If you students are to become successful servants of international corporations, you must learn to mind your manners.

— Letter to Thursday

Privacy and Files

You have the right to review Institute files about you, except those assembled before November 19, 1974, in which the author has been assured of confidentiality. You also have the right to challenge the contents. The school cannot release information about you to outside people (including parents and employers) without your consent. However, information given to the Information Office for use in publication of the Student Directory can be given out to anyone who asks.

Information in your advisor's file is considered confidential, but not legally so. Medical records — physical and mental — are legally private.

The Faculty Committee on Privacy is currently reviewing MIT's policies and is responsible for dealing with violations.

The laws of thermodynamics:
1. *You can't win*
2. *You can't break even*
3. *You can't get out of the game.*

— Dwight Batteau, "Stupidtheorems"

Outside Law

Outside the Institute you have to worry about various government types. You can receive information about city laws from the agency involved, simply by phoning and explaining what you need to know (Cambridge City Hall, 498-9000; Boston City Hall, 725-4000). The Dewey Library at MIT (E53) maintains an up-to-date copy of the state's legal code. You can also inquire about law by phone through Consumer Affairs at 727-7780. Their specialties are tenant and consumer problems, but will refer you to proper agencies to handle any troubles.

Arrest

If you are arrested, call Campus Police (253-2997 — lest you forget, the number is on the back of your ID card). In nearly all cases, Campus Police will help the student in seeking release from custody on the student's personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty — just ask for a "continuance." (Campus Police will explain all this and more if you call.)

Alcohol

It is illegal in Massachusetts for anyone under twenty years of age to purchase alcohol, or to receive it from anyone other than a guardian. It is also illegal to falsely represent one's age in order to obtain alcohol. Large fines are imposed by the Commonwealth for violating the above. (also, see **Automobile Problems**)

Automobile Problems

If a policeman picks you up for driving while under the influence of alcohol, it is important to know your rights. **If you are at all confused, call the Campus Police** (253-2997 — number of your ID card) to ask for advice.

When accused, you have the option of taking a breath test. If you decide not to take the test your license will automatically be revoked for 90 days. If it is your first offense, the Campus Police strongly suggests that you take the test. Even if convicted, a first offender almost always faces the option of going through an alcohol rehabilitation program (which upon completion leaves you without a record) accompanied by a 30-day revocation of license.

If an automobile dealer fails to service your car under the terms of its warranty, complain to the Massachusetts Attorney General (Consumer Protection Division, 727-8400).

False Fire Alarms

Persons turning in false fire alarms from anywhere, including dormitories, are liable for up to a $500 fine. Several years ago, a fireman was killed answering a false alarm here. **Don't do it.**

Guns

The possession of any type of firearm (including air pistols and air rifles) in Massachusetts is strictly regulated. Failure to have a Firearms Identification Card (FID) or a License to Carry will result in a mandatory one-year imprisonment for the first offense and 5 years for the second. Furthermore, possession of a firearm on the grounds of a college or university without specific authorization from the particular school carries a penalty of $1000 fine and/or one year imprisonment. **Get those permits immediately!** For details call the Rangemaster (x3-3296).

Legal Problems/Legal Aid

Call the Dean's Office 5-106, x3-4861), or Campus Police (x3-1212, dl 8191). They will either help you directly or refer you to the appropriate people. Greater Boston Legal Aid Services (367-2880) will help you get in contact with the right people to help you. Conversation with the Dean's Office is confidential.

Patents, Copyrights

If you think you have a patentable invention/discovery, contact the Patent, Copyright & Licensing Office (E19-722, x3-6966) for information on the Institute's policies and procedures and the requirements and regulations of the US Patent & Trademark Office.

This office will also provide information on the laws and procedures for copyright including the Institute's policies with respect to copyrighting of student theses.

Regarding the idea itself, you should talk with someone in your field (the Patent Administration Office can recommend someone) about the possible existence of previous patents similar to yours. The whole procedure is extremely complex, but the rewards of having a patent of your own make a preliminary investigation worthwhile.

All men, by nature, desire knowledge.

— Aristotle

Nighttime Safety

MIT is an urban school!

There have been cases of armed robbery, rape and assault on campus. A few years ago, two MIT students hitchhiking on the Harvard Bridge were robbed. One was brutally murdered while the other was "luckier" — he was only in critical condition for several weeks. More recently, there have been many muggings in the Main Street/Kendall Square area and along Memorial Drive. Don't ever carry large sums of money alone, especially after dark. Avoid unlit or isolated areas such as Briggs Field or even the parking garages. On returning to campus from outlying communities, give some

thought to well-lit routes. Wherever you go after dark, try to have a few friends with you if possible. The Campus Police will escort late-working students and employees from main buildings to dorms or parking lots at night, if requested (x3-1212, dl 8191). When in doubt, **call them.** It's not worth the risk. The Campus Police have a wide variety of crime prevention & safety information available from their Crime Prevention Unit. Stop by anytime.

Registration & Voting

To register go to the Election Commission of the city where you live: Cambridge Election Commission, 362 Green St., one block west of Central Square (498-9057); Boston City Hall, Government Center (725-4000). Also the student government has occasionally sponsored registration drives; look for announcements.

Freshman Rules, 1928

The Massachusetts Institute of Technology is interested not only in turning out trained engineers, but makes every endeavor to develop in its students those attributes of character that distinguish the well rounded and educated man from the merely technically trained engineer.

Development of Technology spirit, of a real pride in the position of our school in the collegiate world and the formation of lasting friendships, is fostered as much as possible by the undergraduates.

In order to create the necessary interest in Technology among the entering class and to familiarize them with its traditions, the following Freshman Rules are presented to it for its information and guidance:

1. All Freshmen should wear regulation ties, four-in-hand, with cardinal and gray stripes. These should be worn when on Institute grounds from the day classes begin until the beginning of Junior Week. These ties are to be sold on registration day by the Freshman Rules Committee, and after that by the Coop.

2. Freshmen are expected to speak to all members of the faculty and to tip their hats to the president of the Institute and the Dean.

3. Freshmen are expected to say "Hello" to all students they meet on the Institute grounds.

4. Freshmen should not loiter around the Main Lobby, or sit on benches in the Lobby. If the Freshmen win Field Day, this restriction shall be abandoned.

5. Administration of the above rules shall be delegated to a Freshman Rules Committee which shall consist of the vice president of the Institute Committee as ex-officio chairman; two Juniors, one of whom shall be the president of the Junior Class; four Sophomores, one of whom shall be the president of the Sophomore Class; two Freshmen section leaders. The Junior and three Sophomores shall be appointed by the vice-president of the Institute Committee, the presidents of the Sophomore and Junior classes subject to the ratification of the Institute Committee.

6. When an upper-classman or a Freshman sees another Freshman violate the above rules, he shall immediately inform the Freshman Rules Committee, by dropping a card or a slip of paper in an institute mail box, stating the rule violated, and the date of the violation. When four violations have been reported against one Freshman, he shall be sent a summons to appear before the committee.

7. Enforcement of the rules is at the discretion of the Freshman Rules Committee.

These rules have been adopted for the purpose of bringing about a more congenial spirit at the Institute, and of fostering interest in Technology among the entering class. Consequently, the rules do not include measures which are merely for the purpose of humiliating the first year men.

The end of the Freshmen rules regime at Tech comes early in the spring at which time there is held a big rally of the Freshman class. A tree is planted to commemorate the occasion and then a huge snake-dance is formed by the entire class and they wind slowly by a large bonfire, each one throwing his necktie into the flames. Thus ends the Freshman rules and no longer need the Freshmen fear the upperclassmen.

— MIT Handbook, 1928


ACME

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MIT Geography

The MIT campus is quite compact and often confusing to navigate, with tunnels, passageways and cleverly-hidden hallways. If you're new to the place you could try walking around and getting lost once or twice just to get the hang of it, or you could get an overview by taking an Information Office tour. Tours are given at 10 am and 2 pm. For details, call the Office (7-121, x3-4795).

For the official explanation of the room and building numbering system, see the map on the next page.

Doors

The doors to the following buildings are always unlocked: 7, 8, 16, 39, and Student Center. Doors are usually kept open until 11 pm in buildings 13, 14, 24, 56, Kresge and the chapel.

Bathrooms

A few guidelines for finding a bathroom quickly:
On the main corridor, lavatories are stacked vertically, men's above women's and vice versa. They normally occur at the junction of two buildings, for instance 3-101, which is a women's room.

In the other main buildings, a similar situation applies, with bathrooms occurring at the ends of buildings or just before (or after) a corner. Example 1-101 is a men's room.

In the newer buildings, men's and women's rooms are usually close together and either centrally or peripherally located. The notable exception is Building 14 with men's rooms at the western end, women's rooms at the eastern end, and none on the first floor.

Check the corridors for water fountains. Where there is a fountain, a bathroom can't be far away.

Vending Machines

If you have problems with a vending machine or need a refund, call their answering service at x3-5858. If you have problems with a Coke machine, call Sal Lauricella (x3-2707).

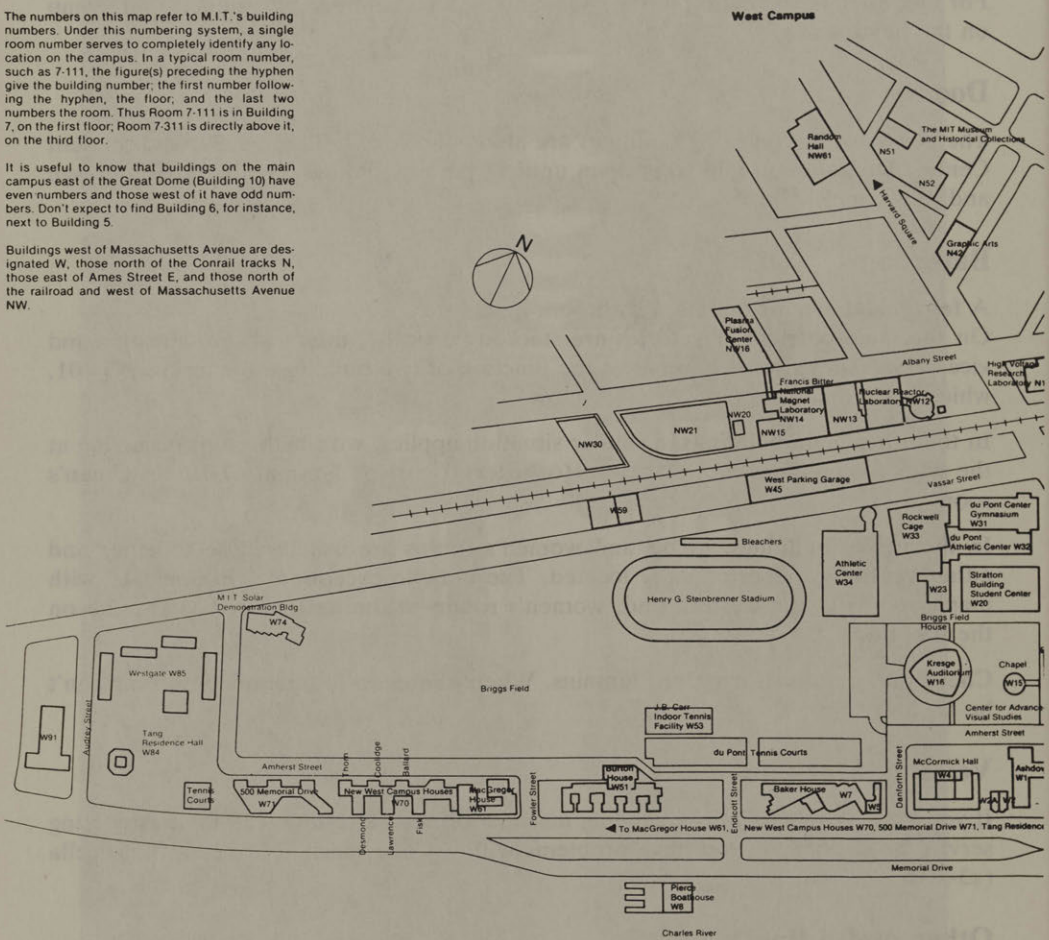
Other useful tips

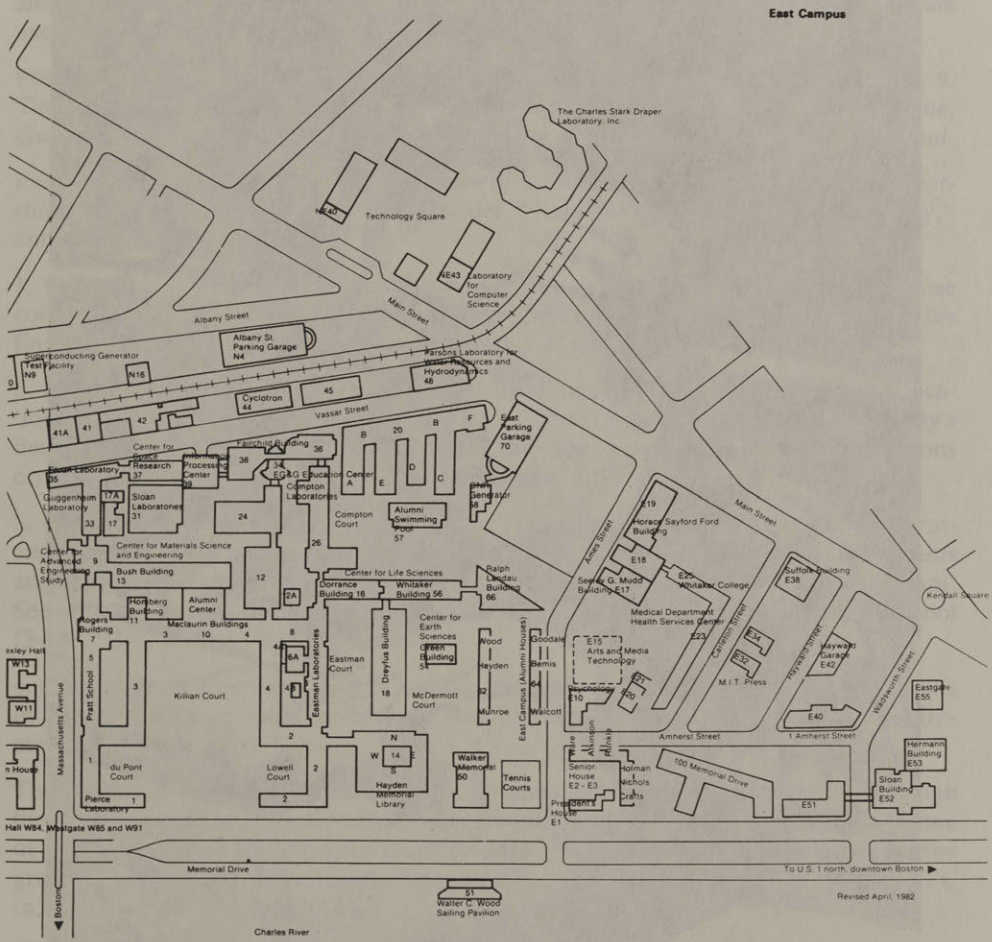
Tunnels exist between buildings 14 and 18, 18 and 54, 54 and 56, and the parallels of East Campus. Basements otherwise connect where two buildings meet. They can be handy in bad weather or to avoid "rush hour traffic." Be careful of floor changes — in going from one building to the next, a ramp or a few steps may mean you've gone up or down a floor. The Infinite Corridor traffic (buildings 7-3-10-4-8) can be bypassed on 2nd, 3rd or basement levels. It may be more convenient, depending on your destination, to walk through Killian Court, or along the street outside building 13.

The numbers on this map refer to M.I.T.'s building numbers. Under this numbering system, a single room number serves to completely identify any location on the campus. In a typical room number, such as 7-111, the figure(s) preceding the hyphen give the building number; the first number following the hyphen, the floor; and the last two numbers the room. Thus Room 7-111 is in Building 7, on the first floor; Room 7-311 is directly above it, on the third floor.

It is useful to know that buildings on the main campus east of the Great Dome (Building 10) have even numbers and those west of it have odd numbers. Don't expect to find Building 6, for instance, next to Building 5.

Buildings west of Massachusetts Avenue are designated W, those north of the Conrail tracks N, those east of Ames Street E, and those north of the railroad and west of Massachusetts Avenue NW.




East Campus
The Charles Stark Draper Laboratory, Inc.
NE40
Technology Square
NE43 Laboratory for Computer Science
Albany Street
Main Street
Albany St Parking Garage N4
Superconducting Generator Test Facility N9
N16
Parsons Laboratory for Water Resources and Hydrodynamics 48
Cyclotron 44
45
Vassar Street
41A
41
42
East Parking Garage 70
Center for Space Research 37
Fairchild Building 36
Francis Bitter National Magnet Laboratory 38
34
EG&G Educational Center A
Compton Laboratories
Guggenheim Laboratory 33
17A
Sloan Laboratories 31
17
24
Compton Court
Alumni Swimming Pool 57
Power Generator 56
Center for Materials Science and Engineering
Center for Advanced Engineering Study
9
Bush Building 13
12
26
Center for Life Sciences
Ralph Landau Building 66
Dorrance Building 16
Whitaker Building 56
2A
Hornberg Building 11
Alumni Center
Maclaurin Buildings 3 10 4
Rogers Building 7
8
6A
6B
Eastman Laboratories
Eastman Court
Dreyfus Building 18
Center for Earth Sciences
Green Building 54
Wood
Hayden
52
Munroe
East Campus (Alumni Houses)
Goodale
Bemis
64
Walcott
E15 Arts and Media Technology
Psychology E10
E51
E60
M.I.T. Press
Amherst Street
1 Amherst Street
E40
Hayward Garage E42
Wadsworth Street
Eastgate E55
Hermann Building E53
Sloan Building E52
E51
100 Memorial Drive
Senior House E2 - E3
Holman
Nichols
Crafts
Ames Street
E19
Horace Sayford Ford Building
E18
Sidney G. Mudd Building E17
E23 Whitaker College
Medical Department Health Services Center
Clarendon Street
E34
E32
Suffolk Building E38
Kendall Square
Massachusetts Avenue
Pratt School
Killian Court
Lowell Court
du Pont Court
Pierce Laboratory
Hayden Memorial Library
N
W
E
S
14
Walker Memorial 50
Tennis Courts
Memorial Drive
To U.S. 1 north, downtown Boston
51
Walter C. Wood Sailing Pavilion
Charles River
Revised April, 1982


ROYAL

Academics

Why stop now, just when I'm hating it?

— Marvin the Paranoid Android

This chapter attempts to provide answers to a variety of questions dealing with Institute academics. Information is organized into nine sections: **Advisors, Registration and Course Selection, Credit, Grades, Finals, Special Opportunities, Problems, Graduation and Degrees,** and **After Graduation.**

For more information, use the cross-reference to MIT Publications in **Appendix 9.** The most helpful publications include the *Freshman Handbook, The MIT Catalogue, Guide for Undergraduates and Faculty Counselors,* and *The Graduate School Manual.*

Faculty committees make many decisions on academic policy. Committee membership lists are available in the Catalog under "Standing Committees of the Faculty," and can be obtained at 4-237.

1. **Committee on Academic Performance** (CAP) handles most petitions, including those concerning pass/fail, dropping a course after the drop date, retroactive deadlines for finishing incompletes, and decisions on academic warnings. (7-101, x3-4164)

2. **Committee on Educational Policy** (CEP) examines and formulates general educational policy, sponsors educational experiments, and coordinates much of the faculty's business. It is chaired by the chairman of the faculty and makes recommendations on most things the faculty votes on; it is strongly influential. (4-237, x3-1706)

3. **Committee on Graduate School Policy** (CGSP) is concerned with academic performance, degree candidacies, fellowships and scholarships, etc. It is composed of students and representatives of the graduate committee from each department and program. See your department representative or the Office of the Dean of the Graduate School (3-136, x3-1776) for more information.

4. **Committee on Curricula** (COC) handles requests for exemptions and substitutions in general Institute requirements. It also handles proposals for changing requirements. (E19-341, x3-4781)

These committees are always looking for potential active student members. Although these committees require a very serious commitment, being on one of them is one of the best ways of leaving your mark on MIT. Student members are chosen by the graduate and undergraduate student governments. For more information call the GSC (x3-2195) or the UA (x3-2696).

Getting an education from MIT is like trying to get a drink of water from a fire hose.

— Anonymous

If at first you do succeed, try to hide your astonishment.

— LA Times

Advisors

Freshman Advisors

Freshman Advisors can help you with many of your problems during your first year at MIT. Get to know your advisor. This may be the only faculty member you get to know during your first year here.

Freshman Associate Advisors

Associate Advisors are upperclassmen who have volunteered their time to help advise freshmen in conjunction with faculty advisors. If you're interested in becoming an associate advisor, talk to someone in the UASO.

Faculty Advisors

All freshmen who designate a major at the end of the first year will be assigned an advisor during the first week of the sophomore year. If you know a particular faculty member in your department, you can request him or her for an advisor.

Your faculty advisor can be very helpful. Remember: He is your link to your department and to the faculty committees (CAP, etc.). If you are not doing well, his recommendation is very influential.

Changing Advisors

If you're having trouble with your advisor or have met another member of the faculty you would like to have as your advisor, you can change advisors. It is usually not too difficult. Talk to the people in the **Undergraduate Academic Support Office** (7-104). They are very helpful.

We are here because we are not all here.

— sign in a mental institution

Registration and Course Selection

Registration

Registration material can be picked up in Lobby 10 on certain pre-announced dates. Spring term registration forms are given out in early December, fall term forms in early May. If you miss the scheduled dates, you can get the material at the Registrar's Office (E19-335).

You *must* return the forms on time, even if the information is incomplete; you can always make changes on Registration Day.

Important: The Registrar will send you notification of your registration status periodically throughout the term (more or less after Reg Day and before Add and Drop Dates). Check these carefully and be sure to have them corrected immediately if necessary. Be sure to keep a copy of **everything** you can whenever you deal with these people, especially end-of-term grade reports. The Registrar's computer has been known to "forget" you registered for a 24-unit lab, etc. Don't count on the experience of others to prepare you for what may come — this office is also very innovative.

Registration, Changing

To add or drop a subject before the applicable dealine, submit a correction card ("drop card") to the Registrar's Office (E19-335) or the Undergraduate Academic Support office (7-104). Cards are available at Undergraduate Academic Support office (7-104), the Information Office (7-121), and some departmental offices; deans and advisors can sometimes supply them. The card needs your advisor's signature. If you are adding a course after the first week, you also need the instructor's signature. A course dropped within the first five weeks of the term will be entirely erased from your records; a drop after five weeks will appear on the internal transcript.

Keep in mind that some faculty members consider a drop after the fifth week to be automatic proof that you were failing the course at the time.

After Drop Date (eleven weeks from the start of the term), you must petition the Committee on Academic Performance if you want to drop a subject. The CAP has outlined adequate reasons for dropping a subject late as unforeseen circumstances beyond the student's control. The fact that you are failing, by itself, is not enough to get you off the hook. As a whole the committee is very strict about drop date, but exceptions have been made in the past; check with Steve Patterson (7-101) to see what your chances are.

Note: If you have an exam on drop date don't wait until the next week to see your score and then petition to drop the course.

No rule is so general, which admits not some exception.

— Robert Burton

Credit

Advanced Standing

Getting credit for course material you already know is not difficult. For many subjects all that is needed is a passing grade on an Advanced Standing exam; for others, additional work may be required. See the instructor and your advisor for details. Incoming students should contact the Admissions Office (3-108, x3-4791).

Tests are offered in February, May, September, October, and December. You must file a petition with the Registrar three weeks before the exam period begins and get the course instructor's approval. Freshmen are graded pass/fail; upperclassmen are given letter grades. A freshman failing a September exam will not have a fail recorded on the permanent transcript. Advanced standing exam grades are never computed into your cum.

If you are considering advance-placing a course, *don't* register for it — not even as a listener. Registration in a subject automatically makes you ineligible to take the Advanced Standing exam; this disqualification is independent of whether or not you remained registered or actually did attend classes.

Grad students seeking advance-placement credit generally make informal arrangements with the instructor and department rather than take an exam. Most departments allow you to use some subjects taken at other schools to fulfill graduate degree course requirements or the minor requirement.

Listening

There are two ways to sit in on a subject: the first is getting permission to sit in on a class and learn informally; the second is registering officially to listen to a class. If you do register to listen, you will not be allowed to advance-place the course later on. For the summer term or whenever you pay tuition on a per-unit basis, the listening rates are the same as for regular students' tuition. It is possible to change status to a regular student during the term (up to the add date). See your advisor for the necessary paperwork. See us if you can figure out a good reason to be a listener.

If you're not going to listen, just go to sleep quietly.

— D.P.D.

Transferring Credit

It is possible to receive MIT credit for work done at other institutions. If an exact MIT equivalent exists, fill out a Request for Additional Credit form and get the MIT instructor's approval; you will receive your credit with a recorded grade of "S." If you want a real letter grade, consider taking an advance-placement test rather than transferring in the credit. (Make sure you look at the MIT problem sets and exams first!)

If no equivalent exists here, see the most closely related MIT department. Any questions about the granting of credit should be directed to the Director of Advanced Placement in the Admissions Office.

Graduate level subjects completed satisfactorily at other universities may be accepted toward requirements for an advanced degree but do not contribute to the residency requirement. If the subject has an MIT equivalent, submit an Additional Credit sheet; if not, you must petition. Courses previously taken by a Special Student may be used later in partial fulfillment of requirements for a graduate degree. In either case, the Registration Officer should indicate the amount of (A) or other credit accepted.

Credit for UROP

First, you need to arrange with a faculty supervisor such details as the nature of the project and the number of units to be awarded. Next, you need to compose a Letter of Intent and have it signed by your supervisor and submitted to the UROP coordinator in your faculty supervisor's department.
Register for UROP credit as you would for any class. If you want to receive pass/fail credit, register for the UR subject number (e.g., 1 U.R., 2 U.R.). If you wish to receive a grade, register under the suitable subject number for undergraduate research (e.g., 7.90, 17.901, etc.). A UROP may be added after Add Date if it really starts after Add Date. And don't forget to remind your faculty supervisor to submit a grade at the end of the term — if your research isn't finished, a grade of "J" may be awarded to indicate satisfactory research activity continuing beyond one semester.

Credit for IAP

You are generally limited to six units of credit for IAP although you can receive twelve units for a course if you get the appropriate department head's approval. Anything else requires a petition to the COC or CGSP. The freshman credit limit does not apply to IAP credit.

Getting credit requires making arrangements with the instructor prior to starting work, since regular registration procedures do not apply.

All work done for credit under a special problem number is graded pass/fail. However, if a regular subject is offered in intensive form, letter grades may be given.

It's a good thing we only have 8 terms at the Institute. We only have 9 lives you know.
— Thursday

Grades

Incompletes

Incompletes must be completed by the end of the fifth week of the succeeding term, unless the instructor explicitly grants you an extension (which at most extends to the last day of classes of that term). Any further extension requires the approval of the CAP, and then only in special circumstances (for instance, if the lab equipment you need is not available during the appropriate term). If you withdraw from MIT upon receiving the Incomplete, talk to the CAP about when to make it up; if the Incomplete requires scarce MIT equipment, remember that you are not officially allowed to use such equipment when not registered, and that the CAP may find reason to bar you from making up the Incomplete when you come back.

Incompletes not completed remain Incompletes; they are not computed into your cum. *However,* they are often treated by graduate schools as "F"s. Departments may also count them as "F"s when reviewing student records and making recommendations to the CAP.

It is a good idea to ask your professor ahead of time for an Incomplete (but don't ask if you haven't already done two thirds of the course work), explain the reasons for it, and tell him when you plan to finish the subject. (If he is not going to give you an Incomplete, it is better to know before the term ends.) Many professors will go out of their way to be accommodating, even to the point of calling you up to see if you are still working on the Incomplete; others will screw you to the wall.

The work load at MIT is like an ideal gas. It expands to fill any available space and it can be compressed into a very small area — but the pressure increases.
— Art Mellor

Changing Grades

Subjects: :If you feel a grade is unfair, talk to the instructor. The CAP is willing to act as an intermediary in case of disagreements but cannot override his decision. The instructor must fill out a Special Report Sheet and send it to the Registrar before the grade change can officially take place. All such changes, including making up I's and OX's, must be done before you get your degree.

Course work: Problem sets, quizzes and exams are often marked to TA's or graders. If you have any questions about the accuracy of a mark, ask the grader; if you cannot resolve the problem with him, talk with the instructor. Normally he/she will be quite willing to look at your side of it.

Pass/Fail

Pass/fail grading is generally available only to freshmen, to students in Concourse, ESG, or UROP programs, and to juniors and seniors exercising their pass-fail option (see below). An instructor may petition the COC to have his entire subject made pass/fail but cannot allow individual students to take the course pass/fail unless one of the above options applies to them.

Freshmen will receive only pass/no-credit grading on their transcripts, but their hidden grades from the second term will be sent to their sophomore advisors on a separate sheet. (Be aware that the Math, Physics, and Chemistry departments keep records of how first-term freshmen do on quizzes, problem sets, etc.; the math department has been known to use such records in evaluating potential calculus tutors.)

The junior-senior option allows the student to designate two subjects pass/fail in his last four terms. The subjects cannot be Institute or departmental requirements, but more than one per term may be taken. (See **Registration, Changing** for rules and regulations regarding deadlines.)

Transcripts

The Registrar's Office will make copies of your transcript for $2.00 each. Keep in mind that it will take a while to get them prepared. Payment can be made at the Cashier's Office (10-180) or at the Bursar's Office (E19-225). Requests for transcripts must be made by the student in writing; no request from a graduate school or anyone else is honored without the student's approval.

It is not enough to have a good mind. The main thing is to use it well.

— Descartes

Finals

Schedules

Final exam schedules come out in midterm, and are available at the UASO. If you have conflicting finals, follow the instructions on the Conflict Form on the back of the schedule.

Regulations to Ease End-of-Term Pressure

In a course with a final exam, no written exams may be given for 8 days before finals start. In courses without finals, no more than one written exam of not over one class period (or 1½ hours, whichever is shorter) in length may be given during this time. If an instructor schedules an exam which is in conflict with the above rules, speak to him or to Steve Patterson (7-101).

No term papers are allowed to have due dates during finals week. If your instructor decides to "be nice" and extends a paper's due date to finals week, the extension might disappear if the CAP finds out about it.

Finding Finals

Call the UASO (7-104, x3-6771) if you forgot (or never found out) where your final is supposed to be. They will know the correct room number for different sections. If you will be more than 45 minutes late, you must get permission from the DSA (5-106, x3-4861) to enter the exam room.

Inability to Take a Final

Undergrads: Go to the SAS Office (beforehand if possible) and explain the circumstances which prevent your taking the exam (a personal visit is strongly preferred to a phone call). If your reason is accepted, and the instructor has issued an "O" (absent from final or last two weeks of class with passing work up to that time), the Dean's Office will issue a grade of OX. It is *your* responsibility to make up the final.

Note: If you are sick be sure to go to the Medical Department before the exam. If your reason is not accepted, the O remains as such on your record — it is equivalent to an F and is averaged into your GPA.

A postponed final is normally taken early in the next semester. This means that if you missed a second-term final, you must retain all of your knowledge of the course through the summer and part of the fall term. So it might be better to take the final on time if you are not too sick. Be realistic about your capabilities though, because if you do badly it is nearly impossible to have the grade changed.

This exam is intended to be instructive. Consequently, it is sometimes the case that part of the problem is to figure out what the problem is.

— Directions for 6.034 exam

Caution: If you had been doing failing work throughout much of the term, the instructor still has the right to give you an F instead of an O.

Grads: Go to your instructor and talk to him/her. Also, you can check with the Graduate Office (3-136, x3-4869).

If you have a tendency to go to pieces or otherwise fail to perform maximally on finals, talk with your instructor beforehand; afterwards plead for an incomplete.

My problem is that I'm so busy that I don't have time to learn.

— Lon Rayburn

Special Opportunities

Cross Registration at Harvard, Undergraduate

Once restricted to juniors and seniors with cums of 4.0 or better, cross-registration at Harvard is now open to all MIT students. Freshmen, however, are restricted to foreign language courses not offered at MIT (such as Arabic or Japanese). Generally, you cannot take an MIT-equivalent subject at Harvard unless you have a serious schedule conflict between the equivalent MIT course and another MIT course. See Ms. Ruth Spear (14N-409, x3-4441) for Harvard catalog listings and other information. You can also check with the Harvard University Information Center at Holyoke Center in Harvard Square.

Harvard's deadline for registration falls shortly after MIT's registration day, and the calendar is different from MIT's; first term finals are in January, and second term finals are in late May, often after MIT's finals. Be sure you will be around during their finals week.

Cross Registration at Wellesley, Undergraduate

Mary Enterline is the MIT coordinator for the exchange. In her office (7-108, x3-1668) you will find the *Wellesley-MIT Exchange Guide,* cross registration applications, bus schedules, Wellesley catalogs, course evaluations by MIT students, and more. Fall term applications are accepted in May; spring term applications are accepted in January. Late applications are frowned upon but may be accepted if the course isn't overcrowded. It is easy to switch subjects just before the term starts if you change your mind and want to take a different one. Information about the exchange is also posted on the exchange bulletin board near the Admissions Office.

The cross registration bus schedule is based on a combination of MIT and Wellesley class schedules. Be sure to allow enough time for transportation between classes.

For information about fulfilling Institute requirements with Wellesley courses see the MIT faculty coordinators listed in the *Exchange Guide.* Information about course prerequisites, the meaning of "limited enrollment," or anything else can be gotten from the Wellesley instructor. To call Wellesley dial x187 + the Wellesley extension. For extension information call x187-2387.

For more information see **Wellesley** in **Appendix 3.**

Cross-Registration, Graduate

MIT has cross-registration programs with the following schools:

School	*MIT Coordinator*
Harvard	Dean Hanham 20D-204, x3-3450
Wellesley	Mary Enterline 7-108, x3-1668
Woods Hole Oceanographic Institution	Biology; Ocean Eng.; Earth, Atmospheric and Planetary Sciences
Brandeis (Social Welfare)	Prof. John Howard x3-7333, x3-4408
Tufts (Dental School)	Nutrition and Food Science
Boston University (African Studies)	Economics and Political Science

Most of these programs are very limited (e.g. with Brandeis only course XI grad students may cross register), but don't let these qualifications stop you. Build a good case for yourself, convince your advisor of its merit, and you at least have a chance. With perseverence and careful planning, things can go the way you want them to. More information is available in the Graduate Student Manual and from your registration officer.

If I should not be learning now, when should I be?

— Lacydes

Domestic Year Away

You can spend a year studying at another college in the United States provided that certain conditions are met. The school you want to attend must accept you and be

of "established merit," and your department must certify that the school has unique resources unavailable at MIT, Wellesley, or Harvard. Your program of study there should involve a workload comparable to MIT's, and its objectives must be consistent with your overall MIT degree program. You won't have to reapply to MIT to get back in.

Financial aid is available for those who would normally be eligible. The Student Financial Aid Office will determine your need at the other school and what your need would have been at MIT and will give you the *smaller* award. You can get more information from the Foreign Study Office (5-106, x3-7979).

Foreign Study

If you are interested in studying abroad you should start to plan as soon as possible.

Junior Year Abroad is generally the easiest way to go. Student status and dorm priority are generally unaffected. Financial aid is available as for **Domestic Year Away.** Contact FSO (5-106, x3-7979) for more information.

The opportunities for foreign graduate study are greater. The Placement Office (12-170) has some reference materials. The Graduate School Office also has information on DAAD, Churchill, Fulbright-Hays, Marshall, and other foreign scholarships.

Co-op

Five Courses (II, III, VI, XIII, XVI) currently have organized cooperative study plans with industry. The tuition differs from the regular tuition in some departments. Check at department headquarters and the Registrar's Office for details.

Special Students

Special students, by definition, are not considered to be working toward a degree. Special students pay tuition based upon the number of units they're taking and must be readmitted each term. They usually are not eligible for financial aid, campus housing, or cross registration. Subjects taken by a special student can be used toward a degree if the student is subsequently admitted as a regular student. Contact the counseling deans (5-106) if you're thinking of changing your status — Admissions Office if you've never been a regular student.

Light Loads

Regular students planning to register for a light load (fewer than 32 units) should get approval from their advisors and a counseling dean (5-106). If the forms are signed before the start of the term, the CAP will take this into account at its end-of-term meeting and will not necessarily take action because of a low registration. There is also the possibility of saving money by paying tuition on a per-unit basis while still being considered a regular student. Taking more than two terms of light load is discouraged and requires a CAP petition.

It's a trick, but it's a trick that works, so it's a technique.

— S. A. Orszag

Special Projects

If you have an idea you want to work on or something you want to study, it is possible to get Institute backing. You may even be able to get credit or satisfy Institute requirements while doing your own thing. Petitions for fulfillment of Institute requirements go to the COC.

First, dig up an idea. (Example: writing a guidebook for the MIT community; that's how this book got started.) Several established ways of doing so are:

1. Check with the UROP office (20B-141, x3-5049) or check their bulletin board in the main corridor for current research offerings. Although most projects take place on campus, it is also possible to have an off-campus project at hospitals, corporations, non-profit organizations, or government agencies. See the UROP booklet for more ideas and for the rules and regulations regarding project work.

2. Ask at department headquarters/graduate offices for references on current research.

3. Find a professor you want to work with and ask him/her for project ideas. Most faculty members have lots of ideas which they themselves don't have time to work on.

4. Drop in at a lab you're interested in and ask someone about what's going on. In most cases, you'll get an enormously thorough description; people are very willing to talk about their work.

Second, find a way to do your own thing. A few suggestions are:

1. Register for a "projects" or "special problems" subject in your (or any other) department. The best types are those with credit "to be arranged." You must find a faculty sponsor. If the project works out well, you can do a careful write-up and petition to make it your thesis.

2. Try to make your project a part-time job with a professor or try to make it a summer job, possibly by getting hold of grant money. Consult your advisor or department head for suggestions on how to go about it.

3. See UROP (20B-141). The staff pride themselves on being helpful.

4. Check with the interdepartmental labs. A fairly thorough listing is in the Catalog.

Whatever your idea, if you're really interested in pursuing it you should be able to find help and sponsorship somewhere in the Institute. If at first you don't succeed, keep trying; there are plenty of places to go for advice. The person who turned you down may change his mind and offer his services the next month.

Adversity causes some men to break; it causes other men to break records.

— Anonymous

Summer Session

The summer session is open to all students. The summer catalogue is issued in March and is available at the Information Office (7-121) and at the UASO (7-104). Old summer catalogues can be found in the MIT section of the Student Center Library.

Tuition is paid on a per-unit basis although minimum and maximum rates exist. Regular students should check with the Registrar's Office (E19-335); Special Students should contact the Admissions Office (3-108).

Non-MIT students cannot register for MIT summer session without being admitted to the Institute, under the same admissions standards as for the regular school year.

The number of courses offered in the summer is limited, but it usually includes some large freshman and sophomore courses such as 8.02 and 18.03.

Summer is a good time to do research. It must be a full-time commitment. It can be done for credit or pay. If you do it for credit, however, you will have to pay for it, the cost depending on how many units you register for. The research must be started at least halfway through the spring term, especially if you want to be paid for it. Check with the UROP Office (20B-141, x3-5049) for more information and help and check with your department about ongoing projects which you might find attractive.

Undesignated Sophomore Status

The Undergraduate Academic Support Office (7-104, x3-6771) handles problems with becoming undesignated, designating a major, and selecting or changing advisors. They can often help with problems of course and career selection.

Note: It *is* possible for sophomores to un-designate.

Inventing Your Own Course

New courses have been invented in the past. A strong commitment and faculty backing are essential. The Education Studies Program (ESP, W20-467, x3-4882) provides an organization for teaching Saturday courses to high school students. Starting an IAP course is much easier and can be done through the department.

Wear your learning like a watch, in a private pocket, and do not pull it out and strike it, merely to show that you have one.

— Philip Doirmer Stanhope, Earl of Chesterfields

Two Truisms: a) $1>>0$. If you don't start things moving, they won't move. b) $n+1>n$. The more people you have with you, the more effective you will be.

Problems

Crisis: If something is wrong and you can't find adequate help from your advisor, the UASO, the deans in 5-106 (x3-4861), or anywhere else, go to the psychiatrists (E23-376, x3-2916). These people specialize in helping when you're in trouble.

Freshman Troubles

Complaining about your advisor: If you don't like your advisor, you can get a new one at the Undergraduate Academic Support Office (7-104, x3-6771). You can request a specific person or tell the UAS people what you want in an advisor. Don't hesitate to request a change if you feel one is necessary. You *can* change advisors more than once as well.

Evaluation Forms: If they're not at your living group, get them from the UASO (7-104). If you don't get completed forms back, bother your advisor.

Failure (not passing): Don't panic. Normally you will merely have to repeat the course if you want to get credit for it. Pleading sometimes helps. Possibly your evaluation forms did not give you a clear idea of where you stood. Talk to your professor. Remember that freshman failing grades are not recorded on your external transcript (but they might influence the CAP at the end of the term).

Undergraduate seminars: If you don't like — or think you won't do well in — your seminar, drop it or change to another one *immediately*. However much these seminars have been advertised as "fun" courses, they *are* an indicator of your creativity and research potential; remember that in some departments the weeding-out process for graduate school starts first term freshman year. Beware that a few "freshman" seminars have, on occasion, assumed background beyond that of the average freshman (e.g., the number-theory seminar had, in at least one year, assumed substantial familiarity with group theory.)

You can obtain a listing of the seminars for the next term at the Undergraduate Seminar Office in 7-105 (x3-3621).

Warning, Undergraduate

The description of Warning below is quoted from a publication of the Committee on Academic Performance.

Warning: This action would be appropriate in the case of a student whose performance is considered below standard, and whose status at the Institute may be jeopardized if his/her performance does not improve in the coming term. We feel that this action ought not to be viewed as punitive, but rather as a helping mechanism that will encourage such students to plan constructive action to improve their performance.

If you have a problem or are facing a warning, talk to some of the Committee members or to Steve Patterson, assistant to the chairman of the CAP. His extension is x3-4164. Most of these people are quite reasonable individuals.

There is no set cut-off point for getting a warning or escaping it. CAP always will look at you if your term GPA is 3.0 or less, if you have received less than 36 units for that term, or if you have received more than 12 units of Incomplete. The normal procedure is for each department to have a grades meeting at the end of each term, at which they will consider each student and make recommendations to the CAP. Therefore, if you think there is something the faculty of your department should know, tell them via your advisor or favorite professor before the end of the term.

Your advisor is your representative and advocate at these meetings and before the CAP. If you are having problems, make sure that he knows the full situation *before* you get into trouble. If you have been ill, be sure you have thorough medical records to show the CAP, as you will not be believed otherwise.

If you are on warning; your registration is limited to a maximum of 48 units (51 units, if you're in Course 6 and have to take one of the 15-unit Course 6 courses). In some instances, the CAP may vote to restrict a person's unit load to 39 or 36 units.

If you leave the Institute for academic reasons, you should consider yourself on academic warning every term after you return — the CAP does. However, if you leave before add date, CAP does not look at your that semester.

If you have any questions, ask Steve Patterson (7-101, x3-4164). He can also refer you to another member of the committee. In general, the committee is quite reasonable and tries to help students.

Let's not worry about details, this is engineering.

— Prof. Rowell

Warning, Graduate

Graduate students may receive a warning from the Committee on Graduate Student Policy if their cum is somewhere below the 3.5-to-4.0 range. However, the Committee is not required to warn you. If your poor performance continues, your department will probably recommend kicking you out — it is vital that both the CGSP and your advisor clearly understand the circumstances which are causing your problems.

Withdrawal, Required

If you have been on warning at some point and are now doing poorly, the Committee on Academic Performance may, after consulting your advisor, require you to withdraw. Virtually no one flunks out because he isn't smart enough; if you're having trouble, there's probably some other factor at work. However, the CAP and Dean's Office may assume that you're not smart enough to do MIT work if they can't pinpoint any other cause for your problems — and it is *very* hard to get readmitted if you are suspected of lacking intellectual ability.

If you're headed for a withdrawal, *don't panic.* Visit the counseling deans (5-106) or the psychiatrists (E23-376). Feel free to ask any questions in the CAP office (7-101). The Placement Office can help you find a permanent job (or a temporary one if you intend to reapply for admission).

If you plan to transfer to another school, remember that most universities require a minimum 4.0 GPA (on the MIT scale) for transfer students. If yours is substantially below that, don't be surprised if you are told to go to junior college or night school. Some schools will allow you to "prove yourself" as a special student and then transfer in, but many will care only about your MIT GPA and won't let you in even if you have five terms of straight A's as a special student. If you really think you can't do MIT work, transfer out before the end of your sophomore year; in that case your high school grades will be a major basis for the admissions decision, and your MIT GPA won't hurt you that much. Northeastern University in Boston has accepted quite a number of people who have flunked out of MIT, but this school does not provide a particularly good undergraduate education in technical areas.

Readmission after Required Withdrawal

The character of the CAP has changed quite a bit in the past two years. In the past, good performance at a technical job or in scientific courses at another college was a virtual guarantee of readmission. At present this is far from the truth, and even people

who have gotten scientific papers published while away from MIT have been denied readmission. On the good side, the current CAP concerns itself *only* with a person's potential for good academic performance at MIT and not with "personality" or "cultural" issues (such as "corporate orientedness" or "ability to fit into the MIT community") which were often the concern of some members of the CAP and Dean's Office in the past. However, the CAP's membership changes partially every year and the committee that can readmit you may have very different attitudes than the one that kicked you out.

When applying for readmission, you should submit to the CAP every existing piece of evidence showing that you are no longer a "person with problems" and will be a productive, disciplined, and enthusiastic student. This includes job recommendations, transcripts, and a medical report if you think your past problems were medical in origin. See Steve Patterson (7-101, x3-4164) for help in writing up an effective application.

If your problems were not very severe or were known to be of non-intellectual origin, you may be permitted to seek readmission through the Dean's Office rather than the CAP. This is faster and usually easier, and does not require as extensive an application. However, you are being looked at by one person rather than ten, and so there is much more potential for unfair treatment here. Talk to other students who have gone through Dean's Office readmission before selecting any particular dean. If you think you have not been given a fair deal, talk to Steve Patterson. (In the past, some deans have tried to restrict students' choice of major without much investigation into the student's actual strengths and weaknesses. Be aware that many people regard pure mathematics and physics as unsuitable for someone who has had academic problems.)

Voluntary Withdrawal and Leave of Absence

If you want to leave school, even if only temporarily, you should contact the counseling deans (5-106) for advice and help with all the procedural hassles. If you're not sure whether to take a term or so off, try talking to one of the deans, your advisor, friends, or members of the Psychiatric Service. Also, the Placement Office can help you in finding a temporary or permanent job. In the case of a leave of absence, students will make arrangements for their return at the time they decide to leave.

Readmission of undergraduates who have withdrawn in good standing is not hard and is done through the DSA. You won't lose financial aid, and housing spaces are often available.

Readmission of graduate students is done through the department. If you're gone more than five years, you'll also need the approval of the CGSP.

Course Problems

If you really don't like your professor, go to the undergraduate department office or to the departmental headquarters and explain why you would rather be in another section. Don't use the negative approach; instead, explain why another section would be better for you. If there is only one section, you can drop the course (and wait for next term) or grin and bear it.

If you have any problems at all, whether they concern problem set difficulties or room temperature, talk to the instructor. He wants feedback (in most cases) and will react favorably to the simple fact that you have gotten off your tail and said something — even if it is critical. Just do things tactfully, and you will be surprised at how well received you'll be.

If that doesn't work, try your advisor or other faculty members in the appropriate department. Go straight to the department head if necessary. Try the deans, especially the UASO (7-104, x3-6771), and then the counseling staff (5-106, x3-4861); they are all experienced in dealing with classroom complaints.

Don't worry that your comments might be too trivial to waste someone's time with. If something bugs you, it probably bugs other people too. If you're sufficiently interested to start poking around for some help, you're more than likely doing several people a favor by sparing them the trouble. If you're really unsure, sound out another student, a dean, or a random faculty member and see what happens. Normally, all you have to do is ask.

If your problems involve the course material, you have several paths available to you. Tutorials (if they exist) provide personalized help — it's best to attend them throughout the term and avoid the crowded cram sessions on the day before an exam. Your TA might also be able to arrange a help session. Faculty and students in your living group may have taken the course in question; they might have old quizzes and homework as well as an understanding of the material. Undergraduate offices as well often have facilities to help out.

Schedule Conflicts

If you have two or more conflicting subjects scheduled, check with the Schedules Office (E19-338, x3-4788). If you can't get into a different section, you'll have to go to half of the classes in each subject. Dropping one of the courses and waiting until the next term may be the best solution. Discuss the problem with each one of the instructors.

The schedule given on your schedule card is taken from the master list given in your registration booklet. You generally need departmental approval to change your section registration.

Department, Complaints/Suggestions

Your advisor is the first person to turn to. Other natural choices are the department head and other professors within the department. The department's feedback committee, if it exists, can also prove useful. Other resources include the local Course society, the Executive Officer, or even the secretaries at Headquarters. (These last offer information rather than brute-force pull. However, that information may prove invaluable and often is unavailable elsewhere.) The UASO (7-104, x3-6771) has no formal departmental connections but can give good advice.

Graduation and Degrees

Graduation

You must submit an application to be a degree candidate in order to graduate. The application is included in your registration material. MIT does not automatically grant your degree as soon as all requirements have been met. It is possible to graduate with one deficiency if it occurred in a subject for which you were registered in the final term and you made an honest effort to complete the course. Even then, graduation is not automatic. Your department will have to petition the Committee on Academic Performance (CAP) and make a well-informed plea.

Note: Double-majors may *not* graduate with a deficiency.

Thought is a risky enterprise to get involved in.

— Prof. Whitesides

Before you receive your diploma, all library books must be returned, all keys to rooms and labs must be returned to the Office of the Superintendent of Physical Plant or to the appropriate professor, and all financial matters must be cleared. The Student Accounts Office will notify you of the deadline dates for all the formalities.

Prior to graduation, any student employed by the Institute must file a Termination Clearance form with the Payroll Office, with signatures certifying that (s)he has returned all keys, books, supplies, etc. Some labs have their own special termination procedures for teaching assistants.

Degrees, Double

Two Bachelor's Degrees: You must fulfill requirements in two departments while accumulating 450 units instead of the 360 units required for one degree. You must deliver a petition to the Registrar's Office at least two terms before graduating; the petition must list the two degrees and the expected graduation date. Consult your advisors in both departments to find out about the deadline for application and to obtain approval of your entire program.

Make sure you contact both departments about your joint thesis if you plan to present one.

Note to Samurai Students: triple majors *are* possible. At the 1975 graduation, one student received three Bachelor's and one Master's degree after four years!

Bachelor's and Master's Degrees: Some departments will award a SB and a SM simultaneously. You must be accepted for graduate study at least one term before the degree is awarded, and that requires a petition. Check with your advisor for details. If you want a Bachelor's degree in one department and a Master's in another, you are on your own. Don't worry, though — it has been done.

Two Master's Degrees: You do not necessarily have to take additional credit units for two Master's degrees. However, there are requirements about splitting up the units between the two departments. You can do a joint thesis for two Master's degrees; a petition must be filed at least two terms before graduation.

Degrees, Interdepartmental

Undergrads: Many departments have concentrations which allow much work in another area II-A, VI-1 Bio option, etc.). Check with your advisor. (See also **Degrees, Unspecified**) Unfortunately, Course XXV (Interdisciplinary Science) got the axe in 1982.

Degrees, Unspecified

Several courses (I, II, III, IV, VII, IX, X, XIII, XV) sponsor very flexible programs that can be adjusted to suit your personal preferences up to a certain limit. Since all departments have the option of offering unspecified degrees, your advisor or department head can help you set up a program. But remember that you still must fulfill the general Institute requirements, even if they don't seem to fit into your personalized educational program.

How to Get Around Requirements

If you want to be exempted from or make substitutions for Institute requirements, you have to petition the COC. Getting out of a departmental requirement will involve working things out with your advisor and the department head. You should talk to the people involved before writing your petition. Your advisor and the deans can be of help. Try to find out about policies and precedents, and build up a believable case, which may take a major creative effort in borderline cases.

Don't be afraid to try; the results can be worth it. Petition forms are available from your advisor, the Registrar's Office, the UASO, and the Information Office. Your petition will be more effective if you justify yourself in two sentences on the petition itself. Items which are petitioned for most frequently are substitutions for humanities and lab requirements. Often other subjects may be substituted for certain requirements in a department. Make sure you have the approval of the instructor in the subject you want to substitute. If your petition is refused, you can appeal to the same committee and they may change their minds if you are persuasive enough.

You would be amazed at what you can get away with if you act as if you're not getting away with anything.

— M. Doyle

Theses

Undergrads: Copies of *Specifications for Thesis Preparation,* published by the Libraries, are available from the UASO (7-104) and the Institute Archives (14N-118). Your advisor or department should be able to answer most questions.

You do not exist. Neither does my thesis. It has priority.

— East Campus door

After Graduation

Applying to Graduate Schools

General Information: Reasonably thorough collections of graduate school catalogs can be found in the Humanities Library and the Career Planning and Placement Office (12-170, x3-4733). The latter also has independent references on school reputations, financial aid, and degrees awarded. This particular service is right up Mr. Weatherall's alley; he's a former Assistant Dean of the Graduate School and personally familiar with many institutions. Don't let his title put you off: he's very friendly and a good person to ask for help. In addition, the office has some applications for the GMAT, LSAT, MCAT, and GRE. With regard to the GRE, the Graduate School office (3-136, x3-4860) has application forms and information. Reference copies of test bulletins are kept in the placement office (12-170).

Kenneth Wadleigh, Dean of the Graduate School, is particularly helpful if you want to come to MIT for graduate study. **Hint:** When applying to grad schools, it's usually best to specify the doctorate under "degree to be studied for." This and other rules of thumb may be gleaned from your advisor and other faculty if you ask for help.

Getting A Recommendation

Recommendations may be at least as important as your cum. You should have a good working relationship with at least one faculty member and ask for recommendations early. Make sure that you have his approval before signing his name as a reference. It helps to know that you'll get a good recommendation. (Unlike many people in the "real world", MIT people tend to be brutally honest in their recommendations).

Admission to MIT Graduate School

For some departments (particularly Chemistry and Biology) it will be harder for MIT undergrads to get into MIT than for grads from other institutions of comparable quality. The ostensible reason is that departments want to avoid "inbreeding." Consult the department, the Admissions Office, and the Graduate School Manual for more information and help.

It is possible to be admitted as an interdisciplinary graduate student. You still have to find a department that will admit you, but some flexibility is allowed. It will take a lot of talking to get what you want and at least one professional ally. Don't delay.

Prelaw, Premed, and Education Counseling

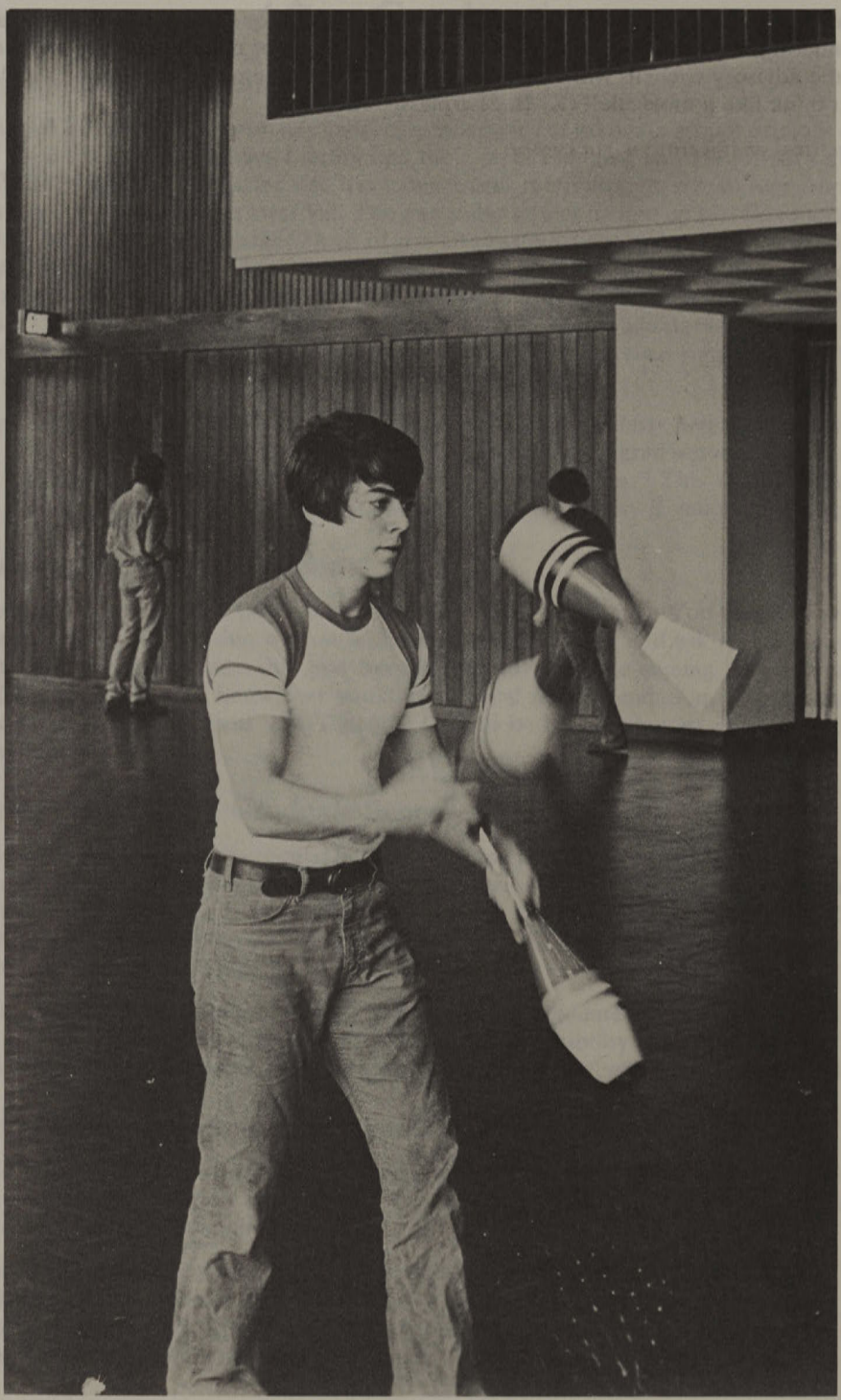
The Committee on Preprofessional Advising and Education serves the special needs of students interested in entering the medical, legal, and teaching professions (and related areas in public administration).

The Preprofessional Office (12-129, x3-4737) publishes special handbooks for the fields mentioned above. It also provides graduate school catalogs, applications for entrance exams (MCAT, LSAT, etc.), and academic counseling and sponsors seminars given by professionals and representatives of graduate schools.

The Committee itself consists of three advisory councils, one in each field. If you are wondering what it feels like to be a professional in one of these areas, the members of the advisory councils will be glad to tell you. Just remember, "It's important that you think like a molecule" (K. B. Sharpless, 1982).

Electrical engineering is yucky-poo.

— Priscilla Harrell



Financial

Finance *n. The act or science of managing revenues and resources for the best advantage of the manager. The pronunciation of the word with the i long and the accent on the first syllable is one of America's most precious discoveries and possessions.*

— Ambrose Bierce, *The Devil's Dictionary*

Paying the 'Tuteing Piper

Financial Statements

MIT Financial Statements arrive before the start of each semester. If you think the Institute screwed up your financial statement, contact the Student Accounts Office (E19-215, x3-4133). However, before you jump to hasty conclusions, remember that invoices are random, and the bill you receive may include a debt that you have already paid.

Where to Make a Payment

Payments to the Institute can be made at the cashier's office (10-180) or E19-215. Payments can also be mailed.

You get a valid ID sticker in exchange for payment. If you haven't paid by Registration Day, a visit to Student Accounts will be in order. This may require unending patience due to long lines and long-winded explanations; best to avoid this madness if possible.

Tuition is $250 per year. But that's not including breakage.

— MIT Handbook, 1916

Financial Aid

Undergraduates

Money for undergraduates normally comes in package deals, part scholarship, part loan, part term-time job. The amount of each is determined by the people in the Financial Aid Office (5-119, x3-4974) from data you and your parents have given them. The resources are very tight, but they are there to be used, so if you need money go check things out there; don't give up. Deadlines will be published for the coming school year.

REMEMBER, *all* undergraduates must file a form declaring their draft status (e.g. female, registered, etc.) before they are eligible to receive aid every year.

Caution: Your college work-study eligibility does *not* guarantee you a job when you arrive at MIT. It means that MIT expects you to contribute that amount to your support by working (or some other suitable means, i.e. loans) while at MIT.

Furthermore, your earnings are taxable so you must file several forms to prevent taxes from being taken out of your paycheck.

If the cost of a college education continues to snowball for many more years, a person can make a profit by remaining ignorant.

— Anonymous

Graduate Students

The Graduate School Office (3-136) and your own department's headquarters have all the information needed to apply for financial aid, including information on industrial and foundation grants. Most financial aid programs have early application deadlines, so get to work early.

The Graduate School Office can be particularly helpful with applications for national and MIT fellowships. You can get advice on fellowship opportunities, an advance on your funds, and other information.

It is better to apply for a 12-month federal fellowship than a 9-month fellowship; your chances are as good, and after you receive the reward you can change it to nine months without any trouble. The reverse is much harder.

You will find that your department is instrumental in almost all financial support decisions. It also has an intimate grasp of what opportunities are available, both inside and outside MIT. Be sure to keep in touch with both your advisor and department headquarters.

Between 80 and 85% of grad students are receiving some sort of financial aid through MIT, their governments, an outside foundation, or some other means. There are Research Assistantships (RA's), Teaching Assistantships (TA's), Federal Traineeships, industrial grants, MIT awards and other random sources of income for graduate students. Some of these kinds of support (e.g. RA, TA) are obtained from the department, while some come through the Graduate School Office. Other sources such as state and federal loans come through dealings with the Financial Aid Office.

There are some legalities involved; RA grants are usually tax-free, while TA grants are not. Foreign students are not usually eligible for Federal fellowships. Be careful to read all the fine print. Your department and the Grad School Office should be able to help out.

It depends on how carefully you think about it. If you don't think very carefully it's obvious, but if you think very carefully you'll get confused and it won't be obvious.

— Professor Baltay

Loans

Both undergraduates and graduates apply for loans at the Financial Aid Office (5-119, x3-4974). Although scholarships are disbursed on a scheduled basis, loans can often be arranged to fill unforseen gaps in your budget. Jobs are sometimes provided for the same purpose. *NOTE:* If you are granted a loan, be sure to go to the Student Loan Office (E19-225) and sign for it at the beginning of the term. Otherwise it is likely to go away in a month.

Emergency Loans: See **Emergency Information** in the **Help!!** section of this book.

The lack of money is the root of all evil.

— Mark Twain

Financial Aid vs. Grades and Disciplinary Action

Undergraduates: Need is the only criterion that determines how much aid you get and how it is split up.

Grads: Academic performance is still important for financial aid.

So the Financial Aid Office Screwed You:

1. Go to the Financial Aid Office and talk to them. They cannot lower the amount of the aid package. They might even increase it. It's worth a try if you have a legitimate complaint.

2. Get in on your state loan program; check with the Financial Aid Office. In most cases, the loan will be interest-free until you get out of school, grad school, the Peace Corps or military service.

3. Have your parents get a loan from their bank.

4. Try to get a term-time job. Check at the Student Employment Office (5-119, x3-4973), which is behind a bulletin board in the Financial Aid Office.

5. Veterans, check on your VA benefits with Stan Hudson at the Fin. Aid Office (5-119, x3-4974). Social Security benefits are handled at the Registrar's Office (E19-335, x3-4784).

If you think the Financial Aid Office screwed you, wait 'til you get to the Bursar's Office.

— Anonymous

Special Payments

There are special advisors, assigned by classes for undergrads and by schools for grads, in the Student Accounts Office. Check for yours in the gray section of your *Student Directory*.

If you are taking fewer than 33 units, you can arrange to pay tuition on a per unit basis. Check with the DSA for the necessary paperwork. *Warning:* if you wait too long before doing the paperwork, you will have to pay full tuition. The Deans' Office can also help you if you feel that you have run into extraordinary difficulties and you don't want to pay full tuition (e.g. family emergency that caused you to leave school for seven weeks, then return just in time to flunk your subjects). Each case receives individual treatment, and the deans are understanding in cases of genuine problems. Check with them (5-106, x3-4861, or 7-133, x3-6776).

Work

Jobs During the School Year

Finding a job is not too difficult; finding one you like may be a little harder. During the school year over 3000 undergraduates seek and locate part-time employment on campus ranging from working desk in the dormitories to operating the MIT reactor. The libraries, dormitories, and dining halls usually hire during the *first* week of the

fall term. Be on the alert for sign-up meetings and get started early or you will miss your chance. If working in Lobdell doesn't appeal to you, check the Student Employment Office (5-119, within the Financial Aid Office). They maintain listings of jobs within MIT and the Boston area. They provide contacts — you must follow them up.

Research projects are also a good supply of jobs. The work ranges from drudge work to something you can do a thesis on (often within the same job), and even the drudge work can be better than being a dishwasher. UROP publishes a booklet each year listing hundreds of professors and labs and their areas of research. Find professors in fields that interest you and start asking. It may take a while, but you should be able to find something. Funding can come from the professor's research grant. UROP (check their booklet for details), or the College Work-Study Program (CWSP, eligibility for this varies, check with the Financial Aid Office). Very often some combinations of these is used.

Three jobs that are almost always available:

1. Psychology experiments. Quick, easy, small money. Call x3-5749 or x3-5751, or check 9.00 lectures.

2. Dietary experiments. Slow, bad-tasting and restrictive, featuring complete measurement of dietary input and output, big money. Call Edwina Murray (20A-221, x3-4073). Also check posters. Some studies, for less compensation, are for shorter duration and are less restrictive.

3. Campus publications (including *HowToGAMIT*) are always looking for people to sell ads — it's hard work, but usually pays a commission of at least 15%.

The worst cynicism: a belief in luck.

— Joyce Carol Oates

Summer Jobs

Decide what you want to do over the summer before Christmas, so you can visit hometown firms over the winter vacation and beat the rush (but not by much).

If you're preparing a resume be clear and precise. Don't undersell yourself, but don't make claims you can't substantiate. Use your good sense and you should be able to present a good resume that will enhance your job chances. Be sure to have some good references in mind. (See **Getting a Recommendation** in **Academics.**)

Check your abilities. Do you speak a foreign language? Can you program computers? There are often vacancies available for people with esoteric skills, even though the general job market is bad. You might even try looking for a foreign job.

There are some openings with the state or federal Civil Services. Unskilled or semi-skilled government work isn't the greatest thing in the world, but it's available and it won't tax your mind. If you want to take a Federal Civil Service Exam, contact the Placement Bureau or call 223-2571 for information (try not to call between 11 am-2 pm, as you'll probably only get a recording). For state civil services, check with the particular state.

Note: Some large cities have MIT alumni clubs which may invite you to a gathering over Christmas vacation. A good many of these alumni are likely to be businessmen with jobs available for students from their alma mater. Check with these gatherings if you're looking for an interesting summer job.

The Career Planning and Placement Office (12-170, x3-4733) sponsors interviews with companies who sometimes are looking for summer workers. Check under Permanent Employment in this chapter for other resources.

Many students start or continue research projects during the summer. UROP helps fund many of these jobs. Their application deadline comes in mid-April.

If you're around Boston and can't find another job, try some of the odd jobs listed in the *Boston Phoenix/B.A.D.* They might provide interesting non-academic employment (e.g. carpentry, electric wiring, etc.).

The true test of intelligence is not how much we know how to do, but how we behave when we don't know what to do.

— John Holt

Permanent Employment

After about four glorious years at the Institute, the MIT graduate is usually ready to go out and face the dark, cruel world on his own. This means that the student must decide how he can make the money roll in.

— The Social Beaver, 1958

No matter what you intend to do, get started early. Junior year is certainly not too early to start thinking about graduation and what you plan to do afterwards.

The Career Planning and Placement Office (12-170, x3-4733) serves both students and alumni. They sponsor meetings between students and recruiters. Check their office for schedules. They also publish a *Placement Manual* and distribute the *College Placement Annual* (helpful even for summer employment) and have an extensive library of job contacts.

If you are interested in a career in law, medicine, or education, there is the Pre-professional Advising and Education Office (7-102, x3-4158). Check under **Prelaw, Premed and Education Counseling** in **Academics.**

Your department *should* be able to offer career guidance, and your advisor *should* be capable of helping you sort out possibilities, with special knowledge of your abilities and preferences. Also try the professional societies such as IEEE, ASME, and AIChE.

The Industrial Liaison Office (39-623, x3-2691) keeps in close touch with companies around the world. Though its main function is not career counseling, but rather industrial liaison, you might try to get an advisor in ILO. Try hard.

The Center for Advanced Engineering Study (Building 9), like the ILO, is pitifully underused. Its basic function is to give advanced and refresher education to scientists and engineers working in industry, but you can use it to find out where things are in the outside world, who's working on what, and to build contacts with workers in your field.

Money

Banks

A survey of the services offered by nearby banks was taken in March 1984 and the results are shown in the chart on the following pages. Note that most banks require a minimum balance for free checking. The chart indicates the requisite minimum and lists the service charges incurred if the account falls below that.

Cashing Personal Checks

You can cash personal checks up to $100 (or larger, with the approval of the Bursar or Assistant Bursar) at the Cashier's Office (10-180, open 9-3). A valid MIT ID is required, however, there is a 35¢ charge, and no third-party or payroll checks are accepted.

Of course, the bank at which your account is held will cash checks drawn against it free of charge. Banks are generally open 9 am-3:30 pm Monday through Friday, and some feature extra hours each day and/or Saturday.

Note: If your account is in one of the Shawmut banks, your checks cannot be cashed by other banks in the Shawmut Association — you *must* go to your own bank. Also, the BayBanks are affiliated by the name after the slash (e.g. BayBank/Harvard,

Confusion say:

Ǝverything although ɐlsɐ ɯi confused

may Square is Kendall bɘ,

not

Cambridge Trust.

If that sounds like Greek (or Chinese) to you, what we meant was that Kendall Square is a very confusing place to be these days.

The scaffolding, excavations, noisy machinery, road crews, blocked-off streets and rerouting of traffic are due of course, to the building of a modern Kendall Square. To which Confusion might add: Make much more sense to build improvements first, then city.

At any rate, despite all the chaos in the Square, we want to reassure you that you'll find all of us at Cambridge Trust as unflappable as ever, provided you can find us at all.

Cambridge Trust Company

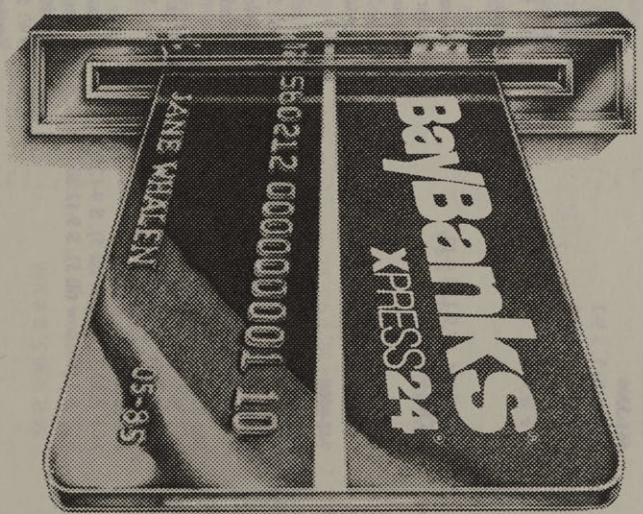
Harvard Sq. | Kendall Sq. | 358 Huron Ave. | University Place | 876-5500 | Weston Center 893-5500 | Member FDIC

Class Card.

BayBanks® lets you cut your banking time instead of cutting class, with 500 convenient X-Press 24s throughout Massachusetts. Our 42 machines in the Cambridge area, including 9 in Harvard Square, assure that you're never far from the highest grade of quick and easy banking.

And now that BayBanks is a member of CIRRUS, a nationwide network of automated tellers, you can do everything from checking your balance on the way home for semester break to getting a cash advance to help you get back.

So before you register for classes stop by the special Student Account Opening Center in our Harvard Square office or visit any office of BayBank Harvard Trust, open your account, and sign up for a BayBanks Card. Next to your student I.D., it's the most important card you can carry.



BayBank | Harvard Trust

Offices at Harvard Square, Central Square, Kendall Square, Technology Square, 1000 Massachusetts Avenue, Porter Square, Fresh Pond, North Cambridge. X-Press 24s at 77 Massachusetts Avenue in M.I.T. Lobby #10, 139 Massachusetts Avenue at Vassar Street, 622 Massachusetts Avenue, 400 Western Avenue, Brighton, at Western Avenue Shopping Center, 1663 Massachusetts Avenue at Wendell Street, 2168 Massachusetts Avenue at Pemberton Market.

Member FDIC

Location	Hours	Services	
Bank of New England			
Milk St., 742-9360 Kenmore Square, 267-0042 Copley Square, 742-4000	All branches: M-F 8-6	Savings: 5½% Regular checking: $300 minimum in savings and checking combined Service charge: $2/month + 15¢/check NOW: 5¼%, $500 minimum Service charge: same as above	ATM
BayBank/Harvard Trust	**661-3300**		
Harvard Square	M-F 8:30-5, S 9-1	Savings: 5½%, $250 minimum	ATM
Central Square	M-F 8:30-4, S 9-1	Regular checking: $500 minimum or $100 in savings	
Kendall Square	M-F 8:30-4	Service charge: $2/month + 30¢/transaction	
Technology Square	M-F 8:30-4	NOW: 5½, $1000 minimum or $1500 in savings Service charges: $2.50/month + 30¢/transaction	
BayBank/Middlesex			
Inman Square, 868-3700	MTRF 9-4, W 9-1, S 9-12,	5½% savings	ATM
Lechmere Square, 868-4400	MTRF 9-4, W 9-1	Regular checking: $500 minimum or $100 in savings Service charge: $2/month + 30¢/transaction NOW: 5½%, $1000 minimum or $1500 in savings Service charges: $2.50/month + 30¢/transaction	
Boston Five	**742-6000**		
10 School St., 742-6000	M-F 8:30-4, S 9-1	Savings: 5½%	ATM
Boylston St. (near Pru), 267-8841	M-F 9-4	NOW: 5¼%, $1000 minimum	
Boylston St. (near Berkley), 536-0150	M-W 9-4	Service charges: $.20/check or $2/month (whichever is greater) $1/month maintenance fee regardless of minimum balance	
Cambridge Savings	**864-8700**		
Harvard Square	M-F 8-5:30, S 9-1	Savings: 5½%, $10 minimum	
Kendall Square	M-R 8:30-3, F 8:30-6	NOW: 5¼%, $500 minimum Service charge: 10¢/check	
Cambridge Trust	**876-5500**		
Harvard Square	M-F 8:30-3 (window till 5), S 9-12:30	Savings: 5¼%	ATM
Kendall Square	M-F 8-3 (window till 5), S 9-12:30	Regular checking: $400 minimum Service charges: $4.00/month-$1.00 for each hundred dollars in minimum balance NOW: 5¼%, $400 minimum Service charges: $4.00/month-$1.00 for each hundred dollars in minimum balance	
Cambridgeport Savings	**661-4900**		
Central Square	MTWF 8:30-4, R 8:30-6, S 9-1	Savings: 5½% NOW: 5¼%, $500 minimum Service charge: 30¢/check	

Capitol Bank and Trust	**723-5300**		
Beacon St.	M-R 8:30-4, F 8:30-5	Savings: 5¼%, $10 minimum	
Boylston St.	M-F 8-5:30	Regular checking: $300 minimum Service charges—$2.00/month + $.15/check NOW: 5¼%, $400 minimum Service charges—$3.00/month + $.15/check or deposit	
Coolidge Bank and Trust			
Kendall Square, 354-1036	M-R 8:30-5, F 8:30-6	Savings: 5½%, $100 minimum	ATM
Harvard Square, 354-3616	M-F 8-4	Regular checking: $300 minimum Service charge: $2/month + 20¢/check or deposit NOW: 5¼%, $600 average daily balance Service charge: $4/month + 20¢/check	
First American Bank	**266-1206**		
Boylston St.	M-F 8-5:30	Savings: 5½% Regular checking: $300 minimum Service charges: $.25/check or $2.00/month (whichever is greater) NOW: 5¼%, $1000 minimum	
First National Bank of Boston			
Federal St., 434-2200	M-F 9:00-5:30	Savings: 5½%, $100 minimum	ATM
Prudential Plaza, 434-8080	M-R 9-4:30, F 9-5:30	Regular checking: $300 minimum	
Kenmore Square, 434-3460	M-R 9-4:30, F 9-5:30	Service charges: $3.00/month + 30¢/check or deposit NOW: 5¼%, $600 minimum or $2500 average Service charges: $3/month + 15¢/machine tellers	
Northeast Savings Bank	**876-8128**		
Harvard Square	MTWF 9-5, R 9-8, S 9-3	Savings: 5½%, $10 minimum NOW: 5¼%, $300 minimum Service charges: $3/month + 15¢/check	
Shawmut County Bank			
Central Square, 661-5180	M-W 8:30-3, RF 8:30-5	Savings: 5¼%, $300 minimum	ATM
Lechmere Square, 661-5200	M-W 8:30-3, RF 8:30-5	Regular checking: $500 minimum Service charges: $3/month + 25¢/check or deposit NOW: 5¼%, $1000 minimum Service charges: $3/month + 25¢/check or deposit	
US Trust/Middlesex	**864-4444**		
Central Square	M-W 9-4, RF 9-5	Savings: 5½%, $25 minimum	
Harvard Square	M-W 9-4, RF 9-5		
Kendall Square	M-W 9-4, RF 9-5, S 10-1	Regular checking: $300 minimum Service charges: $4.00/month NOW: 5¼%, $500 minimum Service charges: $6.00/month Food Stamps and T-passes	

BayBank/Middlesex, etc.). You may use the Something Better card to withdraw or deposit from all branches statewide.

Many supermarkets in the area cash checks for a service charge if you have a courtesy card for that store. Apply for one at the customer service booth. The limit on how much you can cash varies from $25 to $100 for a personal check, more for a paycheck.

Income Tax Information

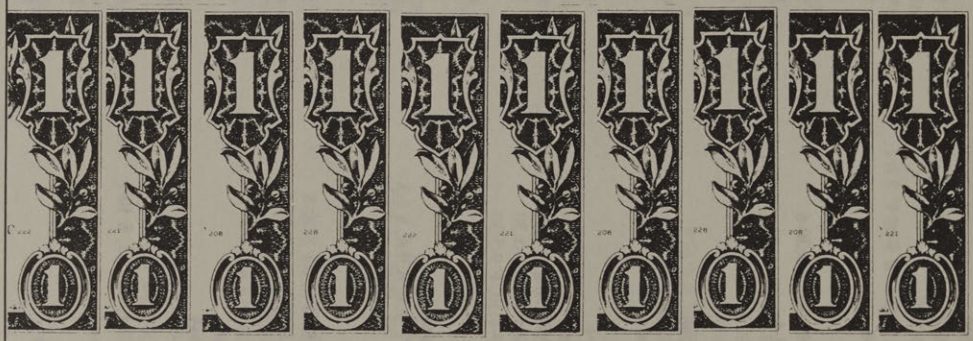
Federal: Check with the Internal Revenue Service in the JFK Building downtown (Government Center Boston) or call 523-1040.

State: Check with the Revenue Department, Taxpayer Assistance Bureau (100 Cambridge St., Boston, 727-4545).

International Students: Call the Alien Tax Information Office, 223-3446 or contact the IRS at 523-1040.

Credit Cards

Following the national trend toward cashless purchasing, many stores now accept various kinds of credit cards. In addition to the various general cards, such as MasterCard or Visa, there are many store-specific credit cards such as those issued by Jordan Marsh, Filene's, and many other large department stores. For a student to obtain any credit card may be difficult, however. The major obstacle is the re-



$10 IS ENOUGH FOR NOW.

It doesn't take much to start a NOW account at Cambridge Savings. Ten bucks and a few minutes of your time. And for that, you get a checking account that earns 5¼% interest. And super-convenient Bank-by-Mail service (we even pay the postage).

So while it may take a truckload of money to pay for your education these days, it doesn't take much to get your own interest-earning checking account. At least not at Cambridge Savings. C'mon in.



Offices in Cambridge & Belmont 864-8700 Member FDIC

quirement of an income of at least $9,000 a year (in some cases, more). This is enough to prevent most full-time students from obtaining a card. However, some agencies will allow you to get a card if your parents are willing to sign a letter guaranteeing that they will pay your unpaid bills. Your best bet is to check with the individual store or company about this procedure.

There is one notable exception to the hassle over obtaining credit cards, namely the Coop card. Coop cards are easy for students to obtain (check with Customer Service in back of the Tech Coop), and entitle the owner to full charging privileges at any branch of the Harvard Cooperative Society. As with any credit card, you have to pay the full amount of purchases charged each month, or pay a monthly finance charge (maximum of 1½% per month).

Along with credit cards have come credit card thieves, who are expert at changing the signatures and even the photographs on a card, and running up tremendous bills with it. If your credit card is lost or stolen, report it immediately. Most cards carry a liability limit of $50, but the trouble and inconvenience associated with forged charges and getting a new card make it worthwhile to keep careful watch on your credit cards. After you report the loss of a credit card to the bank, you cannot be charged for purchases made on it, even below the liability limit. It is a good idea to keep a list of all credit cards and numbers to be able to report a stolen card. Also be sure to check out liability commitments for each credit card you have; if the limit is unacceptably high or non-existent, get some insurance on your cards (available at most banks).

Look to us for direction.



Shawmut County Bank

Central Square
515 Massachusetts Avenue
(617) 661-5180

Lechmere
160 Cambridge Street
(617) 661-5200

Insurance

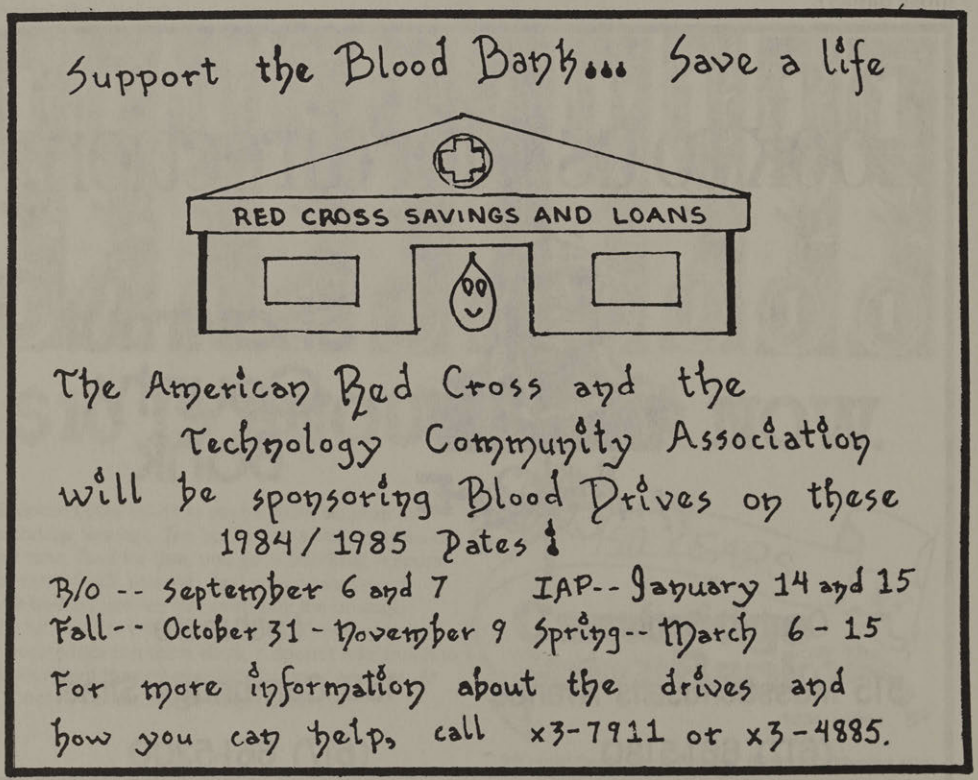
Insurance *n. An ingenious modern game of chance in which the player is permitted to enjoy the comfortable conviction that he is beating the man who keeps the table.*
—Ambrose Bierce, *The Devil's Dictionary*

The most important point is to find a reputable insurance company. This, among other things, means going to a state-licensed agent who represents a well-known company. Rates don't vary at all in Massachusetts. Buy your insurance elsewhere if you can. Beware of salesmen who add "service charges" on top of the normal bill. Be cautious also about mail solicitations. Above all don't be afraid to ask questions and make sure you know all the details before signing.

For information on automobile insurance, see **Insurance** in the **Travel and Transportation** section. For information on Medical Insurance, see the **Medical** section of the **Facilities** chapter.

Life Insurance: If you do decide to buy life insurance, Savings Bank Life Insurance (available at any bank with the words "Savings Bank" in the title) is the best deal you can get as a Massachusetts resident.

Student Life Insurance: Unless you already have dependents, there is absolutely no reason to insure yourself. Even if you should die before you have paid off your educational loans, they will be waived automatically, and your parents will not be hit



with an unexpected debt. Don't be taken by promises of preferential rates later when you sign up for full insurance; by the time you need it you will have a much better idea of what you want. Check with a lawyer if you want further details.

Personal Property

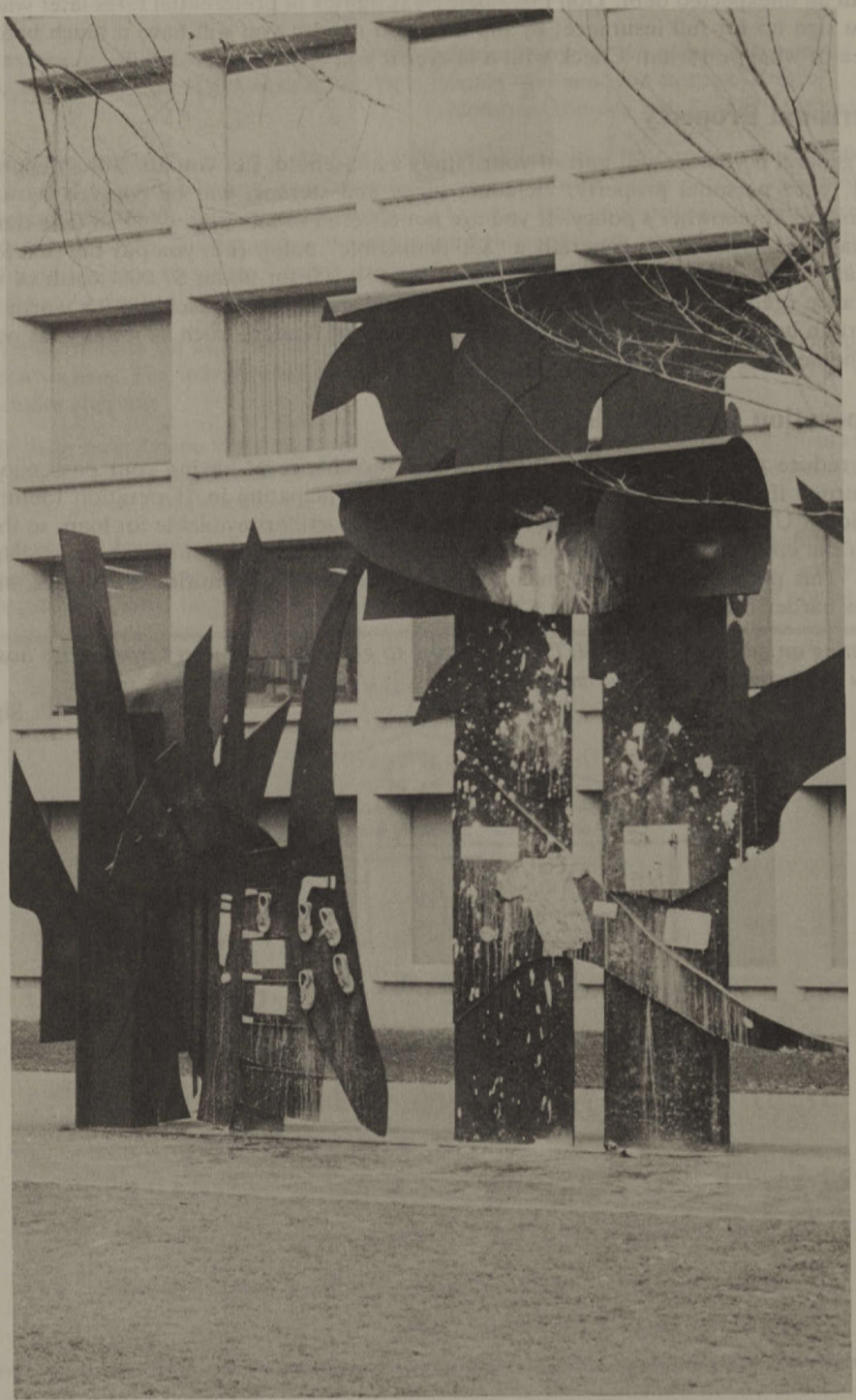
In general if you are still part of your family's household, i.e. you are still a dependent, your personal property, including bikes and stereos, will be covered by any standard homeowner's policy. If you are not covered in this way, you can take out a tenant's policy which is generally a "$50 deductible" policy (i.e. you pay the first $50 of any loss). The premiums vary from about $50-100 for about $7,000 worth of insurance (generally a minimum), so check what you have and decide if it's worth it. Certain items might have to be insured by means of floaters, such as jewelry, as part of homeowner's insurance.

Operation Identification

To reduce the chance of theft (and increase the chance of having your possessions returned if they are stolen), Campus Police is participating in "Operation Identification." Under this program the Police has electric scribers available for loan, so that you can engrave your Social Security number (ID number) on your cameras, stereos, etc. This permanent marking makes the property readily identifiable as yours, and thus harder for a thief to sell.

Getting an education from MIT is like trying to get a drink of water from a fire hose: you get hosed and your parents get soaked

— Drop Poster Sign



Housing

Living conditions can affect both your social and academic success while at the Institute. Accordingly, great care should be taken in deciding where to live, as transfers become increasingly difficult as the extent of the change increases (see **Moving Between Modes**).

Note: Like most large urban areas, Boston and Cambridge have an ample supply of individuals who make it their business to relieve you of any movable item not securely locked away. *Don't say we didn't warn you!*

There are four types of housing available to MIT people: dormitories and on-campus apartments, fraternities, MIT-affiliated independent living groups, and off-campus apartments. Students with housing problems can turn to Dean Bob Sherwood (7-133, x3-4051). For off-campus housing information consult the Off-Campus Housing Service (E18-301, x3-1493).

Dormitories

I'm going to get so plastered I could fix New House.

— student reflecting on thesis completion

For descriptions of the various dormitories, consult the *Undergraduate Residence Book,* available from the Office of the Dean for Student Affairs (7-133).

A few hints for some dormitory problems are listed below:

Physical Problems with Dormitories

The desk staff and house manager can handle a wide variety of problems arising from the physical considerations of the dorm. Some dorms have listings of services provided, either posted or available for inspection. Ask. Complaints about desk staff should be made to the staff captain.

Humidity — During the winter, low humidity seems to be quite common in dormitories. If you continually wake up in the morning with a sore throat, try placing a few cans or dishes of water on the radiator. You'll be surprised how fast the water goes away, and even more surprised by what it leaves behind.

Painting or Remodeling a Room — The Institute provides free paint in any of eight colors to residents of East Campus, Senior House, and Bexley, once per year per room. To get paint, go to your house desk and choose your hues; the paint will be delivered there. Residents of other dorms should check with the manager before touching a brush to the wall, as they may be forced to pay to have the walls returned to their original color. One thing to remember is to order paint very early; it takes time to get it.

Non-destructive remodeling is OK in most cases as long as the room can be restored to its original state. The newer dorms tolerate less self-expression but if you wish to do something, check with dorm authorities first! Painting in the newer dorms may be considered a serious offense.

Pets — Pets are not allowed in the dormitories. While this rule has not been rigidly enforced in the past, it will be in the future. Tolerance of any animal's stay is subject to veto by any member of the living group, as the Housing Office will then have to enforce the regulation. If you want to keep your beloved animal, make sure that your neighbors are not disturbed by noise, smell, or sand trays.

Wild Animals (Squirrels, Snakes and Bugs) — Despite appearances, the squirrels living on the East Campus are *not* tame. Don't leave food lying around your room in cardboard containers or plastic bags — the squirrels will gnaw through the window frame if they smell anything. Also, some of the biggest cockroaches in the East, as well as assorted mice, caterpillars, mosquitos and other vermin, inhabit those "verdant, ivy-covered halls of East Campus," as well as most other dorms, especially during the summer. They won't cause any problem, as long as you keep the windows closed or install a good screen. Roach Motels are available at dorm desks.

Waterbeds — Waterbeds are allowed in dormitories, provided that the floors are deemed strong enough to support them safely. You'll need to get the House Manager to approve the model and inspect the installation. As long as you treat the waterbed with care and don't puncture it accidentally, there should be no problems. (*Warning:* The standard lease for apartments specifically forbids waterbeds. If moving from a dorm to an apartment, check to see if you can take the waterbed with you.)

Refrigerators — In some dorms, refrigerator space is included with the room rent. If you don't get one or need more space, you can buy a used one for under fifty dollars from another student or one of the several used-refrigerator dealers in the area. Check *Tech Talk,* the *Yellow Pages,* and bulletin boards.

Telephones — Undergraduate dorms are equipped with dormlines. For operation and tie-in to the Centrex system see **Appendix 6.** Outside service can be arranged individually with the New England Telephone Co.

Locked Yourself Out of Room — With the advent of new doors and real locks in some dormitories, it has become much more difficult for the locked-out resident to pick his own lock. If the time-honored Coop card or coat hanger doesn't work, go to the desk and sign out a spare key (which is easier, and less suspicious-looking besides). If the desk is closed, find the night watchman or, in desperation, call the Campus Police, who have keys to everywhere. In most dorms, the president and chairman of the Judicial Committee also have master keys.

Valuables — Easily removable valuables, such as jewelry, money, watches, etc. should never be left unguarded in a dorm room, even for a short period of time. On lower floors, keep TV's, stereos, radios, tape recorders and the like out of easy sight through your window — no point in inviting trouble.

Bicycles — Most dorms have a semi-secure place to lock up your bike. However, lots of people use these areas; some may be careless and leave gates unlocked, reducing the security to the level of any back street in Cambridge. New and/or expensive bikes are safer for each additional lock between them and the bike market.

Varying Room Costs — The Institute gives recognition to the unequal desirability of rooms by charging slightly different rents for different rooms in some dorms. Factors that cause differentials include: number of people using kitchen and bathroom facilities, common space, closets, view, elevator service, trash collection, etc. The exact cost of your room will be charged to you on your financial statement.

Liability for Damages — You can be assessed for a share of any damages in your suite or floor that cannot be pinned on an individual. This bill must be paid before you can receive your degree.

Independent Living Groups and Fraternities

MIT's 33 independent living groups are diverse by any standard. They include all-male, all-female, and co-ed options; jock houses, tool houses, and hack houses plus houses with no specific characteristic. Descriptions can be found in the *Undergraduate Residence Book,* but the only way to get to know a house is to visit it and meet the people.

Joining an Independent Living Group or Fraternity

Of those people who pledge fraternities, the vast majority join as freshmen or incoming transfers during R/O Week, although exceptions occur. The Interfraternity Council (W20-413, x3-2170) can provide more information.

Problems

If you are having problems with your fraternity, talk to one of the deans in 7-133 (x3-4051). They can discuss your options (including depledging) and the merits of each. It is more important that you live as hassle-free as possible than to bow to social pressure.

Rush Violations and Inter-House Disputes

In addition to serving as the hearing body for all inter-fraternity cases, the Judicial Committee of the IFC is responsible for investigating house violation of rush rules, and with meting out penalties. If you have a complaint or want more information, contact the IFC Judicial Committee Chairman or the Rush Chairman (W20-413). During R/O Week they can be reached through Clearinghouse and/or the R/O Center.

Student House

Student House is an MIT-recognized cooperative coed dwelling. Because it is a cooperative, it costs approximately half the MIT estimate for room and board, a savings of about $2000. Student House often has openings and accepts applications year-round. For more information call, write, or drop by at the House itself (111 Bay State Rd., Boston, x3-3157 or 247-0506).

Sometimes I wonder if I'm in my right senses. Then it passes off and I'm as intelligent as ever.

— Samuel Beckett

On-Campus Graduate Housing

Ashdown House: Procedures for getting into Ashdown House differ considerably from those of other houses. Graduates may apply as soon as they are admitted; so may those already living here and living off-campus. A lottery is held on approximately June 1 to fill the fall vacancies, and a waiting list is set up, from which the top 20 (more or less) people are usually accepted by August 15. After that, the waiting list is abolished and any remaining spaces are lotteried off during R/O Week (watch for notices). The probability of your getting in at the beginning of the spring term is fairly good (apply in December). Once you're in, you can stay until you finish your studies. Contact the Office of the Dean for Student Affairs (7-133, x3-4051).

Note: Even if you start at the beginning of the summer term, you must apply for the June 1 fall lottery.

Green Hall: Small, all women's dormitory. Opened last year, hard to get into.

Tang Residence Hall: Assignments are made according to a Reference-Waiting list which gives highest priority to persons requested as roommates by current residents. To fill other vacancies, a lottery is held on June 15. Chances for getting in are better if occupancy begins during the summer. Those wishing to live at Tang should go to the Housing Office (E18-301) to fill out the forms.

Married Student Housing

Eastgate and Westgate: The application process for these units is unique. For information concerning this process, the availability of openings, and a description of their physical facilities consult the booklet entitled *Welcome to MIT: A Practical Planning Guide for New Graduate Students,* available in the Housing Office (E18-301).

Off-Campus Housing

People who live in glass houses make interesting neighbors.

— anonymous

The housing situation around Boston is *bad.* Rents are high, quality is low, and tenant rights with respect to landlords are not well established. Be careful when looking for housing, and get all the help you can find. The first resource listed below, namely OCHS, should be an invaluable asset, if you make adequate use of its facilities.

Off-Campus Housing Service

If you think you want to live in an apartment, or even if you already have one, go to the Off-Campus Housing Service (E18-301, x3-1493). Ask for *A Guide to Security Deposits* and *Shopping for an Apartment,* which are sources of information on the legal and contractual side of renting. Like all OCHS services, it is free to MIT people.

Basically, you will have to:

1. Find an apartment. The OCHS operates a service for helping people find roommates and/or vacant rooms, and they maintain listings of vacant apartments. Plan on

checking the lists early and often (like starting in July for a September lease), as the best offerings are taken quickly. There are commercial outfits which can find non-MIT roommates, though OCHS doesn't limit itself to Institute people, either.

2. See the apartment. Sign *nothing* until you are sure that the apartment is suitable and habitable; don't trust any verbal agreement. Also *do not* pay for anything before seeing the apartment.

3. Sign an application form and make a deposit. The larger realty companies require this. It is mostly to ensure that you can pay, but they can refuse your tenancy for very simple reasons, although grounds such as race, sex, age, nationality or possession of children are illegal. Once you sign the application, the landlord can force you to sign the lease, so read the lease first. On the other hand, there is no corresponding obligation for the landlord; he is *not* under contract until the lease is signed. Don't sign more than one application, or you could be in serious trouble.

4. Sign the lease. If your lease is the standard form of the Greater Boston Real Estate Board, or one of the forms used by several large realty firms, it will be several pages of obfuscatory small print. If you rent from an individual, the form will (hopefully) be short and simple. **Read it.** If something isn't specified it will work to your disadvantage, you can be sure, and you may be liable for rent even if it goes up halfway through the year. At the end of the year, you may be forced to rent for another twelve months unless you give notice some specified time in advance. The people who work in OCHS will be happy to examine the lease for you, and explain what the clauses mean and where you may have trouble. A lease is a contract. It can be enforced.

Prices vary widely, but they are high, compared to other cities. You will usually have to make a security deposit of from one to two months' rent. Leases usually run from September 1 to August 31, so remember that you are also promising to rent for the following summer. Subletting is legal only if the landlord agrees in writing, in which case you are still responsible to him.

It is also possible to rent by the month or even by the week, such an arrangement being called a Tenancy-At-Will. In this case the lease may be terminated by either side on written notice of the rental period plus one day. Furnished rooms may be had, and may include cooking privileges.

The Off-Campus Housing Service is always ready to handle questions and complaints related to off-campus housing. They maintain files on all kinds of relevant information: which of the local schools are worthwhile, official definitions of adequate heat and water, legal problems such as rent control, furniture stores and rental agencies. Also they have telephones on which you can call agents and landlords.

Non-Resident Student Association (NRSA)

All undergraduate students not affiliated with dormitories, fraternities or Student House belong to the NRSA by definition; its facilities, parties and teams are open to all members.

The NRSA house at 311 Memorial Drive (dl 9166) has beds for transients, showers, a meeting room, a small library, a kitchen, locker facilities, food storage facilities (including two refrigerators, one of which works well) and a tutor.

NRSA sponsors regular parties, cookouts, beach parties, and seasonal social events. A big part of NRSA is its athletic teams. Sign up in the house, check the NRSA bulletin board (Building 4 main corridor) or call the house or Athletic Chairman.

The major advantage of NRSA is that it furnishes a place to relax, meet people and do things you can't do at your room or the Institute. If you want to keep in touch with NRSA people, get your name on their mailing list.

Moving Between Modes

Generally, the difficulties involved in moving from one mode of residence to another are considerable. You can't move from a dorm to a fraternity unless invited. Finding an off-campus apartment can be a hassle, and once you're out of the dormitory system, it's difficult to get back in; it is advisable to think out your moves carefully.

Transferring Within Dormitories

There is little problem. Consult your house room assignment committee for transfers to vacant rooms. In arranging a swap, make sure you are not violating any priority system.

Transferring Between Dormitories

The simplest way to transfer between dormitories is a one-for-one switch; find someone in your target dorm to trade spaces with you. This procedure is usually easiest between terms, though you can do it anytime. But note that you may not be able to trade rooms, only spaces — entering into a dorm as a newcomer, you may go to the bottom of its priority list; check with the room assignment chairperson first. Then contact the Dean's Office (7-133, x3-6777) to get final approval and settle administrative details.

Changing dorms without a switch is a bit more difficult, the chief constraint being available space. It is easiest at the end of the school year, and not too bad between terms. Check with the Dean's Office (7-133, x3-6777).

Transferring from a Fraternity to Dormitory

If you decide during your freshman year that you wish to move from a fraternity to a dormitory, the Institute's housing policy guarantees you a space. See the Dean's Office (7-133, x3-6777). After freshman year, this can be difficult. Check with the Dean's Office. If you leave a fraternity you must pay the fraternity whatever you owe them before obtaining a dorm room. You should, in return, expect a proportionate refund from a fraternity at some time of the year — but the system varies from house to house.

Leaving the Dorm in Midterm

If you get a room in the dormitory system, you are considered responsible for that room unless you leave the Institute (see below), move to a fraternity or Student House, or explain to Kathy Haskell. Also, there usually is a "free" cancellation period near the end of the fall term; an announcement about this goes to all dorm residents late in the term.

If you withdraw from the Institute you must leave the housing system. During the first 12 weeks of the term, you get a proportionate refund.

People who withdraw from MIT (either on voluntary or required withdrawal) and then return have as much chance of getting fall dorm space as a regular transfer, i.e., pretty good (the Institute now offers transfer students on-campus housing as availability permits). If you retain your MIT student status while absent from the Institute (for example, Domestic Year Away, etc.), you do not generally lose your place in the dorm system, provided that you notify the proper authorities in advance.

For more information on any aspect of this problem, go to the Dean's Office (7-133, x3-6777).

Student Law

Most organized living groups and living group associations (e.g. IFC, Dormcon) have judicial committees, and laws which they enforce. These are student organizations enforcing student rules; consequently their power is limited, though they are backed by higher sources of power. Their regulations are printed and usually given to incoming members of the group. These rules are often quite flexible and subject to waiver for special cases.

If you have received a bad judgment, there are usually several ways to appeal, either within the local system, through the Undergraduate Association or Graduate Student Council Ombudsman, the Dean for Student Affairs Office, or the Committee on Discipline. Usually you should use the appeals procedures of the group involved first before trying any higher power.

Eating

Commons

It is somewhat ironic (and fitting) that Compulsory Commons returned to MIT with the Class of 1984. . . .

Meal plans are of the 'point' variety: three points are required for the purchase of dinner, two points for lunch, and one point for breakfast. The minimum purchase is 160 points; additional points may be purchased in 50 point blocks.

Meals may be purchased with or without seconds on entree, dessert, and vegetables. All meal plans in house dining halls in McCormick, Baker, MacGregor provide unlimited beverages, bread and salad. 500 Memorial Dr. is an à la carte dorm, you pay for what is on your tray.

Included with the purchase of a meal plan is a Vali-Dine picture ID with a magnetic strip on the back. This card will be used to pay for meals on the meal plan, to extend your meal plan in 50 point blocks when your supply runs out (at a lower rate than the initial 160 points), and to purchase à la carte meals and snacks in the dining halls that have à la carte service (Lobdell and Walker) and in snack bars (Twenty Chimneys, Pritchett Lounge and 500 Memorial Dr. grill). You may charge up to $100 in à la carte purchases before your credit runs out.

Purchases of a meal plan are required for freshmen, sophomores, juniors, and seniors in Baker, McCormick, MacGregor, and 500 Memorial Dr. Sophomores have a smaller minimum purchase than freshmen, etc.

On weekdays, contract meals are available in Baker, McCormick, MacGregor. A la carte meals are available in Walker, Lobdell, and 500 Memorial Dr. during the week as well. On weekends, Lobdell Dining Hall (in the Student Center) is the only Commons facility open. Baker House dining hall provides 'late' dinners Monday through Thursday.

There is machinery for overseeing Dining Services' management, quality of services, and responsiveness to student needs. It should be noted that this only came about due to student protest; if you don't air your gripes, this regulation will become useless. Anita Walton (7-133, x3-4051) is the Coordinator for Dining and Residence Programs. She is responsible for the design, implementation, and evaluation of the dining program. In addition, she will serve as the interface between the ODSA, Food Services, and the student body. If you care about what you currently eat and what you will be eating in the near future, don't be a stranger; go over and say 'Hi."

MIT institutional food is above-average for college campuses. (Ask any Harvard student — he'd die for the slop we get here). However, that doesn't say much. It is also of questionable nutritional value and very overpriced. (You can buy orange juice at Stop and Shop cheaper than Food Services pays for theirs.)

Commons will cost you $7-12 per day (three meals a day). Sign-up for Commons occurs at the beginning of each semester, before people have time to figure out how much more it costs than purchasing meals à la carte. Dining hall hours vary, but approximate times are 7-10am for breakfast, 11am-2pm for lunch, and 5-7 for dinner. During vacations most dining halls are closed. For more information on Commons contact Kevin Smith in the Meal Plan office (E18-375, x3-2815).

Cooking It Yourself

Many students at MIT prefer to cook for themselves. There are a number of advantages to supplying your own meals, one being that you can choose what, where, and when you eat. Economical differences are by no means trivial, either; you can easily save 50% over Commons prices, and a thrifty student can cut the cost (and his gain in body weight) by ⅔ or more. Other factors to consider when deciding about cooking for yourself are your ability to cook and time commitments. It takes a non-negligible amount of time each day to cook and clean up. Many students find that getting together with friends to cook can save a lot of time and money.

Facilities for cooking range from practically nil to complete kitchens. Be sure to check the cooking facilities in any dorm you are considering, even if you're sure you don't want to cook for yourself. Commons has changed quite a few minds in this respect. Used refrigerators are common in the dorms and not that hard to come by. Functioning refrigerators can be purchased for $30-60. Check the ads in *Tech Talk* and on the walls of the Institute. Quite a few students make do with hotplates and the like in their rooms as their only means of cooking, so don't give up hopes of cooking for yourself because of lack of kitchen space. The Institute does frown on cooking in dorm rooms, though.

Kosher Kitchen

The Kosher Kitchen is located in the basement of Walker Memorial (50-005). It serves five dinners per week Monday through Friday. The meals are catered and served, and everybody is expected to pitch in to help clean up. For more information call the Hillel Office (x3-2982).

Summer Residence

Many people prefer not to go home for the months of June, July and August. For such people, the situation is far from hopeless. Most dormitories stay open, although they will probably consolidate summer residents to fill one floor or one entry. The rest of the space will be filled at times with alumni here for Alumni Weekend, conventioneers, or other visitors. The rent is comparable with the regular rent; all this is explained in a handout which is sent to dormitories in the spring. Some fraternities offer a better deal. Rather than have rooms standing empty, they will take in people for the summer at low rents. Others are just as expensive as the dorms. Some apartments are also sublet at reasonable rates.

I don't take life too seriously . . . after all, I won't come out of it alive.
Park St. Graffiti Board



Facilities

MIT is in many lines of business; perhaps you have come into contact with its educational subsidiary. In addition to facilities directly related to education, the Institute has machine shops, art studios, graphic services, and all the comforts of a large resort community. Whatever your heart desires, it is probably available right on campus.

Finding exactly what you want, however, is not always easy. You might start with the Information Office (7-121, x3-4795). Or you can take a fantastic voyage through the pages of your MIT phone book.

We list here only a few of MIT's more interesting, easily accessible facilities. Institute museums are found in **Things To Do.**

Libraries

The MIT Library System

Five divisional libraries — Barker Engineering, Dewey, Humanities, Rotch, and Science — as well as several branch libraries and special service units make up the MIT Libraries. The system is not as complicated as it sounds because each of the divisional libraries houses major subject collections that correlate generally to MIT's five Schools: Barker, the engineering collection; Dewey, social sciences and management; Humanities; Rotch, architecture and planning; and Science.

To find out which library covers a particular subject or where a certain book is, call or visit the Institute Library Catalogue (ILC) in the Humanities Library (14S-200, x3-5681); the ILC contains a record of all catalogued material in the MIT Libraries. If you want to have a book that is located in one library delivered to another MIT library more convenient for you, telephone 3-5681 to place the request.

The major library units are:

Aeronautics and Astronautics (33-316, x3-5665)
Barker Engineering (10-500, x3-5661)
Chemistry Reading Room (18-480, x3-1891)
CLSS (Computerized Literature Search Service) (14SM48, x3-7746)
Dewey (Management and Social Science) E53-100, x3-5676)
Humanities (14S-200, x3-5681)
Institute Archives and Special Collections (14N-118, x3-5688)
Lindgren (Earth Sciences) (54-200, x3-5679)
Microreproduction Laboratory (14-0551, x3-5668)
MIT Museum and Historical Collections (N52-260, x3-4444)
Music (14E-109, x3-5689)
Reserve Book Room for Humanities and Science (14N-132, x3-5675)
Resource Sharing Center (N51-230, x3-7040)
Rotch (Architecture and Urban Studies) (7-238, x3-7052)
Rotch Visual Collections (7-304, x3-7098)
Schering-Plough (Health Sciences) (E25-131, x3-6366)

Science (14S-100, x3-5671)
Student Center Library (reserves) (W20-500, x3-7050)
Von Hippel Materials Center Reading Room (13-2137) (for access see CMSE, 13-2098, x3-6841)

Some general notes on the libraries:

Your MIT student, faculty, or employee ID serves as an MIT library card and must be presented when books are checked out. Families of MIT students, faculty, and employees are entitled to full library privileges with an affiliate card, which may be obtained by applying at the Hayden Library circulation desk (Building 14).

Brochures describing the libraries, their hours, and their services are available at each unit.

You may renew no more than three books by phone if they are not overdue; all you need is the call number. To renew more than three books, visit the library in person, or send them a list (preferably in catalog number order) of the books you want renewed.

A three-day grace period is given on overdue books, but after that, the fine includes these first three days. Fines should be paid *when the book is returned;* if not, the library will charge a minimum $5.00 fine for billing.
You may order a search for a book you don't find on the shelf; ask at the circulation desk.

All libraries have 10¢ copy machines.

If the MIT Libraries do not have something you want, you may be able to get it through the Interlibrary Borrowing Service or the Boston Library Consortium. Members of the Consortium are Boston College, Boston Public Library, Boston University, Brandeis University, Northeastern University, Massachusetts State Library, Tufts University, University of Massachusetts Amherst/Boston/Worcester, and Wellesley College. You may apply for a Consortium card at Humanities Reference (14S-200, x3-5683); the Interlibrary Borrowing Service is also in the Humanities Library (14S-234, x3-5684).

"Reserve" collections of books required for courses are scattered among various libraries. Reserve books may circulate only within the library and overnight. Heavy fines are charged *by the hour* if you return them late. If you need to keep a reserve book out longer, check to see if there is a copy in the regular collections. The Student Center Library is a non-circulating collection, open 24 hours a day, of books and articles selected by faculty members as required reading for MIT courses with large enrollments.

In a free country, it is the duty of writers to pay no attention to duty.

— E. B. White

Special Features of the MIT Libraries

Barker Engineering Library has audio-visual instruction on how to use the card catalogue, selected printed indices, super 8 film loops, and videotapes. Barker also has many tapes on Institute courses. The Institute Archives and Special Collections has

manuscript and archival collections, MIT theses, and rare books. The Humanities Library has best sellers, leisure reading, college catalogues, telephone books, and general magazines and newspapers. The *Official Airline Guide,* as well as information on airline history, is available at the Aero/Astro Library. The Reserve Book Room has mystery novels in addition to books on reserve for Humanities and Science Department courses. Rotch Library often has interesting art and architecture exhibits, as does Rotch Visual Collections, where slides, films, and videotapes are housed. The Stein Club Map Room in the Science Library contains USGS topographic maps. Other maps, including ones on geology and oceanography, are in Lindgren Library, where there is a seismograph that picks up earth tremors throughout the world. The Student Center Library has a 24-hour computer room with access to MULTICS at 4800 baud and other dial-ups at both 300 and 1200 baud.

Classic: a book which people praise and don't read.

— Mark Twain

Other Libraries at MIT

There are quite a few departmental and laboratory reading rooms, often containing materials unobtainable elsewhere. Many have thousands of items in specific fields.

The MIT Science Fiction Society Library, a student maintained facility, has the world's largest open-stack SF collection (W20-473, dl5-9144). Hours are irregular (though usually posted on the door) and browsing is encouraged. You must be a member to borrow books: membership costs only a few dollars per term.

Some dormitories support their own small libraries. Check with the main desk.

Many faculty members have personal libraries from which some students may borrow.

The MIT Outing Club (W20-461, x3-2988) has a small reference library of outdoor guidebooks, instruction books, safety books, expedition histories, outdoor periodicals, and New England and New York USGS topographic maps.

The Religious Counselors' Building (W2A) has Catholic, Protestant, and Jewish collections. The Hillel Library has 2800 volumes of Judaica in several languages.

Other Libraries Around Boston

Don't limit yourself to MIT Libraries. The Boston area has many excellent libraries that students can and should use.

Harvard University has a tremendous library system, but it is difficult to get stack privileges. A letter from an MIT librarian verifying that the materials you want are unavailable at MIT or any Consortium library should be all you need to be given restricted access to Harvard Library materials. Ask at any MIT library for further information. The easiest way to use another university library is to get a friend there to take out books for you.

Wellesley College Libraries loan books to MIT students. The hours are 8:30 am to midnight on weekdays, 9 to 9 on Saturdays, and 10 am to midnight on Sundays. You can take out as many books as you want and they may stay out for four weeks. Fines are cut in half if you pay when you return books. The Wellesley Library reference desk can be reached from an MIT extension by dialing x187-0320.

Boston University's Mugar Library is on Commonwealth Avenue at the BU Student Union. It has extensive and wide-ranging collections, pleasant atmosphere, and is a good place to meet BU students and study. MIT students need a pass to enter; a BU pass is obtainable at any MIT Library for use of materials not available here. These materials may only be used within the Mugar Library.

Boston Public Library at Copley Square (with branches elsewhere) is a large research library. It also has many circulating books (which are often unshelved and generally hard to find) and stereo records (which are normally in rather poor shape unless you get them when they're new), out-of-town newspapers and periodicals, and loads of reference material. It's open M 1-9, TWR 9-9, F 9-5 and closed on weekends. To get your card, show your MIT ID and fill out an application form. Suburbanites are also eligible for cards.

Cambridge Public Library (449 Broadway, branches and bookmobiles) is large and easy to use (open stacks). It usually has several copies of the current best sellers. Reserve one and wait your turn. If you don't live in Cambridge you must show a BPL or other library card to get a card.

Brookline has a public library (361 Washington St. and branches) whose collection is similar to Cambridge's. Cards are free to Brookline residents; others must pay $3.00.

All the suburbs and towns around Boston have their own libraries. Collections are normally aimed at the general reader and all have special children's sections. Some have film and lecture programs.

There are several special-topic libraries around Boston: some (such as the Athenaeum) have formidable defenses against entrance by common students. Check with the MIT librarians if you're interested or have special needs.

Services for Children

MIT does provide a few services for children of members of the MIT community. These services include day care, a pediatric clinic, and athletic facilities.

Day Care

There are currently three child care programs for pre-school children operating on campus that are available to all members of the MIT community. **Family Day Care** (licensed home care for groups of usually 2-4 children) is available full- or part-time, on campus or off campus, for children from infancy to five years. **Full Day Care** and **Half Day Nursery School** are available for children 3-5 years old through **Technology Children's Center.**

Information about eligibility requirements, fees, and availability of space can be obtained from the Child Care Office (4-144, x3-1592).

The Child Care Office starts from the premise that child care is for parents too, and can help you to determine what is the most suitable care for you and your child. They can refer you to services off as well as on campus.

Medical Services

The Medical Department's Pediatric Clinic, staffed by two pediatricians and a pediatric nurse practitioner, is available to the children of the faculty, staff, employees, and students. Visits are on a fee-for-service basis and include well-baby exams. Fees are covered for dependents of employees on the MIT Health Plan.

Athletic Facilities

Children of those with athletic cards are admitted free to the skating rink and the swimming pool. However, they are allowed to use these facilities only during a limited number of hours. They have no privileges at the duPont Athletic Center.

The new Athletic Center has an indoor skating rink on the first floor and a fieldhouse on the second floor. For information regarding lessons given in these facilities, call the Athletic Department headquarters (x3-4498).

Swimming lessons for MIT community children are provided by the Athletic Department. They are held on Saturday mornings beginning in late September and continuing through mid-November. To allow individual instruction, classes are limited in size, and are restricted to children between the ages of 6 and 14. Again an athletic card and fee are required. For further information on these services, call the Athletic Department headquarters (x3-4498).

During the summer, the Athletic Department sponsors a Day Camp for MIT community children beetween the ages of 6 and 14. Notices about registration are mailed in January or early February. A staff of trained counselors gives instruction in swimming, tennis, sailing, and a variety of other activities. The Camp continues for eight weeks, and children may be registered for any combination of two-week periods. For further information, call Director Fran O'Brien (x3-5007).

Other Services

Audio-Visual

Audio-Visual (4-017, x3-2808) rents out projectors and projectionists, tape recorders, public address equipment, overhead and opaque projectors and other AV equipment. They supposedly keep their prices low, but you may be able to get a better price at your friendly neighborhood camera store.

Chapel

The MIT Chapel is open daily from 7 am to 11 pm for private meditation. Services of many faiths are held throughout the week; check the Calendar in *Tech Talk* for a listing of all religious activities. The Chapel is available for weddings, christenings, memorials, and other services; scheduling is done through the ODSA (W20-345, x3-7974). For more information, see **Religious Groups** in the **Groups** chapter.

Computer Time

There are many computers on campus, and several means of getting time on them. The Student Information Processing Board (SIPB, 11-205, x3-7788) manages a budget for computer time for general student use. Check with them for more information.

To use the IPC computers, you must have an account. Check with the User Accounts Office (3-123, x3-4118) for a new account or see whether your advisor or members of your research group have a number that you can use.

Computer Text Editing

The Student Information Processing Board offers a computer text-processing service, which can be helpful in the preparation of reports, resumes, and the like. For more information, stop in at SIPB (11-205) between 1 and 5 pm weekdays, or call x3-7788 anytime.

Endicott House

This house, located in Dedham, is open to any group associated with MIT, but not for private entertainment purposes. It is not cheap. For reservations and more information call the director at 326-5151.

Faculty Club

Membership in the MIT Faculty Club is open to all faculty and staff and their families. Membership carries reciprocal privileges with the Harvard and Wellesley Faculty Clubs. The Club is located on the sixth floor of the Sloan Building at 50 Memorial Drive (Bldg. E52) and serves luncheon and dinner Monday through Friday, except on holidays. Special club events such as buffet suppers and dinner-dances are regularly scheduled and announced to the membership. For reservations and information, call x3-4896.

Graphic Arts and Reproduction

The Graphic Arts Service, housed mainly at 211 Mass. Ave. (N42, x3-4765), provides a wide range of services, only a few of which are mentioned here. The Mailing Service offers typing, stencil addressing, and bulk mailing. The Photographic Division can produce portrait, passport, identification, and thesis photographs, and handles photostat work. They also have an Illustration Service with typesetting capabilities and an Offset Printing Department. Counters for while-you-wait Xeroxing are at 2-217 (x3-6911), 11-004 (x3-2806), E51-012 (x3-5203), and 1-252 (x3-3883). The quality is very good, but it may be worthwhile to check the prices of commercial outfits for large tasks. (see **Duplicating Services** in the **Shopping** chapter).

There are Xerox copiers in the various libraries, and a copier in the Student Center Library, which is available 24 hours a day.

If you're more interested in hectograph (ditto) printing, visit **TCA** (W20-450), which has a couple of machines and sells stencils and paper. **TCA** also has silkscreening equipment which can be used for posters and shirts. For more information, call **TCA** at x3-4885.

The Tech (W20-483, x3-1541) has a production shop which it uses to turn out its newspaper. They have typesetting, headlining, and photographic equipment, complete with staff, all of which can be had at a price. **HowToGAMIT** *used* to be typeset by the Tech.

LSC (W20-469, x3-3791) has three offset presses; the larger two accommodate paper up to 17½" by 22½" in size. You can hire someone from LSC to operate the press for you; assistance with copy preparation and folding are also available. LSC movie publicity is a product of these presses and the results, which vary, can be quite good. Check with the LSC Publicity Director (x3-3791) if you're interested.

APO (W20-415, x3-3788) has a classic handset platen letterpress, which is slow (but cheap) compared to modern presses. It is operated only under the supervision of qualified APO brothers. Talk to the APO Letterpress Chairman or any qualified operator.

Hobby Shop

The Hobby Shop (W31-031, x3-4343) is located in the basement of the Armory. George Pishenin is in charge of it, and the hours are 10-6 Monday through Friday. It has woodworking equipment, a machine shop for metalworking, and a photo lab. Shelves, tables, championship sailboats, speaker enclosures, looms, dulcimers, and harpsichords have all been constructed in the shop. Novices are welcome as they give the more experienced users a chance to teach. A good way to get started is to take one of the IAP courses. Memberships cost $15/term for students, and $25/term for everyone else. It is open fall, spring and summer terms.

The reward of a thing well done is to have done it.

— Emerson

Lab Supplies

Lab Supplies sells many things used on projects and in labs. In order to get an item from them, you'll need an account number and a requisition form; they do not sell for cash. Students can open accounts at 4-256 (x3-4959). You may have to open one if you take certain lab courses.

Language Lab

Lessons in German, Spanish, French, Russian, and a dozen other languages can be heard in the Language Lab (14N-0645, x3-2310) or in remote booths in McCormick, Burton, Baker, the Hermann Building, the Student Center Library, Russian House, and New House. Standard MIT course tapes are available from all booths, 24 hours a day. Other tapes, including prose, poetry, plays, and musical "ear-training exercises" are available only when the lab is open. The entire MIT community can use the lab at no charge.

A translation is like a mistress — either beautiful and unfaithful, or faithful and ugly.

— Russian proverb

Machine Shop

If you need to use a machine shop, your best bet is to check within your department. Most shops have lathes, mills, presses, etc: the Chemistry Department has a glassware shop. Check around for the equipment you need, and then ask. Rules vary with the shops, but all of them expect you to furnish your own supplies.

The most difficult thing in the world is to know how to do a thing and to watch someone else doing it wrong, without comment.

— T. H. White

Metallurgy Shop

For creative metallurgy or just hacking, 4-043 (Tony Zona, 4-141, x3-5297) is the place to be. You can learn welding, brazing, and soldering by enrolling in 3.19 (a prerequisite for use of the shop), but the subject is always oversubscribed. Check for metallurgy instruction over IAP if you don't get into 3.19 during the term.

Microreproduction

The Microreproduction Laboratory (14-055, x3-5668) can turn printed materials (such as books, magazines, newspapers, or theses) into microfilm, microfiche, or slides — or turn any of these into full-sized paper copies. You can also have papers bound for you (e.g. reports, theses). Call for prices.

It is perfectly clear that this is very ambiguous.

— Ralph Feldberg

Music Practice Rooms

Practice rooms *per se* are rare. A few are scattered within the living groups. There are five upright pianos in the Student Center. Check at the Student Center Library desk if you want to use one. A grand piano, which a rank amateur might consider playable, is available at Walker Memorial. Actually, it is beyond repair. The Cheney Room has a Steinway. Most dorms own pianos.

Note: Practice rooms tend to lack music stands, so bring your own.

Observatory

The G. R. Wallace Astrophysical Observatory can be used by students both in classes (12.117J, Observational Techniques of Optical Astronomy) and for individual projects. All scheduling is done through the office of the director, Prof. Elliot, (Course XII, 54-422, x3-6308). The Observatory is 40 miles from Cambridge in Westford. It has a 24″ and a 16″ scope. The 24″ is sometimes difficult to get time on, while the 16″ is accessible for projects of any merit.

Student Art Association

Although called the Student Art Association, this facility is actually open to anyone in the MIT community, although preference is given to students. SAA has superb facilities for ceramics, drawing, jewelry, painting, silk-screening. Chinese brush paint-

ing, calligraphy, etching, and hosts of other arts. It also has an excellent darkroom and general photographic facilities. Classes in ceramics, photography, and drawing are offered during fall, spring, and summer terms and IAP. Fees are charged $15-70 for classes, $5-10 less for use without instruction). The office is on the fourth floor of the Student Center (W20-429, x3-7019), office hours are 1-5 weekdays.

Student Center

The Student Center (W20) is the primary focus for student activities at MIT (Walker Memorial, Bldg. 50, also houses many activities). Most large activities are crowded into the fourth floor of the building. Other facilities located in the Student Center include a dining hall, a snack bar, lounges, the Tech Coop, a post office, a tailor (handles dry cleaning and shoe repairs), an optician, a barber shop, a giant TV, ping pong and pool tables, video and pinball games, a bowling alley, a 24 hour coffeehouse and the Student Center Library.

The **Student Center Committee** (W20-347, x3-7019) has worked to make the best use of the Student Center. The SCC is responsible for all student use of the Student Center. They sponsor several Student Center activities, including live band parties, the Mezz, and the Student Center Cinema, showing free movies at midnight on Saturdays.

Talbot House

Talbot House is a Vermont farmhouse available throughout the year to MIT student groups. It is located in Woodstock, near several major recreational facilities including skiing, hiking, horseback riding, and golf areas. Apply early! Scheduling is done by a student committee through the Dean's Office (7-102, x3-4158).

Typewriters

The Student Center Library has Selectric typewriters for general use. The price is 25¢/30 minutes. They are kept locked and you'll have to go to the desk in order to use them. It is cheaper and usually easier to get a typewriter from an office where you have connections or from a friend.

MIT Medical Department

The MIT Medical Department, in the Health Services Center (E23), is a multispeciality group practice which employs 23 full-time and 40 part-time physicians as well as other professional support personnel. The Department's medical staff provides primary care in the areas of internal medicine, surgery, and pediatrics. The Department also provides on campus most medical specialities, a pharmacy, a full-time optometry service including contact lens services, and diagnostic testing facilities including a laboratory and an x-ray department. A dental service which offers treatment for students and their spouses is available on a fee for service basis.

All visits to the Medical Department are by appointment except in emergencies. The regular hours of the Department are from 8:30 am to 5:00 pm, Monday through Friday except for holidays. **At all other times, emergency medical care is available through the MIT Off-Hours Service. Telephone 253-1311 day or night for advice.** House calls are not made, but if someone is too ill to come to the Health Services Center without

assistance, the Medical Department should be notified and will recommend suitable help.

Services provided by the Medical Department include:

Allergy 253-4460
Dermatology 253-4295
Ear, Nose, Throat 253-7870
Eye 253-4351
Health Education and Information 253-1316
Inpatient Service 253-5486
Laboratory 253-4239
MIT Health Plan 253-1322
Nutrition 253-4351
Orthopedics 253-2974
Patient Billing (Employees) 253-4372
Pediatrics 253-1505
Pharmacy 253-1324
Social Work 253-4911
Surgery 253-1302
X-Ray 253-4905
Dental 253-1501
Diagnostic Testing 253-1777
Medical Director 253-4487
Gastroenterology 253-1681
Off-Hours Service 253-4481
Internal Medicine 253-4481
Medical Records 253-4980
Neurology 253-4460
Obstetrics/Gynecology 253-1315
Patient Advocate 253-1316
Patient Billing (Students) 253-4303
Personal Assistance Program 253-4911
Psychiatry 253-2916
Student Health Plan 253-4371
Urology 253-1302

A major goal of the Department is to make high quality medical care accessible to the entire MIT community. Members of the community are encouraged to identify a primary physician for consultation whenever an illness, problem or question arises. If the primary physician is not available and the need is urgent, the patient will be seen by a physician-colleague, nurse practitioner, or physician's assistant, with subsequent referral if needed. In this way, patients who call or come to the Department for care are seen by a health professional on the same day.

An 18-bed Inpatient Service is operated by the Medical Department for patients who cannot be cared for at home but for whom hospitalization in a general hospital is inappropriate. Children are not admitted to the Inpatient Service but, if necessary, are referred to a nearby hospital offering pediatric care. Patients requiring major surgery or treatment for serious illness are sent to one of the Boston or Cambridge hospitals where their care is usually supervised by one of the Medical Department physicians or surgeons.

Whether a patient will be billed directly for services rendered at the MIT Health Services Center depends on the health program in which the MIT student, affiliate, or employee is enrolled. The cost of off-campus medical care and hospitalization is extremely high in the Boston area. For this reason, it is extremely important that everyone maintain adequate health insurance.

Brochures describing the Medical Department, the Student Health Program, the Affiliate Health Program, and the MIT Health Plan for employees are available in the MIT Health Plans Office (E23-308). Your questions or suggestions for improvement within the Department are always welcome and can be directed to any staff member or to the Patient Advocates.

Go not for every grief to the physician, not for every quarrel to the lawyer, nor for every thirst to the pot.

— George Herbert

Non-MIT Medical Services

Dental Clinics

Boston University Medical Center (see general clinics, below).

Forsyth Dental Center (140 The Fenway, Boston, 262-5200, MBTA: Arborway Green Line, Northeastern Stop). Teeth cleaning $4 with student ID. Follow up visits are free. This is a teaching clinic where students work on you under faculty supervision. All work is careful and well supervised. All dental services are available.

Harvard School of Dental Medicine (Longwood Ave., Boston, 732-1000; MBTA: Longwood). Another teaching clinic, this one has very thorough service. You can be examined by either a student or a faculty member, and emergency same-day service is available.

Tufts-New England Medical Center (1 Kneeland St., Boston, 956-6828; MBTA: Green Line, South Station or Orange Line, Essex). Full range of dental services is available. Work is done in faculty-supervised student learning clinics.

Emergency Clinics

Bridge Over Troubled Waters (23 Beacon St., Boston, 227-7114; MBTA: Park St.). Free clinic providing medical, dental and counseling services. A street survival clinic dealing largely with runaways. Can sometimes be found behind Out-of-Town News in Harvard Square.

Legal and Psychological Clinics

Cambridge Problem Center (1 West St., Cambridge, 661-1010). Started by Dr. Joseph Brenner of MIT's psychiatry department. Staff of forty counselors provide free legal aid to people with low incomes and psychological counseling to almost anybody who desires it. Drug counseling is available, but no treatment is provided. Appointments are needed.

Eye Clinics

New England College of Optometry Clinic (472 Commonwealth Ave., Boston, 536-4252; MBTA: Kenmore). Optometry students give incredibly thorough eye examinations for $25 ($18 with student ID). Exams take about 2 hours. Open 9-2. Contact lens clinic hours are Monday to Thursday 5:30-8:30 and Saturday from 9-2.

Massachusetts Eye and Ear Infirmary (243 Charles St., Boston, 523-7900; MBTA: Charles). Handles all aspects of eye, ear, nose and throat problems. Provides diagnosis and treatment. Has an emergency ward.

General Clinics

Boston University Medical Center (75 E. Newton St., Boston, 247-5000). A teaching clinic offering less expensive medical and dental care.

New England Medical Center (171 Harrison Ave., Boston, 956-5000). Associated with Tufts University. Comprehensive medical and dental care. Diagnostic and referral services. Appointments within 24 hours for specific problems. Emergency care. Staffed by fourth-year medical students.

Hospitals

Cambridge City Hospital (1493 Cambridge St., Cambridge, 498-1000). Teaching hospital for Harvard Medical School, providing all types of surgical and diagnostic services. Appointment-only outpatient clinic. 24-hour emergency ward. Sponsors ten neighborhood health clinics throughout the community.

Children's Hospital (300 Longwood Ave., Boston, 735-6000). Usually patients up to age 21. General medical and surgical inpatient service, and extensive outpatient clinics. Handles everything from dental care to plastic surgery. 24-hour emergency service.

Kennedy Memorial Hospital for Children (50 Warren St., Brighton, 254-3800). All services through age 21. Extensive outpatient clinics, rehabilitation hospital for inpatients. 24-hour emergency ward.

Mass. General Hospital (Charles St., Boston, 726-2000; MBTA: Charles/MGH). Nearest hospital to MIT. General walk-in clinic Monday-Saturday, most clinics by appointment. Regular hospital facilities. 24-hour emergency care.

Mount Auburn Hospital (330 Mt. Auburn St., Cambridge, 492-3500). General services, outpatient clinics, walk-ins accepted. 24-hour emergency care, specialists on call.

Sancta Maria Hospital (799 Concord Ave., Cambridge, 868-2200). General medical/surgical hospital. Outpatient clinics. No maternity care. No pediatric care. 24-hour emergency care.

Medical Insurance

Along with the student health plan, students must purchase MIT insurance for outside hospitalization if not already covered by non-MIT insurance. The cost is $216 for two terms, beginning Sept. 1 of every year. Insurance packages are available for student and spouse at $798, and for student, spouse, and one or more children at $990. For a health fee of $300, a student's spouse may have medical services comparable to the student's own. After 8 months of continuous Blue Cross/Blue Shield coverage, students' spouses receive a $1,250 maternity benefit, and the pregnancies of women students are covered in full. The costs of the various plans will be increasing prior to the 1984-85 school year.

If you are trying to decide whether to buy the health and accident policy offered by MIT to supplement your own family's policy, compare the benefits offered by both. The director of the MIT Medical Department, Dr. Melvin Rodman, considers the MIT insurance the *minimum* you should have to cover medical expenses reasonably expected. Questions regarding any facet of medical insurance can be directed to the Student Health Insurance Office of the Medical Department (E23-308, x3-4371).

Faculty, staff, employees, and their families are eligible for the MIT Health Plan, which is a prepaid comprehensive program of medical care. Medical services for the MIT Health Plan are provided by the MIT Medical Department. Outside hospitalization, apart from emergency care, is provided at the Mt. Auburn and Cambridge Hospitals; hospitalization for obstetric and gynecological reasons is provided at the Brigham and Women's Hospital, and in pediatrics at Children's Hospital. If you are interested, you should call the MIT Health Plan Office at x3-1322.

Other faculty, staff, and employee benefits should be discussed with the Employee Benefits Office (x3-4271).

I have never taken medicine in my life . . . if I get a cold I treat it with the contempt that it deserves.

— Dr. Leonard Jackson



Groups

MIT is a diverse community of nearly 20,000 people — staff, employees, faculty, administrators, and students. No matter how unusual your interest or problem may be, someone around the Institute probably shares it with you.

Groups covered in this chapter include academic/honorary societies, foreign citizens, handicapped people, hobby groups, gays/lesbians, music and drama groups, athletics, religious groups, service organizations, student governments, and women. Publishing and broadcasting groups can be found in **Media.**

For more information, read the *Freshman Handbook,* (available from the Undergraduate Academic Support Office, 7-104) check the front of the *Student Telephone Directory,* or go to the Activities Midway, held at the beginning of the fall term or sometimes during the spring term. Representatives from many of these groups and organizations will be there to give you more information regarding their activities. A file of all activities recognized by the Association of Student Activities (ASA) is kept in the Undergraduate Association (UA) office (W20-401, x3-2696) along with a list of the student leaders of these activities.

Almost all student activities welcome graduate students. Undergraduates predominate in most, but not all, activities.

Pleasure of itself is not a vice.

— Samuel Johnson

Academic/Honorary Societies

Most departments have student chapters of national organizations. To contact the organization for your specialty, see your department headquarters.

Active honorary societies include **Tau Beta Pi** for all engineers, **Phi Beta Kappa** for non-engineers, **Pi Tau Sigma** for mechanical engineers, **Sigma Chi** for scientists, **Phi Lambda Upsilon** for chemists and chemical engineers, and **Eta Kappa Nu** for electrical engineers. Requirements for admission vary. Generally you must be in the top fifth of your class, with a cum above 4.6, and be active in campus life. Admission to honorary societies is by invitation only.

Many departments have academic societies open to all interested students majoring in their discipline. These include **Alpha Chi Sigma** (for chemists), the **American Institute of Aeronautics and Astronautics,** the **EECS Student-Faculty Committee,** the **Society of Physics Students,** the **American Institute of Chemical Engineers,** the **American Nuclear Society,** the **American Society of Mechanical Engineers,** and the **Institute of Electrical and Electronic Engineers.**

There are also several academic societies open to the entire MIT community. The **National Society of Black Engineers** is dedicated to increasing the number of blacks in the engineering profession. The **Society of Women Engineers** is open to all men and women majoring in engineering and the sciences and attempts to help make women more aware of the opportunities open to them. The **Association for Women Students** (AWS), composed of all women at MIT and men who have sought membership, and sponsors activities to help women at MIT.

Athletics

The MIT athletic programs stress participation and enjoyment rather than the specialized honing of selected intercollegiate teams. Nevertheless, participants and coaches tend to be very dedicated, resulting in excellent teams. Anybody in the MIT community, no matter how physically unfit, is welcome to use the athletic facilities and to receive trained assistance in developing his full potential. The programs offered include intercollegiate and intramural sports, physical education classes, private and group instruction in various sports, and recreational facilities of exceptionally high quality. See **Services for Children** in the **Facilities** chapter for athletic facilities for children.

Athletic Cards

Use of MIT athletic facilities is open to any member of the MIT community who has purchased an athletic sticker. At $10 for students, $60 for faculty and staff, and $105 for alumni, the card is one of the best bargains in the Boston area. Athletic cards entitle the holder and his immediate family ($30 extra for faculty/staff, $45 extra for alumni) to virtually unlimited use of all athletic facilities except the sailing pavilion. Card holders may even bring guests ($1 for students, $2 for others). Cards may be purchased at duPont Athletic Center or the Alumni Swimming Pool.

If you're feeling athletic, then you can:
A. lie down until the feeling goes away
B. take a cold shower
C. watch the Red Sox on TV
D. play intramurals
but not necessarily in that order.

— Anonymous

People in Athletics

Athletic Department (W32-109, x3-4498)

Royce Flippin (W32-105, x3-4497), Director of Athletics, is responsible for overseeing MIT's intercollegiate, intramural, and club sports programs. He and his staff will be the people to talk to if you want a new team to exist.

Jack Barry (W32-115, x3-4498) is Assistant Director of Athletics and the golf coach.

Jane Betts (W32-127, x3-4920) is the Women's Intercollegiate Athletic Director.

Dave Michael (W32-123, x3-7947) is the Supervisor of Intramurals, the ski coach and the WSI/SCUBA instructor.

Ken Cerino (W32-133, x3-7946) is the Sports Information Driector. He's responsible for keeping accurate records, writing sports articles for *Tech Talk,* and announcing games. You can call him for information on the times and places and for schedules for the season or on a week-by-week basis for any MIT sport.

John "Murph" Murphy (W32-004, x3-2914) is the Equipment Manager. He works at duPont desk. He can make life rough on teams or individuals who don't return their equipment on time. He can also make life easier if you're nice, so smile.

Paul Grace (W31-120, x3-5272) is the coordinator of Sports Medicine.

Jimmy Lester (W32-015, x3-4908), Harriet Pearce, and Adele Severson are the trainers, the experts in dealing with sprains, strains, sore backs, and all minor discomforts attendant upon participation in sports or lack of it. Harriet teaches first aid and Adele teaches CPR.

Publications

A listing of varsity, junior varsity, and freshman sports, their seasons, and their coaches can be found in the *MIT Registration Material* along with the listing of gym courses. More detailed information can be found in the *Freshman Handbook* and a reprint of its Athletic section which the Athletic Department (W32-109) has available.

The highest student authority in MIT athletics is the MIT Athletic Association. The members are its President, Secretary, two members-at-large, the Varsity Club, the Intramural Council, and a representative from each MITAA Club. The MITAA sponsors the NCAA Volunteers for Youth, which is a big brother/big sister program for helping junior high school children with problems at school or home. The MITAA is also responsible for keeping its member organizations in line. Its executive committee reviews and evaluates budgets, scheduling, facilities, student morale, outside publicity, and the Physical Education Program. Let them know how you feel.

The Intramural Council, mostly representatives from each eligible organization, meets at least once per month to handle intramural affairs and to elect intramural managers. The Executive Board handles protests and updates the IM handbook.

The Varsity Club consists of captains and managers of recognized Institute Teams. It designates recipients of the straight T, an outstanding athletic achievement award. It publicizes and recruits for intercollegiate sports and helps out intercollegiate sports events.

Athletic Facilities

All MIT athletic facilities are coordinated from duPont (W32-121, x3-4916). Unless reserved for intercollegiate or intramural use, all facilities are open to athletic sticker holders on a regular basis. For schedules contact the individual facilities.

The new **Athletic Center,** which opened in fall 1980, has a hockey rink on the first floor and a field house on the second floor. The field house has a track with tennis and basketball courts in the infield.

DuPont Athletic Center has several facilities including squash courts, a workout room, an exercise room (including high and parallel bars, a judo mat, and a horizontal ladder), a fencing room, a wrestling room, a large gymnasium (which is used for everything from registration to final exams to basketball), a 31 firing-point shooting range (rifle and pistol), lockers, showers, sauna facilities, and various smaller rooms. For information on any aspect of the Center call x3-4916 unless you are an instructor wishing to use the gymnasium for finals, in which case you should call the Schedules Office (E19-338, x3-4788). The equipment desk at duPont sells some small athletic items, often below list price. Other services include skate sharpening, racket restringing, and general equipment work.

MIT Shooting Range, located in the basement of the Armory, is one of the finest in the country. Fifteen points are available for pistol, rimfire .22 through .45 ACP, and 16 points for smallbore rifle fire. Equipment is available for a small fee to those who wish to shoot informally, and during the winter many international-style tournaments are held for those interested in formal competition. For details on the various programs, contact the Rangemaster (x3-3296).

The **training room** and trainers, for both men and women, is in the duPont Athletic Center (W32-015, x3-4908). It is available to all members of the MIT community, but a referral from the Medical Department is required. Facilities include a whirlpool bath and exercise bench equipped with elastic bands for extension and flexation exercises. See the trainers if you have muscular aches and pains.

Squash courts are in three locations. There are eight courts at the Alumni Pool, six courts at duPont and two courts at Walker Memorial. The courts at Walker are open to women, but there are no locker or shower facilities for them there; the nearest facilities are at the swimming pool. The reservation number at the swimming pool is x3-4489, duPont x3-2914. The Walker courts are not scheduled and are rumored to be open all night.

Tennis courts are mainly on Briggs Field. They can be reserved (in season) by calling x3-2912, 12-2 pm daily, one day in advance. As some of them are clay courts, you must have regulation tennis shoes with smooth soles. Near Walker there are four paved courts which may be reserved by going to East Campus desk. Don't call; you have to sign up there. The four indoor tennis courts in the J. B. Carr Center may be reserved by students only, no more than 48 hours in advance, for the hours of 2-6 pm at no charge. At other times, and for non-students at all times, a fee of $8 or $9 per court is charged. Call x3-1451 for reservations. For all the courts it is a good idea to make reservations as early as possible because they go fast.

Rockwell Cage has a new floor surface which can be set up for volleyball and IM basketball. The Cage hosts the Athletic Midway in the fall.

Henry G. Steinbrenner Stadium has an excellent cushioned 400 meter (¼ mile) track which is great for running on if you don't mind going around and around. It can be slippery when cold and wet (even though it's supposed to be all-weather) but you probably won't feel like running then anyway. Field events, football, soccer, lacrosse, and field hockey are played inside the oval.

Briggs Field is that empty lot between Vassar Street and Amherst Alley on the west side of campus. It's the place to go for baseball, softball, tennis, soccer, lacrosse, rugby, field hockey, and intramurals.

Alumni Pool (Building 57, x3-4489) is open at different times of the day for physical education classes and open swimming, with family swimming on Fridays and Saturdays. Diving is sometimes allowed at the lifeguard's discretion. The pool has shower and locker facilities. Towels are provided. The hours vary according to the time of year. If you want to swim on a particular day call the pool and ask at what time free swimming is. Also you can pick up a schedule of hours at the pool.

MIT Sailing Pavilion is the only facility where an athletic card won't get you in. You have to have a nautical card, which can be bought at the Cashier's Office (10-180) and costs $10 for students, $30 for employees, and $40 for alumni, with an additional

$2 charge for each family member who will use the card. To be an active member you must also have passed the small craft swimming test. For more information call x3-4884.

The sailing pavilion has quite a few boats of various kinds for which different levels of expertise are necessary if you want to sign them out. There are also sailing classes (see below) along with individual instruction. Sailing is very popular at MIT, especially during the spring and summer months. If you've never tried it, try it and find out why.

Pierce Boathouse (W8, across from Burton House, x3-6245) is the center for crew and sculling. It has an indoor rowing tank and weight rooms. It is possible to take out a single or double scull if you have a small craft card and know how to scull. To get a small craft card, go to the swimming pool and take the test.

The shower facilities in duPont, at the pool, and in the boathouse come in handy, especially if you don't live nearby and want to freshen up for one reason or another. Lockers are available: $5 for students, $10 for faculty/staff, plus a $3 deposit on a lock.

Not stictly athletic, but closely related, are the bowling alleys and billiard tables in the basement of the Student Center, open afternoons and early evenings. There are ping pong tables, and a pinball and video game room on the second floor of the Student Center. Check at the 24-hour Coffeehouse for ping-pong paddles and balls.

Club Sports

Club sports can bring together undergrads, grads, and faculty in an informal way since they don't have eligibility requirements or other rules found in Varsity sports. Their activities are controlled by their participants and their student leaders. They receive some support from the Athletic Department. For more complete information call the person involved or the Athletic Department (x3-4498), or look at *MIT Athletic Clubs* by the MITAA Executive Committee (available in the Athletic Department, W32-109).

Aikido Japanese martial art, General Exercise Room, duPont Gym.

Archery Meets weekly, novice to veterans, should supply own tackle.

Badminton Fridays 8-10 pm, Sundays 10-1 pm, beginners to intermediate, bring own racket and shuttle cocks. In duPont Gym.

Bowling Informal practice begins in October, Tuesdays 4-7 pm and Thursdays 2-6 pm in Student Center basement. Attend traveling league meets beginning in November. Check Bowling Alley for schedule.

Cheerleading Try outs are in late September. Enthusiasm, rhythm, and timing are needed to cheer men's Varsity Basketball and Football teams.

Cricket Practices Tuesday, Thursday. Games Saturday and Sunday on Briggs Field, April through September.

Fencing (Eric Sollee, MIT Athletic Department) Twice a week anyone can come and fence in the duPont fencing room. There may be a small membership fee this year to cover wear and tear on the equipment.

Figure Skating Need skates and the ability to skate backwards. Saturday and Sunday mornings.

Football (Dwight Smith, MIT Athletic Department) Starts practice at the end of August.

Frisbee In good weather during fall and spring, games of "pick-up Ultimate" materialize on Killian Court on Wednesdays and Saturdays. Club practices scheduled on Briggs Field regardless of weather. Indoor practices twice weekly during winter: open to entire MIT community. The club tries to catch at least one tournament each semester as well as competing one-to-one with other teams.

Hockey Women: practices mid-October 2-3 times per week. Men: like varsity but grads can play, training (conditioning) begins in October, 1½ hours each afternoon.

Ice Dance Open to those able to skate forwards and backwards.

Parachuting Skydiving on weekends, weather permitting. Future plans to participate in the National Collegiate Parachuting League Championships. Watch campus media.

Riding (UA office, W20-401, x3-2696) The Riding Association hopes to own horses at a yet to be determined location. They also plan to give classes and compete intercollegiately.

Rifle and Pistol (Victor Maslov, x3-3960, Pat Melaragno, x3-3296) .22 caliber pistol and open-air rifle and pistol, Tuesday evenings practice and competitions, must pass shooting course first, $7 dues.

Rugby, Men: play spring and fall. The inexperienced are invited to learn this increasingly popular game. Must have health insurance. $15 dues includes post-game drinking. Social members (non-players) also welcome.

Rugby, Women: inexperienced but enthusiastic social members also welcome to attend games and post-game parties.

Scuba (Dave Michael, x3-7947) Shorediving every weekend, meetings Tuesdays 20E-012 7-8 pm to plan dives, practice alternate Tuesdays Alumni Pool at 8-9 pm, need certification.

Soccer Women: New club in '82, practices 3 times a week. Men: year-round play.

T'ai Chi Chinese form of calisthenics which has evolved into a very soft, peaceful exercise. Thursdays, W20-407, 4-6 pm.

Table Tennis February-May competition.

Tae-Kwon-Do Korean martial art, see *Tech Talk* for schedule.

Volleyball (Men) Serious competition, twice weekly practices, membership fees.

Water Polo (Women) Begins in March, 4 workouts per week.

White Water (Info: Bulletin Board, Infinite Corridor, Bldg. 4) White water kayaking and canoeing, practice alternate Tuesdays, Alumni Pool, $5.

Folk Dance, Modern Dance, Judo, and Shotokan Karate can be found later on in this section.

Community Leagues

In many sports there are leagues for people simply interested in playing. Teams are formed by groups from departments, labs or mere coincidence, and everyone in the MIT community is welcome. The two largest such leagues at present are the **Community Hockey League** and the **Summer Softball League.** Impromptu groups for squash, tennis and handball are also very common, especially at the staff and faculty level. Check with your friends to see if a team already exists which you can join. Call x3-4498.

Intramurals

A very extensive intramural program is open to students, faculty, instructors and lecturers who meet eligibility requirements. Teams can be organized by just about any group, including labs, clubs, and living groups. For many sports there are different leagues for different levels of athletic prowess. The **IM Council** (W32-123, x3-7947) coordinates all IM competition.

Essential to many IM games is the referee. You, too, can officiate and get paid for your efforts. Officiating courses are offered by the physical education department, but you can ref without taking them. Talk to the manager.

Managers are also needed to keep Intramurals alive and well. Don't assume that there always is going to be someone else to do it. IM notices are posted on a bulletin board next to the equipment desk in duPont.

The current intramural sports are:

Backgammon	Football (touch)	Swimming
Badminton	Frisbee	Table Tennis
Basketball	Hockey	Tennis
Billiards	Octathon	Track (indoor and outdoor)
Bowling	Rifle	
Chess	Sailing	Volleyball
Cross-Country	Soccer	Waterpolo
Cycling (fall and spring)	Softball	Weightlifting
Fencing	Squash	Wrestling

"Tech is a place for men to work and not boys to play. Nonetheless . . ."
— President Francis A. Walker, 1894

Varsity Sports

There are 32 varsity sports at MIT. Most sports have a freshman or JV squad. Teams generally practice 4-6 pm or 5-7 pm on weekdays. Some crew teams will have morning practices, notably the lightweight squad. Many teams that compete in the spring go to Florida for a few weeks of winter practice over IAP. Interested in being on a team? Go to the Athletic Midway during R/O week or call up the coach today. you can call x3-4498 to find out the coach's name and number or check the list in your registration material.

The current sports are:

Baseball
Basketball, M&W
Crew, Heavy and Light, M&W
Cross Country, M&W
Fencing, M&W
Field Hockey, W
Golf
Gymnastics, W&M
Hockey
Lacrosse
Pistol
Rifle
Sailing, W&M
Skiing
Soccer
Softball, W
Squash
Swimming, W&M
Tennis, W&M
Indoor and Outdoor Track
Volleyball, W
Waterpolo
Wrestling

Spectators are welcome, free of charge, at all MIT sporting events. For information on times and places call Ken Cerino, Sports Information Director (W32-129, x3-7946). Also, sports events for the week are listed in the Institute Calendar in *Tech Talk*. You can also check the sports pages of *The Tech* and the "Sports Today" columns of the Boston newspapers.

Love means nothing to a tennis player.

— Anonymous

Physical Education

In accordance with its broad-based orientation, the Athletic Department offers an enormous variety of classes in sports and general physical education. Special interest groups and individual teachers widen the spectrum to include almost every form of physical activity, including riflery, folk dancing, and rock climbing.

During the year regular physical education classes meet two hours a week for sessions lasting a quarter (half a term). These classes cover all the varsity sports and often make up a student's first introduction to a sport in which he later participates on an intercollegiate or intramural basis. This statement is especially relevant when applied to such sports as lacrosse, pistol, and squash, which few freshmen have participated in before coming to MIT. Also there are classes in development, swimming (from beginning to instructor levels), and such recreational sports as judo and archery.

Although the programs were originally designed for freshmen who have to meet a physical education requirement, anybody can use them, and they are excellent ways to relax, build up physical fitness, and learn a sport at the same time. Excluding a few very popular classes such as pistol, rifle, sailing, judo, and partner dancing, they are often under-enrolled and thus especially open to upperclassmen, grads, faculty and staff. There is priority for students with unfilled physical education requirements. Registration is in duPont from 8:30-11 am on the first day of classes and some time in the middle of the term. Some classes are full by 8 am, others still have spaces at 11. It is possible to register late.

Other Classes

Hatha Yoga is taught Monday, and sometimes Tuesday evenings and Thursday mornings, by a special interest sub-group of the MIT Women's League. Call Mrs. Turchinetz (862-2613) if you're interested. The cost is $25 for ten classes. The course is especially good for joggers.

Maggie Lettvin of **Maggie and the Beautiful Machine** used to lead a very good exercise class stressing self pacing and proper body positioning. Although Maggie retired from MIT in the spring, self-designed fitness classes employing her method will take place in duPont Monday through Friday noon-1 pm and 5-6 pm during the school year and noon-1 pm during the summer. Also, a 1 pm session is tentatively scheduled to meet at the Alumni Swimming Pool during the school year. Sessions are open to the entire MIT community.

Dance

The MIT Athletic Department offers partner dancing and tap dance as possibilities for fulfilling the physical education requirement. Theoretically you can register for these half-semester classes for non-credit (i.e. for sheer enjoyment); however, they have limited capacity and fill up very fast.

Clubs offer another option. MIT's dance clubs enable interested people to learn, practice, and enjoy their dance skills throughout the year.

The MIT Folk Dance Club (W20-437, x5-9185) teaches Slavic, Israeli, and other ethnic dance forms. Several times a year it invites famous folk-dance instructors to MIT to lead special club workshops; occasionally it participates in big folk-dance "festivals" involving well-known Boston groups such as Mandala and Hamakor. Dancing sessions are held several evenings each week; instruction is provided at every session.

International dancing — Sundays, 7-11 pm, Sala de Puerto Rico

Balkan dancing — Tuesdays, 7:30-11 pm, Student Center, Room 407

Israeli dancing — Wednesdays, 7-11 pm, Sala de Puerto Rico

The **Tech Squares** offer a crash course in square dancing for the first eight weeks of each semester. New people are admitted through the third week; after that, only members (which you become by completing the crash course) and people who have come before are admitted. Dancing is held every Tuesday in the Sala from 8-11 pm.

The **MIT Ballroom Dance Club** provides instruction in tango, polka, foxtrot, and other classic ballroom dances.

If you are interested in a dance form not offered at MIT, contact the **Joy of Movement Center** (536 Mass. Ave., Cambridge, 492-4680). They offer an incredibly wide variety of dance styles, occasionally including exotic forms such as flamenco. Once or twice a year the Center publishes a guide which is distributed in Lobby 7 and in the Student Center.

Martial Arts

If you are interested in philosophical self-development in the true Oriental tradition or simply in the rudiments of self-defense, the Boston area has plenty to offer you. Numerous schools and "Asian culture institutes" exist; watch the MIT bulletin boards for their advertisements. MIT itself has several martial-arts groups which welcome both novices and experts.

The **Shim Gum Do Club** (W20-401) teaches the art of Zen swordsmanship — skill with the samurai sword combined with elements of Zen philosophy. Technically a martial art, it serves mainly to teach its students self-discipline and personal development. Free classes are coed and are held 2-3 hours/week.

Goju-Kai Karate Club takes a disciplined but non-competitive approach to karate.

The **Shoto-Kan Karate Club** teaches a different style of Japanese karate and stresses vigorous workouts and a strict discipline. It presents karate as a sport rather than a self-defense technique; its members participate in intercollegiate competiton. Classes are *not* free. Practices are held 5-6 hours/week with extra sessions for beginners.

There are also the **MIT Aikido Club,** the **Wu-Tang Chinese Martial Arts Club,** and the **Tae-Kwon-Do Club** for those interested in martial arts.

Both the Cambridge YMCA and YWCA offer classes in the martial arts. The YMCA teaches Shotokan karate three nights a week at a cost of $25/month for as many months as you want. The YWCA teaches judo and beginning and advanced karate at a cost of $22/course. As with all "Y" activities, you must be a member to take a class.

Private schools in the martial arts abound. *Caveat Emptor.* According to a knowledgeable member of the MIT Shotokan club, many area schools care more about the dollars they receive than the instruction they give. Ask qualified people before committing yourself. The MIT Shotokan club has a 6th-degree black-belt instructor who comes in once a week; he can give you expert advice.

Foreign Citizens

The first place for international students to go with questions or problems is the **International Students' Office** (5-112, x3-3795). If they can't help you, they should be able to refer you to someone who can. Foreign staff members should consult with the **Information Center** (7-121, x3-2851).

For **adjustment problems,** the social workers, Mrs. Buck and Mrs. Rodriguez, and the clinical sociologist, Dr. Schwartz, are very helpful to newcomers and their families having difficulty adjusting to the cultural milieu of the United States. An open house takes place during the week before registration to acquaint newcomers and families with available resources at MIT and in the Boston area. It is jointly sponsored by the Medical Department and the International Students' Office and hosted by Dr. Charolette Schwartz, Clinical Sociologist.

Aliens in the United States must file an **Alien Address Report Card** with the Immigration Service each January. These cards may be picked up from the International Students' Office, a post office, or the local office of the Immigration and Naturalization Service.

America and Americans: North America contains the largest area of uniform culture in the world. Most Americans have never met someone from another culture and are likely to be ignorant of yours. There will be about as many things in your culture that will disturb Americans as there are aspects of American culture that bother you. Don't hesitate to ask questions; for the most part you will get friendly answers. It won't hurt to try to explain your culture as well.

Americans have an informal, active way of life, and to many people they may appear to be very abrupt. Formal introductions are not usually needed; if you want to be friends with the person next door, introduce yourself. Dress is very flexible. Rarely if ever is formal attire required; it can always be rented, if need be. If you have any doubts, ask. Conversations and telephone calls usually come right to the point. There are very few formalities observed.

Americans for the most part don't line up neatly. They tend to bunch up. However, everyone seems to know who's first and crowding is definitely frowned upon.

Sales people and officials are not, nor do they consider themselves, inferiors or servants of the public, and they act accordingly. With a pleasant smile and a gracious attitude on your part you will find them most anxious to help.

Driver's License: Drivers from a number of countries may drive for one year in the US on their home licenses. The end of the year is designated as the earlier of (1) the end of the academic year, or (2) one calendar year from the date of entry into the US. For more details, consult the International Students' Office, Campus Police, or the Registry of Motor Vehicles.

Employment: Before taking a job, talk with someone at the International Students' Office, since permission to be employed is not automatically granted under the terms of F and J visas. Wives on F visas may *not* accept paid employment. Some students holding J-1 visas and their wives (J-2) are permitted employment only if they need to work for self-support. Recently restrictions on foreign citizens taking jobs in America have been greatly stiffened, and jobs are very hard to find.

English for Foreign Citizens: The MIT Women's League (10-342, x3-3656) gives English classes for student or faculty wives. Visit the Language Lab (14N-0645, x3-2310) and the International Students' Office, where you can be refered to other opportunities to improve your English.

Families: Five hundred families in the area host MIT foreign students each year. We hope you and your host family will enjoy seeing each other. However, if you do not want to see your host family on a particular occasion, refuse their invitation politely. First-year students can change their host families if desired. If you want a host family or want to become one, the staff at the Women's League will explain the procedure involved.

Income Tax: For information call the Alien Tax Information Office (223-3446).

Insurance: In the MIT Student Health Program, outside hospitalization insurance is compulsory for foreign students. Campus Police can also help you with auto insurance, etc. If you have questions concerning MIT medical insurance, check with Student Health Insurance (E23-308, x3-4371).

Passports and Visas: Check the pamphlet *Passports and Visa Information sheet,* which you should have received upon arrival here. If you no longer have your copy, get another from the International Students' Office. There is no need to renew visas when they expire if you do not leave the country, but I-94's always have to be valid. Check with the Office for renewal procedures.

Personnel Directory: In addition to the *Institute Directory* and the *Student Directory* (both have a departmental directory), there is a *Foreign Students' Directory* available from the International Students' Office.

Political Action: You are free to participate in any sort of political action as long as it does not violate the laws of the United States. Immigration officials think twice about renewing the visa of someone arrested for political activity, whether or not he was later convicted; consequently, activities near and beyond the limits of the law should not be undertaken lightly. All political views are legal, but there are limits to what can be done in pursuit of a cause. You should realize that most Americans do not wish to get involved in foreign politics.

UROP for International Students: There are offerings in the Undergraduate Research Opportunities Program (UROP) of particular interest to international students. Check with the UROP Office (20B-141, x3-5049) and the UROP Directory.

National and Cultural Groups:

African Students Association works to effect better communication between the African students at MIT and the MIT community by sponsoring activities that will bring African culture to the MIT community.

Arab Club is organized to promote better MIT-Arab student understanding and the dissemination of information about the Arab people.

Armenian Club tries to further the attendance of all Armenian dances and eating of Armenian foods. Language lessons are given over IAP.

Canadian Club (5-106) disseminates information regarding events of interest to those concerned with Canada and provides a social base for Canadians on campus.

Caribbean Club facilitates transition and cohesiveness of incoming and continuing Caribbean students and provides information about Caribbean affairs to the MIT community.

Chinese Students Club (W20-439) promotes friendship and international understanding through intellectual, cultural, and social activities.

Club Latino provides a ground for social and cultural relaxation among Latin-American members of the MIT community and provides information about Latin-American-MIT cultural exchange.

Filipino Student Association (66-125) promotes understanding and appreciation of the Filipinos. They hold a traditional "borrio fiesta" every IAP, and weekly classes in arnis, their martial arts. Open to any interested member of the MIT community.

Hellenic Students Association of MIT-Harvard (5-106) promotes fellowship and provides for the welcoming and counseling of Greek students and provides a formal means of communication with other MIT foreign students and other Greek organizations in the greater Boston area.

International Students Organization (W20-401) enhances interaction among international students and between them and the MIT community. They have sponsored a newspaper, parties, seminars, films, and an Open House.

Israeli Students Group (3-147) promotes communication between Israeli students at MIT and introduces MIT to the State of Israel.

Korean Students' Association (W20-401) furthers the friendship and understanding of the Korean culture and people.

Lebanese Club promotes the interests of Lebanese students at MIT and acquaints MIT with Lebanese culture and politics.

Malaysian Association (W20-401) serves as a liaison between its members and other student bodies and with the Government of Malaysia, and organizes social and cultural activities for the members.

Mexican-American Student Association works to improve the welfare of Hispanic students at MIT and the Hispanic community and encourages an increase in the number of Hispanics entering the fields of engineering and science.

Sangam (W20-401) provides a platform of cultural interaction among the Indians of vastly different cultural backgrounds and the MIT community. They sponsor a radio program of popular Indian music and sports and social events.

Udayan — Bangladesh Students Association (W20-401) tries to interact with the surrounding community and further the progress of Bangladesh.

Vietnamese Students' Association (W20-401) encourages interaction between Vietnamese students and MIT community and organizes social activities.

Gays/Lesbians

The Institute is generally supportive of gays, and as of 1981, has a non-discrimination clause on sexual orientation written into the by-laws. In addition, Boston is one of the nation's major gay cities. Anyone just starting to explore his/her sexuality or already settled and comfortable with it can find appropriate resources here. The following is a partial list of resources available at MIT and in Cambridge and Boston.

Gays at MIT (GAMIT) (Walker Memorial, 50-306, x3-5440) is MIT's gay group, open to the entire MIT community. They sponsor social and education programs for their members and the community in addition to keeping an eye on conditions and events around the Institute. The Contact Line (x3-5440, 24 hrs) offers information, referrals, and confidential peer counseling. GAMIT's bulletin board (in Building 3 along the Infinite Corridor) carries their schedule as well as other items of general interest. The regular events are weekly social meetings held every Sunday at 5:00 pm and the lunch crew, usually starting at 12:30 pm weekdays, both in the GAMIT lounge and open to everyone.

There are more groups around town. The best way to find out about them, besides calling GAMIT, is through *Gay Community News* 426-4469, a national paper published in Boston and sold at most area newsstands. Every week it contains a "Quick Gay Guide," which lists over one hundred groups in the Boston area alone, including women's, religious, political, recreational, and medical groups. (For a partial listing of bars, see the **Things to Do** section.)

Counseling is available from a variety of sources. GAMIT's Contact Line provides confidential, trained peer counseling geared toward gay-related issues. Of course, all MIT counseling services are open: **Nightline,** the **Dean's Office,** and the **Psychiatric Department** (E23-376, x3-2916). Services outside of MIT include the **Lesbian and Gay Hotline** (426-9371) and **Parents and Friends of Gays** (542-5188 days, 426-9371 nights). **Note:** Remember, the doctors in the Medical Department and the Psychiatric Department are only human, and some of them may be uptight about homosexuality.

Before you see anyone concerning a homosexual-related problem, you may want to talk to someone who has already seen that person. If you don't know anyone, call the Contact Line.

If you want to go off-campus for counseling, **Boston's Homophile Community Health Service** runs a highly recommended counseling service. They take MIT insurance. There is a fee, but it's mostly pay-what-you-can. Their number is 542-5188. The **Cambridge Women's Center** holds open rap sessions for gay women on Thursday nights. The **Daughters of the Bilitis** (419 Boylston St., Boston, 262-1592) is the oldest lesbian organization in the country. It serves as a social group as well as providing some counseling and legal action. There is also the **Wellesley Mytiline Society.** More information on them is available through the Wellesley Women's Center.

Grease

The standing committees of the Undergraduate Association are the Association of Student Activities, Finance Board, Nominations Committee, Student Center Committee, Student Committee on Educational Policy, and SIPB (see the section on **Service Groups**) — each of which serves a different function related to student life at MIT. The UA itself has both a legislative arm (the General Assembly) and a Social Committee. In this section each committee is described along with the Dormitory Council, the Interfraternity Conference, and the Graduate Student Council. For more information on any of these groups, go to the UA office (W20-401, x3-2696) or to the office of the group, where applicable.

Undergraduate Association (W20-401, x3-2696) The UA is supposed to be the collective voice of the undergraduates to the DSA, the rest of the MIT administration, and to various Student-Faculty Committees around the Institute. The UA President and Vice-President are elected each spring to one year terms.

The Undergraduate Association Council consists of representatives from each living group and coordinates the standing committees of the UA.

The Social Council administers the UA social budget and supports campus social events.

Association of Student Activities (W20-401, x3-2696) is responsible for promoting and recognizing student activities, allocating office space, mediating disputes between the committees, and running the Activities Midway. They are the people to see to find out how to form an activity or group and they also maintain an up-to-date file of recognized activities. (See the chapter on activity creation and management.)

Finance Board allocates funds to student activities, audits the finances of student activities, and gives financial advice to student groups.

Nominations Committee selects student representatives to most of the Institute Student-Faculty Committees. You can apply to be on committees working with anything from educational policy to administrative proposals by showing up at NomComm hearings.

Student Center Committee (SCC) (W20-347, x3-3916) is responsible for setting policies and scheduling rooms in the Student Center. They also run the 24-hour Coffeehouse, weekly meetings, the Mezz, and live band parties.

Student Committee on Educational Policy (SCEP) attempts to handle educational complaints, conducts surveys on educational questions (including the Course Evaluation Guide), and studies the admissions process (among other things).

MIT Dormitory Council (DormCon) seeks to optimize the housing situation through cooperation of separate house governments. It also sponsors social events and deals with issues concerning interhouse relations.

Interfraternity Conference (IFC) (W20-413, x3-2170) is responsible for coordinating fraternity activities and services.

Graduate Student Council (50-022, x3-2195) serves as a forum for issues of concern to graduate students, coordinates graduate student activities, and has funds available to support social events or activities sponsored by members of the graduate student population.

Handicapped People

A map showing ramps, walkways, and other special features for handicapped people (and people transporting heavy loads) is available at the Information Office (7-121, x3-4795) and is visible on the wall near building 3 in the Infinite Corridor. Also check with APO (W20-415, x3-3788) for information on Boston and Cambridge. There is also a map of the Institute for the blind in Lobby 7. This map is the result of a thesis done by an MIT student in Course IV and dates from 1972, so it is slightly outdated.

The Student Center Library has a Kurtzweiler machine and a Visatech machine.

A new guide to MIT for the handicapped is available from the Information Office.

The commencement committee will make special arrangements for handicapped guests at commencement. The safety office (x3-4736) can help with various sorts of problems encountered by handicapped (or non-handicapped) students.

Hobby Groups

There are hobby groups on campus for every possible hobby, from breeding fish to jumping out of planes. Clubs can be reached through the Association of Student Activities (W20-401, x3-2696). Chairpersons are listed in the phone directory. An excellent way to learn about student groups is the Activities Midway held in early fall.

Appropriate Technology Group (E50-302) sponsors seminars and discussions on the appropriateness of different uses of modern technology.

Automobile Club is for those interested in performance cars. There are monthly meetings with a slide show, guest speaker, or a seminar of interest to the members.

Bridge Club holds weekly open pairs duplicate tournaments on Thursday evenings at 7 pm. Club championships are held four times a year.

Chess Club (W20-401) consists of players at a wide variety of levels. They hold weekly meetings on Saturday afternoons in the fourth floor of the Student Center. Members participate in national, local, and intramural competitions.

Debate Society (W20-437) participates in intercollegiate speaking events, such as: extempt, interp, debate. No experience is necessary.

Electronics Research Society (20B-119) is a student-run electronics lab with assorted microcomputers, computers, and oscilloscopes for use by students.

Equestrian Association attempts to rent or buy horses for use by the MIT community at reduced rates. They also hope to provide physical education classes and intercollegiate competition in horseback riding.

Guild of Bell Ringers rings bells at the historic Old North Church and practices change ringing on handbells.

Juggling Club (W20-401) holds juggling sessions (beginners welcome) on Sunday afternoons in front of the Student Center. They have a bulletin board on the first floor of Building 4 in the Infinite Corridor.

Outing Club (W20-461, x3-2988) participates in a wide variety of outdoor activities and rents equipment to members. Experience is not a prerequisite. See the chapter on **Things to Do.**

Radio Society (W1MX) (50-358, x3-3776) is a group of people interested in amateur radio. Their activities include repeaters and contests, and they operate in bands from 1.8 MHz to 1296 MHz.

Rapid Transit Association (W20-401) is for those interested in subways and rail transit. Activities include touring the Boston subways, control center, and repair shops, visiting other cities' systems, and sponsoring guest lectures.

Rocket Society (50-320, 5-6744) is devoted to model and amateur rocketry. They hold two sanctioned model rocket contests and participate in regional, national, and world competitions.

Science Fiction Society (MITSFS) (W20-421, dl9144) has the largest science fiction library in the world with over 32,000 books and magazines. Members may borrow from the 15,000 circulating items. They hold weekly meetings.

Skydiving Club provides its members with the education and means to participate in the sport of parachuting. Inexperienced members are welcomed. Meetings are publicized in the MIT media.

Soaring Association (33-303, 247-7775) operates throughout the year and has use of four sailplanes. Activities include flight operations, ground school training, and social events.

Society for Creative Anachronism (W20-401) does research in and recreates the life, arts, and costumes of the Middle Ages. They hold tournaments, feasts, and other events throughout the term.

Spelunkers Club (W20-401) explores obscure places around MIT. See the **Hacking** section in the **Things To Do** chapter.

Strategic Games Society (50-316) meets every Saturday in Walker from 1 pm on. They play Dungeons and Dragons, Monopoly, bridge, and other games.

Student Art Association (W20-429, x3-7019) holds classes in topics including ceramics, photography, and drawing. Beginners and more experienced artists are welcome. Registration for courses is held two weeks before the semester begins. For more information, call from 1-5 pm Monday through Friday.

Students for the Exploration and Development of Space (SEDS) is an organization working towards educating the community about the benefits of a strong space program.

Tech Model Aricrafters has a workshop containing most of the accessories necessary for building a model aircraft. Members pay nominal dues for the use of the workroom.

Tech Model Railroad Club (20E-214, x3-3269) participates in a variety of activities from scenery construction and track laying to switch design. Previous experience not necessary.

Tiddlywinks Association (W20-437) has a world championship team. Members compete at a variety of levels. Previous experience is not necessary.

UHF Repeater Association (44-010) is a group of amateur radio operators whose activities include experimentation, service projects, and informal gatherings. They broadcast on the 444.2-449.2 MHz bandwidth.

Undergraduate Math Club is open to all undergraduates with an interest in math. They arrange public on-campus lectures, problem-solving sessions, and sponsor an IAP math contest.

Unicycle Club meets Sundays from 1-3 pm in front of the Student Center. The first hour is usually a teaching session. They have a bulletin board in on the first floor of building 4 in the Infinite Corridor.

University Scouting Advisors is a group of men and women working with various scouting movements in the Cambridge area. They started a troop in Cambridge three years ago.

Video Club (W20-445) is a group whose members are able to cablecast their works through the MIT cable television system. Both individual and group productions are cablecast.

Man is the only animal who twiddles his thumbs.

— Lon Rayburn

Music and Drama

Most performing organizations on campus are open to the entire MIT community. Musical groups can generally be reached through John Buttrick in the Music Office (14N-238, x3-4892). Drama groups are coordinated by Bob Scanlon (W16-018, x3-2908). Watch **Tech Talk** for schedules of auditions and performances.

For more information on music and drama groups, see the chapter on **Things to Do.**

Choral Society
Concert Jazz Band
Gospel Choir
Musical Theatre Guild
Chorallaries
Dramashop
Logarhythms
Shakespeare Ensemble
Concert Band
Festival Jazz Band
Symphony Orchestra

Religious Groups

Bahá'i

The Bahá'i Faith emphasizes the unity of humanity, the elimination of prejudice, unfettered investigation of truth, the harmony of religion and science, the equality of the sexes, universal compulsory education, and the establishment of a world government, a universal auxilliary language and a global economic system which would eliminate extremes of poverty and wealth.

The MIT Bahá'i Association holds regular "firesides", informal discussions on the Bahá'i Faith. For information, contact Brian Aull (x3-2112) or Roy Steiner (x3-2843).

Eastern Orthodox

Local Churches include

Greek Orthodox Church of St. Constantine and Helen (14 Magazine St., Central Sq., Cambridge, 876-3601)

Russian Orthodox Cathedral (165 Park Dr., Boston, 262-9490)

Saint Mary's Orthodox Catholic Church (8 Inman St., Cambridge, 547-1234)

Jewish

The **MIT Hillel** (W2A, x3-2982) sponsors social, religious, and cultural activities. Orthodox Sabbath services are held Friday and Saturday in Walker (50-016). Reform/ Conservative services are held Friday nights at 5:30 pm in the basement of Building W2A, 312 Memorial Drive. Reform services are held monthly in the Chapel. Check *Tech Talk,* the Hillel Office, and the bulletin board off the main corridor in Building 4 for more information. Kosher meals are available from the Kosher Kitchen (50-005, dl5-6750). Dinner is served Monday through Friday at 5:30 pm and lunch on Saturday at 12:30 pm. The publication *Genesis II,* describing all Jewish activities in the area, is available at the Hillel Office.

BU Hillel (233 Bay State Rd., Boston, 266-3880), **Harvard Hillel** (74 Mt. Auburn St., Cambridge, 495-4696), **Northeastern Hillel** (1360 Huntington Ave., Boston, 437-2628), and **Simmons Hillel** (300 The Fenway, Boston) all offer religious services and activities of interest.

Local synagogues include:

Cambridge Shul (8 Tremont St., Cambridge) Conservative.

Congregation Beth Pinchas (1710 Beacon St., Brookline, 566-9182) Home of the Hasidic Bostoner Rebbe.

Congregation Kehillath Israel (384 Harvard St., Brookline, 277-9155) Conservative.

Havurat Shalom Community (113 College Ave., Somerville) A communal group with innovative conservative services and classes.

Temple Israel (260 Riverway, 566-3960) Reform.

Temple Ohabei Shalom (1187 Beacon St., Brookline, 277-6610) Reform.

Vilna Shul (16 Philips St., Boston) Orthodox.

Young Israel of Brookline (62 Green St., Brookline, 734-0276) Orthodox.

Islamic Society

Daily prayers held in Ashdown House (basement) 5 times a day. Call 225-9703 for congregation schedule. Friday prayer, Ashdown House, 1-2 pm, Khutba starts at 1:15 pm, congregation at 1:45 pm. Quranic classes are held in Arabic Friday at 7 pm and in English Saturday at 1 pm.

Protestant

There are several active Christian groups on campus, and someone is running a service just about every day. Check *Tech Talk* and the bulletin board in Building 2. For more information see the Protestant chaplains: the Lutheran chaplain, the Rev. Susan Thomas (W2A, x3-2325 or 876-3256) or the Episcopal chaplain, the Rev. Scott Paradise (W2A, x3-2983). The Protestant staff also includes Anne C. Harkless, a Counselor of Christian Science (W2A, x3-2327 or 964-0059).

Some of the following on-campus Christian groups share an office in the Student Center (W20-441, dl5-9142); others can be reached through the religious counselors' offices in W2A.

Campus Crusade for Christ (W20-441) stresses one-on-one discipleship, Bible study, training in evangelism, and a weekly fellowship and teaching meeting. Crusade asks you to join a group of students dedicated to the Lordship of Jesus Christ.

Latter Day Saint Student Association provides opportunities for students to meet others on campus and at other campuses. Services are held on Sundays at 3 pm at the LDS Chapel. Institute classes are usually held Tuesday and Thursday, 8-9 am in the Student Center. For more information about the services call 547-6188.

Lutheran-Episcopal Student Group explores the meaning of Christian faith in a technological society. They gather for worship on Wednesday afternoons at 5:10 pm in the Chapel with a supper following in the basement of W2A.

MIT Seekers join in Bible study and fellowship starting at 4:44 pm on Sundays at Park St. Church in Boston. This group holds on-campus meetings and activities as well.

United Christian Fellowship (W20-441), the MIT chapter of InterVarsity Christian Fellowship, organizes small groups in several dorms and frats for Bible study, fellowship, and friendship evangelism. Discipleship and prayer gatherings complement large group activities including Friday night meetings, mission conferences, and weekend training retreats.

Protestant Churches in the MIT area include

Beacon Hill Friends House (6 Chestnut St., Boston, 227-9118) Quaker.

Bethel Revival Center (Harcourt St., Boston) Full gospel church from the holiness tradition.

Boston Chinese Evangelical Church (249 Harrison Ave., 426-5711)

Cambridge Christian Center (99 Prospect St., Cambridge, 491-4034) Charismatic church with fairly traditional Protestant services and a network of Bible study and prayer groups. Worship Sunday at 3 pm.

Cambridge Church of the Nazarene (234 Franklin St., Cambridge, 354-5065) Plain Bible teaching in a multi-ethnic setting.

Cambridge Friends House (5 Longfellow Pk., Cambridge, 876-6883) Quaker.

Christ Church (Zero Garden St., Cambridge, 876-0200) Episcopal church, popular with MIT students.

Church of the Advent (30 Brimmer St., Boston, 523-2177) Episcopal church in the Anglo-Catholic High Church tradition, attracts a number of MIT staff and students. Known for excellent musical and liturgical tradition. Sunday masses at 8, 9, and 11.

Harvard-Epworth Methodist Church (1555 Mass. Ave., Cambridge, 354-0837)

Inman United Presbyterian (Inman Sq., Cambridge) Emphasizes Biblical Christian Community, with charismatic leanings.

Jehovah's Witnesses (136 St. Botolph St., Boston, 536-8383)

King's Chapel (58 Tremont St., Boston, 523-1749) Unitarian. Home of a Korean Christian community.

Latter Day Saint Church (4 Longfellow Park, Cambridge, 868-0630)

The Mother Church (105 Falmouth St., Boston, 262-2300) Christian Scientist.

Old South Church (645 Boylston St., Boston, 536-1970) Congregational.

Park Street Church (1 Park St., Boston, 523-3383) Large congregational church with special student fellowship.

Ruggles Street Baptist Church (874 Beacon St., Boston, 266-3633) Bible teaching with close "family groups," including ministry and fellowship groups.

St. Paul Ame (37 Austin St., Cambridge, near MIT) Traditional black preaching and singing. Very popular with MIT students.

University Lutheran (66 Winthrop, Harvard Sq.) Modern Lutheran. Closely involved with many local campus ministries.

Western Ave. Baptist (299 Western Ave., Cambridge, 661-0433) Baptist church with roots in the black community.

Roman Catholic

Roman Catholic masses are celebrated in the MIT Chapel every Sunday at 9:00 am (guitar), 12 noon (organ), and 5:00 pm (guitar). Mass is also celebrated on Tuesdays and Thursdays at 5 pm and Fridays at noon. For information contact the full-time Chaplains, Fr. Robert O'Donnell of the Paulist Fathers, or Bob Scheri (W2A, 312 Memorial Dr., 3rd floor, x3-2981). The **Tech Catholic Community** (same address) organizes social events, discussion groups, a weekly charismatic prayer meeting, and other special activities.

Local Roman Catholic churches include

Blessed Sacrament Church (189 Pearl St., Central Sq., Cambridge, 547-1669) Closest to campus, staffed by a mixture of diocesan and Jesuit priests.

BU Newman House (211 Bay State Rd., Boston, 266-1683) If you live in a Boston frat and can't hack the bridge in the winter, BU's Catholic community has Masses in Marsh Chapel.

Paulist Center Community (5 Park St., Boston, 742-4460) Liberal Catholic parish-without-boundaries just steps from the Park St. subway station. Great book/gift shop. Lots of social justice activity. The MIT Tech Catholic Community is connected with this.

Sacred Heart Church (49 Sixth St., Cambridge, 547-0399)

Saint Aidan's Church (158 Pleasant St., Brookline, 277-0699)

Saint Ann's Student Parish (70 St. Stephen St., Boston, 266-2635) Located by Symphony Hall, serves students at Northeastern, Berklee, and all tiny schools across the river. Good place to meet people from other schools.

Saint Anthony Shrine (100 Arch St., Boston, 542-6440) and **Saint Francis Prudential Chapel** (Prudential Center, Boston, 542-6448) Both run by Franciscans. Masses tend to be very short. Sacrament of Reconciliation available 9-6 daily.

Saint Paul's Church (34 Mt. Auburn St., Cambridge, 491-8400) Home of the Archdiocesan Boy's Choir School whose students sing mass on Sundays at 11:00 am and weekdays at 8:00 am when school is in session. Home of the Harvard-Radcliffe Catholic Student Center.

Vedanta Society

Swami Sarvagatanada leads meditation and teaches Friday afternoon in the Chapel. For information call him at 536-5320.

Service Groups

There are quite a few service organizations which serve a wide variety of needs in the MIT community and in the local community as well. A good way to learn about these groups is to come to their booths at the Activities Midway.

Alpha Phi Omega (APO) (W20-415, x3-3788) projects include MIT registration, helping local community service organizations, renovations of local scout camps, fund raising for charities, and the book exchange held during the first week of classes.

Alpha Kappa Alpha is a national minority service sorority performing service to the local community and MIT.

Arnold Air Society (20B-113, x3-4472) is a national honorary/service fraternity of AFROTC cadets. They engage in a variety of service projects.

Kappa Alpha Psi is a national minority service fraternity which has in the past been active in the Big Brother program and other community service groups.

Lecture Series Committee (LSC) (W20-457, x3-3791) shows movies every Friday, Saturday, and Sunday evening of the term and charges MIT community members $1 for admission. It also sponsors lectures and does some training in the use of its graphic arts facilities.

MIT Black Student Union (MITBSU) (50-105) is a group which seeks to better the life of black students at MIT. To accomplish this goal they engage in activities ranging from tutoring to providing tapes of lectures. Membership is open to all MIT students.

MIT Human Rights Campus Network is a chapter of Amnesty International and helps obtain the release of those imprisoned for unjust reasons.

Student Information Processing Board (SIPB) (11-205, x3-7788) helps students obtain computer accounts for applications ranging from learning a computer language to doing number crunching and manages all student accounts. They also run some other computer-activities.

Technology Community Association (TCA) (W20-450, x3-4885) publishes this book and the *Freshman Picturebook,* runs a ticket service, a book exchange, silk screening and duplicating facilities, six **TCA**-Red Cross Blood Drives each year (2,000 pints isn't TDM!), and the Bus to Stop & Shop. (See the chapter on **Shopping** for details.)

Upward Bound (x3-5124) is a federally funded tutoring program run by MIT and Wellesley for low-income students over the summer and in the evenings during the term.

Urban Action (20A-001, x3-2894) coordinates student volunteers in service groups throughout Cambridge and Boston.

Women

MIT is unusual in that the males greatly outnumber the females. Therefore, women here may have different experiences and problems than they would in other places. All services that are open for males are also available to women; in addition, a few activities and services especially for women are available.

The **Margaret Cheney Room** (3-310, x3-4880) is a suite of rooms especially set aside for currently registered female students. It has a grand piano, complete kitchen equipment, beds, study areas, and showers. It serves as a meeting place for women's activities and women in general. The code to the combination lock is available from the Dean's Office (5-106, x3-4861).

Before I built a wall I'd ask to know
What I was walling in or walling out,
And to whom I was likely to give offense.

— Robert Frost

If you are female and have a problem (medical, social, academic, psychological, etc.), all the counseling and medical services of the Institute are open to you. However, if you prefer counseling or treatment by a female, you can get it. Some helpful women are Dotty Bowe, Assistant Director of Financial Aid (5-119, x3-4971), Dr. Myra Rodrigues (E23-341, x3-4911) and Mrs. Jacqueline Buck (E23-344, x3-4911), social workers; Dr. Charlotte Schwartz, the clinical sociologist; and Dr. Margaret Ross,

psychiatrist (E23-376, x3-2916). Be warned of "women prejudiced against women." Some of the worst cases of unfair treatment of women in the past decade have been by female "counselors" who themselves have failed in life.

The Medical Department has a female dermatologist. A female gynecologist, Fruma Ginsburgh, M.D. (E23-315, x3-1315), is available most afternoons. The department does have a part-time midwife. Gynecology is covered by MIT Students' Medical Insurance. Birth control advice and contraceptives are available on a confidential basis to those who want them. For more information call the Medical Department. They will also provide referrals for abortions.

If you should find yourself discriminated against because of your sex, (or any other reason), notify Mary Rowe (10-215, x3-5921), Special Assistant to the President, who is specifically concerned with the quality of life for all women (and men) connected with MIT.

There can be no free men until there are free women.

— Anonymous

Women's groups at MIT include

Association of MIT Alumnae (AMITA, x3-8220) meets regularly. They also serve as an organization through which current students may meet with alumnae to discuss careers, chat informally, etc. AMITA may be contacted through the Alumni Association.

Association for Women Students (AWS, 50-209) is run by students. The projects it undertakes are determined by the members and can include finding speakers, giving support to the women's sports program, serving as an information resource, and possibly founding a Women's Center at MIT.

Tech Community Women (TCW, formerly Technology Wives Organization) is an organization which welcomes into membership women who are wives of students or of employees as well as single women who are MIT students or employees. The purpose of the organization is that of welcoming women into the MIT community and helping them to feel at home here. The activities, which provide social fellowship and promote the broadening of members' interests, are publicized each month in the TCW newsletter, *New Directions*.

The Wives' Group provides a program of informal activities for American and international wives of students, staff, faculty, and visiting scientists. Several groups have been organized for those who would like to get acquainted with other women and learn about the US and Boston, including the Wednesday Afternoon group, which presents invited speakers covering a broad range of topics, and the Craft Group, whose members offer instruction in different crafts. Baby-sitting is provided for the Wednesday Afternoon Group; children come along to the other meetings. Other activities which have been organized for members are visits to schools, professional contracts, a language conversation exchange, neighborhood support groups, informal dinner groups for couples, and a welcoming network of persons who help newcomers get settled. The group is informal, and new members may join at any time during the year. It has produced *Getting Acquainted — A Book of Information About MIT and the Boston Area* to help all members of the MIT community become acquainted with people and organizations that can be of service. For more information call Dr. Charlotte Schwartz (x3-2916). For copies of *Getting Acquainted* come to E23-376.

Women's Advisory Group is a committee of representatives of women's groups at MIT which serves as a lobbying group for improvements or decisions affecting MIT women. Representatives are chosen by women's groups. For more information contact Mary Rowe (10-215, x3-5921).

Women's Athletic Council consists of representatives from each women's team at MIT and exists to further the development of athletic programs and facilities for women. (MIT has an extensive women's athletic program. There are varsity basketball, fencing, gymnastics, softball, swimming, sailing, tennis, volleyball, and crew teams as well as synchronized swimming, rugby, lacrosse, and cheerleading clubs.)

Women's Forum members include all women at MIT They meet at noon on the first and third Mondays of the month to discuss a wide variety of topics and offer a good opportunity for faculty, employees, spouses, and students to get together. They have a mailbox in E19-341, or call Isabelle Barclay at x3-4787.

MIT Women's League includes all wives of faculty, administrative and research staff and all female staff members. They have a meeting room (Emma Rogers Room, 10-240) and an adjoining office (10-342, x3-3656). In addition to having special programs, members are involved in a number of projects that benefit the community at large (e.g. furniture exchange, English classes for foreign wives, a plant sale, Christmas Convocation, TCA-Red Cross Blood Drives, Seminar Series, and the Newcomer Welcoming Committee).

Off-campus women's organizations include:

Boston Women's Collective, Inc. (490 Beacon St., Boston, 266-2620) is a non-profit organization that researches and publishes educational materials.

Boston Women's Health Collective (465 Mt. Auburn, Watertown, 924-0271) has written the book *Our Bodies, Ourselves* and has an ongoing interest in health care and services.

Center for Women's Legal Studies (678 Mass. Ave., Cambridge, 492-5200) does test litigation on problems affecting women. If they accept your case, their services are free. Also connected with them is the Women's Law Collective, a group of women attorneys who handle private legal matters for a fee.

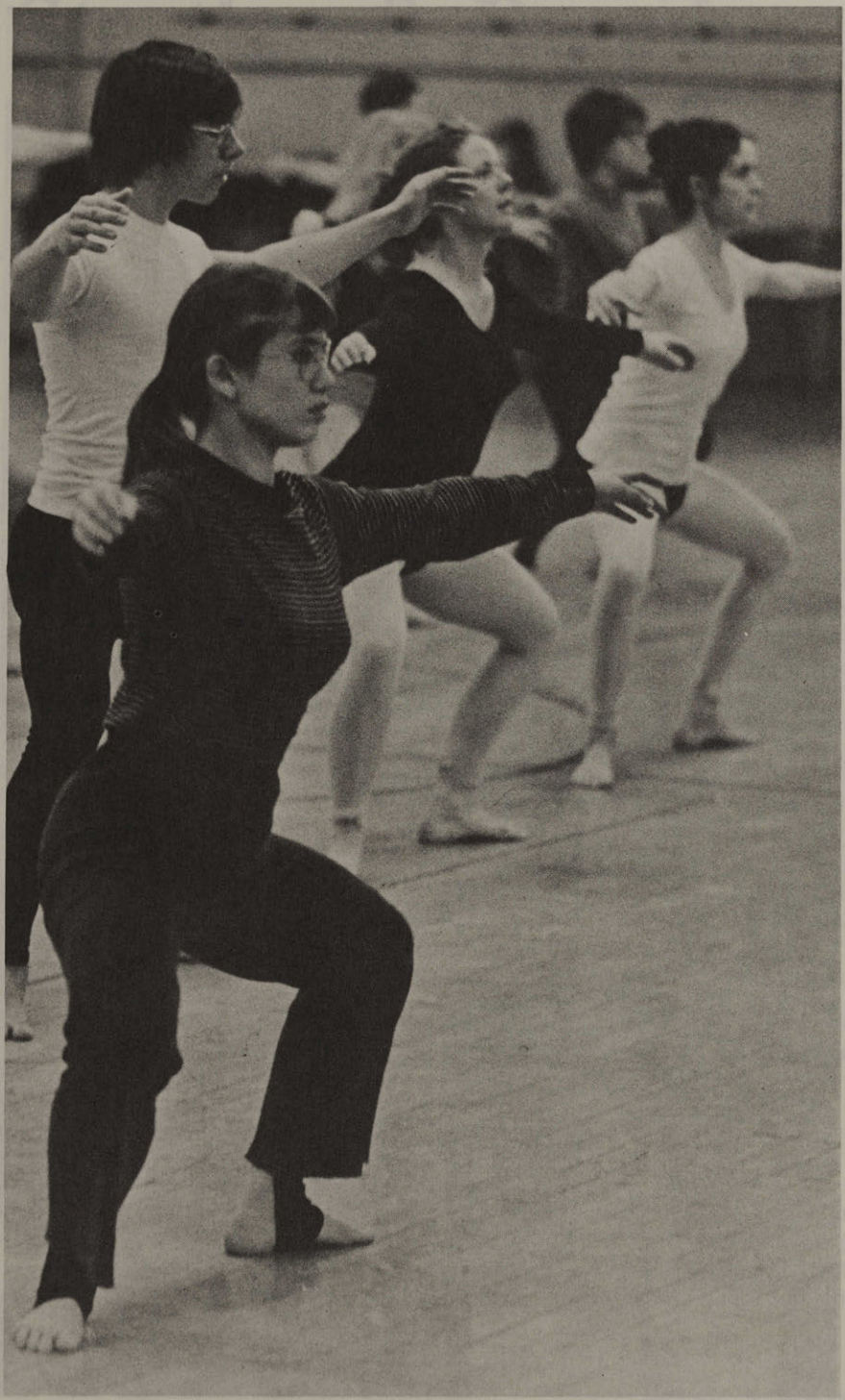
National Organization for Women (NOW) (99 Bishop Richard Allen Dr., Cambridge, 661-6015) is the eastern Massachusetts chapter of this multi-faceted organization for men and women. Through educational and political involvement they deal with issues of abortion, employment, child care, health, and religion. They offer speakers' bureaus, legal referral, and consciousness-raising groups.

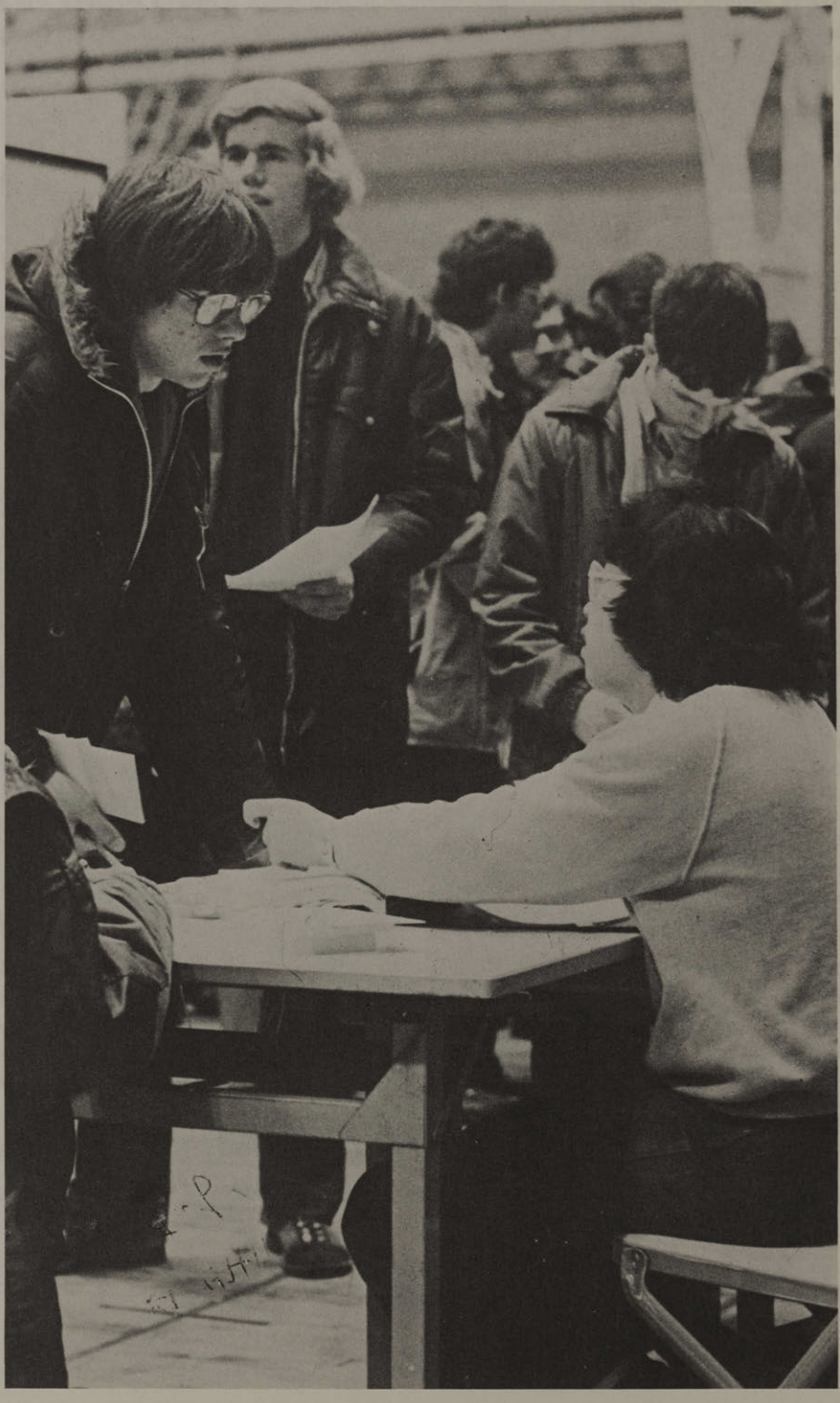
Sojourner is a feminist journal of the arts distributed at MIT weekly, and for sale at the Coop Lobby Shop.

Check with the **New Words Bookstore** (Hampshire St., Cambridge) about other local feminist publications, clubs, etc.

There are two sides to every question; the wrong side and our side.

— Benjamin Franklin





Starting & Running an Activity

There are a large number of existing activities at MIT; the section on **Groups** in this book and the *Freshman Handbook* list many; the Association of Student Activities (ASA, W20-401,x3-2696) keeps a complete list and copy of the constitutions of all recognized activities. Most groups are in need of enthusiastic members, so don't hesitate to contact the chairman of any activity that interests you. However, you may find your favorite pastime or cause is not represented. If this is the case, don't bemoan the fact — it's not very hard to start an activity given time, a bit of organization and, most importantly, dedication. The first part of this section describes the procedure for your group to become a recognized activity; the remainder gives some tips on organizing and running it.

So You Want to Be an ASA Activity . . .

This is the easiest part of setting up an activity. The requirements and red tape are minimal. Good people to talk to are Stephen Immerman, the dean responsible for student activities (W20-345, x3-7974), or someone from the ASA. Here are the requirements to become an official activity:

1. Membership:
a) You should have at least five student members:
b) No more than fifty percent of the voting members may be non-student;
c) Membership must not be limited by race, creed, color, or sex. (Voting, however, may be restricted, depending on your group's nature.)

2. Constitution: You must submit a constitution, which should state
a) the purpose of your organization;
b) a definition of membership;
c) how decisions are to be made;
d) the approximate frequency of meetings;
e) the election procedure, duties, and terms of your group's officers.

3. Petition: Five MIT students must petition to have the activity recognized.

4. List of Officers: The ASA keeps a record of the current officers, their addresses and phone numbers.

Organizational Tips

You may organize your activity however you deem fit. Talk to people you know in existing groups and find out how they are run. You should try to avoid making officers' jobs too demanding. Furthermore, be careful not to set quorum too high; at the height of the term, it's not always easy to get people to attend meetings. Finally, try to plan meeting and other events well in advance, so there is time to get out announcements to all members.

It is unwise to use physical intuition if you don't have any.

— Prof. A. Mattuck

Finance

The two important aspects of financing are how to obtain funds and how to keep track of them. Below are some suggestions about how to accomplish each.

Funding Services

At least initially, an activity will probably need to obtain grants to maintain its functions. Consequently, there are many funding sources at MIT. The Undergraduate Association Finance Board (FinBoard) and the Activities Development Board are the largest and least specialized of these and are described below. The smaller sources, with funds earmarked for specific causes, are too numerous to mention here. To find those sources which might sponsor your activity, ask someone fairly high up in a department or division which seems most closely related (e.g., the Music or Athletic Departments) and talk to the deans, especially Dean Immerman (W20-346).

FinBoard (W20-405)

In addition to preparing the UA budget and acting as treasury for each of the undergraduate classes, the Finance Board is in charge of allocating the Association of Student Activities budget among the dozens of groups requesting funds. The majority of the budget is divided up in January. All organizations are expected to prepare budgets at the end of the fall term. FinBoard meets with representatives from each activity needing fundings to determine how much of the discrepancy between income and expenditures it will cover. To be eligible to receive FinBoard grants, an activity must be recognized by the ASA and must not be religious or political in intent. Further, funds issued by FinBoard are to be used only for competition costs, office supplies, publicity expenses, and general operating expenses, and not to sponsor group social events closed to the MIT community. Requests of large sums for major, one-time expenditures should be made through the ADB. (See below.)

In allocating the ASA budget, FinBoard follows these criteria:

1. The actual and comparative need of the organization;
2. Its comparative value to the undergraduate community;
3. Its educational value for the individual member;
4. Its age and potential for growth (newly formed groups have higher priority).

Some of the Board's budget is saved aside for unanticipated expenses or for groups created between periods of routine hearings. In such cases, a detailed budget covering expenses up to the beginning of the next fiscal year must be submitted. The request is considered at the next meeting of FinBoard; if the need is urgent, the activity may request a special meeting of the board.

Further questions about grants or loans from FinBoard should be directed towards the FinBoard chairman, Stop by the UA (W20-401) to find out who he is and how he may be reached.

Activities Development Board (ADB)

The ADB is an Institute committee consisting of twelve individuals appointed by the President. Undergraduates, graduates, faculty and administration are equally repre-

sented on the committee, whose purpose is to finance large, one-time expenditures (such as buying drums for the Marching Band or bookshelves for the Science Fiction Society). Criteria similar to FinBoard's are used in granting funds. It is often useful, before filling out a request form for ADB funds (available in Dean Immerman's office, W20-345) to discuss your needs with the FinBoard chairman, who may then write a letter of support for your proposal.

Fund Raising

As your group is established, it is encouraged to make smaller requests from its funding sources. FinBoard and ADB tend to favor new organizations in allocating funds, so older activities will have a hard time obtaining full grants if they are not making an effort to raise some of their own funds. Often, the nature of your activity may suggest an appropriate item to sell or fund-raising event — thus, the Frisbee Club sells frisbees, and the Shakespeare Ensemble performs Shakespeare. Bake sales in Lobby 10 are often profitable; this is a fund raiser any group could use. (For more information on procuring a booth in Lobby 10, see the **Publicity** section below.) Charging dues for membership can be a source of income, but not one to be exploited heavily, for fear of discouraging prospective members. With a modicum of creativity, you will surely think of several ways to earn money for your group.

Bookkeeping

How should you keep track of all that money? FinBoard has established a standardized bookkeeping system. The UA accountant in the FinBoard office (W20-405) will be glad to help you set up a system for your organization.

Publicity

Making sure the MIT community is aware of your existence and the events you sponsor is vital to your activity's livelihood. Details of a number of methods commonly employed are described below.

Newspapers

The Tech

The Tech (W20-483, x3-1541) is published Tuesdays and Fridays and has the largest readership of any campus newspaper.

1, The **Notes** column costs nothing, but nothing submitted is guaranteed to be printed. Announcements are fit in wherever space is available; priority is given to MIT notices and free events. The date, time, place, and pertinent information should be written out and mailed or hand-delivered to *The Tech* office before 5 pm two days before the issue is published.

2. **Display ads** have the same deadline as **Notes** announcements. You may hand in camera-ready copy or have *The Tech* typeset your ad. For rates, call *The Tech*.

Tech Talk

Tech Talk (5-113, x3-3270) is the Institute's official newspaper. It is published each Wednesday.

1. **Calendar** and **Announcements** (deadline: Friday noon) — Submissions for these columns should include the date, time, location, and other pertinent information.

2. **Articles** — The *Tech Talk* staff will help you write an article describing your event. The deadline is more flexible, but it must be completed by Tuesday afternoon, so that it can be included in the next day's issue. However, *Tech Talk* will not always publish articles submitted.

Lecture Series Committee

LSC (W20-469, x3-3791) is a student-run organization that is best known for the movies that it shows every weekend. It has a large publicity department which often does work for other organizations.

Slides describing your event/meeting will be shown at every LSC movie on a given weekend. Either give the information to the main office and have slide typed or submit camera-ready copy. Cost: $20. Deadline: Thursday at noon. Cost if late: $25, but showing not guaranteed.

In addition, LSC can print **flyers, posters,** and **invitations** any size up to 17×22″. Paper from index stock to MIT bond in a spectrum of colors is available. Typesetting can be done at LSC or *The Tech,* or camera-ready copy can be submitted. Prices are negotiable. Contact the LSC office or the LSC Publicity Director.

Flyers and Posters

Posters can be effective, particularly if they are eye-catching. Physical Plant forbids posting notices except on the few bulletin boards covered with many layers of notices. This does not stop many activities from using wall space and having their posters torn down nightly. A few recommended printers are LSC and those listed below. Silk-screening, described below, is another option, usually cheaper though it requires manpower.

Other Printers

1. Graphic Arts — Located at MIT. Convenient for Xeroxing. Call x3-3883 or x3-4765 for further information.

2. Copy Cop (815 Boylston St., Boston, 267-9267) — Good for smaller jobs (on the order of 1000 copies or less). They are fairly fast and will make copies while you wait if you come before 3:45 pm.

3. Gnomon Copy (1304 Mass. Ave., Harvard Sq., 491-1165) — Good all-around service, but there is a wait of 24-48 hours. They will do good offset printing in color.

4. Copyquik (1230 Mass. Ave., Cambridge, 864-1856) — Good service that provides typesetting as well as printing service. They will also help you design your copy.

5. Postal Instant Press (PIP) (185 Alewife Brook Pkwy., Cambridge,497-4999) — The Cambridge branch is newly opened. They can do a wide variety of printing and are extremely fast.

Silkscreening

This is a printing method used chiefly for posters and t-shirts. T-shirts are good publicity in their own right, and sales can be profitable if they're properly managed. Silkscreening is usually the cheapest way to have posters printed but requires a labor commitment. The **Technology Community Association** can provide the materials and know-how, you supply the manpower. For more information contact **TCA** (W20-450, x3-4885).

If you're doing T-shirts, you may want to have them done professionally, especially for small runs, specialty jobs, etc. **Beau Tease** (12 Beacon St., Cambridge, 876-0482) is very good and uncommonly pleasant to work with.

Bulk Mailings

Mailings to prospective members or people who will participate in your event provides a more personal touch that may get a response. However, the cost of a mailing is greater than that for other forms of advertising.

A mailbox stuffing is a very inexpensive means of reaching a large part of the student community. Bring bundles of flyers to each dorm desk, and ask for permission to come behind the desk to stuff the boxes. Leaving four to five flyers in each of the mailboxes for independent living groups in 7-133 is also a good idea.

If you need a more selective mailing, the Registrar (E19-335, x3-4784) can provide address labels for any undergraduate class for about $30.00. However, you must first obtain permission from the Dean for Student Affairs (7-133, x3-6776.) Here again, it is advisable, especially if you are in a hurry, to do the mailbox stuffing yourself. The MIT mail service (24-007) dislikes being flooded with hundreds of flyers, and you should talk to them if you intend to send a large mailing by interdepartmental mail.

Mailings to the incoming freshmen are a good idea to attract new members. Labels for all of the incoming freshmen can be obtained in May from the Undergraduate Academic Support Office (7-104, x3-6671). This office sends a packet to the freshmen over the summer, which allows an organization to reach the freshmen at a much lower cost.

Drop Poster

Drop posters are long vertical posters hanging down from the second or third floor of Lobby 7. Such a poster is a good way to publicize an event since it takes some effort to ignore them while walking through Lobby 7. A drop poster takes about 30 feet of paper, some paint, and permission from the Lobby 7 Coordinator, Anita Walton (7-145, x3-4400). TCA (W20-450, x3-4885) sells paper at $.15/foot. APO (W20-415, x3-3788) sells paint.

Lobby 10

You may need to obtain a booth in Lobby 10 to sell tickets or baked goods, hand out balloons, etc. Contact the UA Secretary in W20-401 (x3-2696) to reserve a booth.

Letterpress

If you need tickets or stationery, Alphi Phi Omega Service Fraternity can print them very reasonably on its letterpress. For information and rates call APO (x3-3788) and ask for a press operator.

Space

To run your activity, you may need office space, and you will amost certainly need to reserve rooms for various events from time to time. In this section procedures for obtaining both of these are described.

Common sense is not so common.

— Voltaire

Office Space

Office space is available through the ASA. Since there is a shortage of space, a need for space must be demonstrated. The ASA uses need and the amount of student participation as guidelines for assigning the available space. If there is not other office space available, your organization can be assigned to the small activities room in the Student Center (W20-437).

Event Space

Student Center

There are a number of rooms in the Student Center available for a wide variety of functions. Unless otherwise noted, the rooms listed below are scheduled at W20-345 (x3-7974).

1. *Sala de Puerto Rico* — very large, spacious room, excellent for parties; it has a refrigerator in its unequipped kitchen.

2. *Mezz Lounge, West Lounge* — Carpeted rooms, probably best suited for meetings.

3. *407, 491, 473* — Open rooms adaptable to meetings, dancing, and similar small events.

4. *W20-400* —Appropriate for meetings, this room is scheduled through the UA Secretary, (W20-401, x3-2696).

5. Private Dining Rooms — are on the third floor of the Student Center and are scheduled through Dining Services (W20-357, x3-6492). Student activities must yield to official functions in scheduling these rooms.

Kresge

Kresge Auditorium is the place with the largest seating capacity on campus. It is used for movies, bands, the orchestra, and lectures. The scheduling for the auditorium is done in March for the coming school year and is booked fairly solidly. In addition to the auditorium, there is a *Little Theatre* and two rehearsal rooms. All of these facilities are scheduled by Dean Immerman's office.

The Bush Room

The **Bush Room** (10-105) is a large, comfortable room suited for luncheon or dinner meetings. There are kitchen facilities available. Reservations can be made through the Alumni Office (10-110, x3-8201).

Other Locations

1. *Department Lounges:* Many of the larger departments have carpeted lounges appropriate for meetings. They may be reserved through the department headquarters and are usually hidden somewhere nearby.

2. *Classrooms* are also available for use when classes are not scheduled. They are scheduled through the Schedules Office (E19-338, x3-4788).

3. *DuPont Gymnasium, Briggs Field,* and *Rockwell Cage* are available but very hard to obtain. Activities must yield to Physical Education classes, varsity and club sports, and intramural events. Arrangements can be made by calling x3-4916.

4. Most dormitories have a room that is fairly large, often with kitchen facilities. It is possible to rent these rooms at a nominal cost. For more information call the dormitory's desk.

. . . and so, the science of genetics has made tremendous gains. For instance, statistical studies have shown that chances are that if your parents didn't have children, you won't either.

— a 9th grade biology report


BOSTON CITY HALL

In and Around Boston

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Travel and Transportation

Like the Institute, the Boston area is a difficult place to learn how to navigate. The streets in the older sections follow former cowpaths and shorelines and make very little sense to newcomers. Occasional grids exist, e.g. in Back Bay and South Boston, but even here confusion reigns — numbering changes from street to street.

To really understand Boston's street layout, you need to realize that its roads run from square to square. Learn where each square is, and the streets just fall into place. (See the map on the following page.)

Peculiarities to note:

1. Most streets are not clearly marked. Main streets are almost never marked; you can go out of your mind reading the name of each tiny side street without ever finding out which highway you are on.

One key to finding your way in Back Bay: side streets there go in alphabetical order, starting with "A" (Arlington) at the Public Garden and ending at "J" (Jersey) in the Fenway.

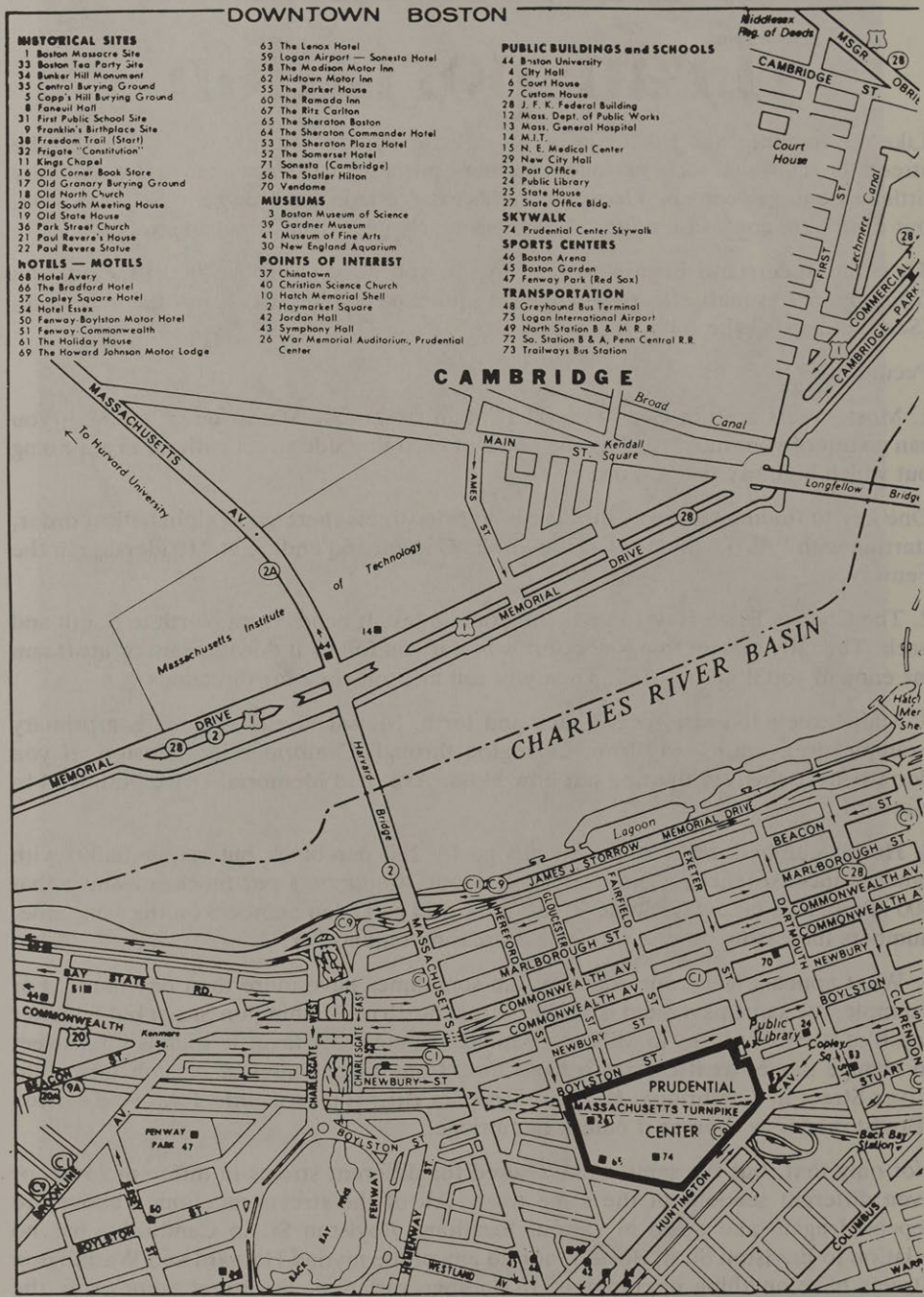
2. The Charles River is *not* a good direction index. It bends from North to South and back. The only certain things about it is that if you follow it downstream or upstream far enough you'll get to MIT. Then you can ask someone for directions.

3. Main streets likewise weave back and forth. Massachusetts Avenue is a primary example, weaving its way from Lexington through Cambridge into Boston. If you don't believe this, try figuring out how Mass. Ave. and Memorial Drive both lead to Harvard.

4. House numbers on a street do not go by 100 per block but sequentially, with random inconsistencies. The average is about 30 numbers per block, meaning that 300 numbers is far away. Some streets have odd and even numbers on the same side, numbers increasing on one side and decreasing on another!

5. What appears to be one roadway can sometimes have more than one name. For example, the same pavement is Winter Street north of Washington Street but Summer south of it. Water turns to Milk in a similar maneuver. A favorite trick is for a street to change names as it crosses a town line. Cambridge Street in Allston turns into River Street in Cambridge. Harvard Street in Brighton turns into John F. Kennedy (Boylston) St. as soon as it enters Cambridge.

Not only that, but the same name is used for different streets in different towns or even different sections of the same town. All of the streets mentioned above are repeated again and again in various locations. Boylston St. in Cambridge has no relation to Boylston St. in Boston, nor do any of the myriad Harvard and Washington Streets have anything in common. In another variation, the street names stay the


DOWNTOWN BOSTON
HISTORICAL SITES
1 Boston Massacre Site
33 Boston Tea Party Site
34 Bunker Hill Monument
35 Central Burying Ground
5 Copp's Hill Burying Ground
8 Faneuil Hall
31 First Public School Site
9 Franklin's Birthplace Site
38 Freedom Trail (Start)
32 Frigate "Constitution"
11 Kings Chapel
16 Old Corner Book Store
17 Old Granary Burying Ground
18 Old North Church
20 Old South Meeting House
19 Old State House
36 Park Street Church
21 Paul Revere's House
22 Paul Revere Statue
HOTELS — MOTELS
68 Hotel Avery
66 The Bradford Hotel
57 Copley Square Hotel
54 Hotel Essex
50 Fenway-Boylston Motor Hotel
51 Fenway-Commonwealth
61 The Holiday House
69 The Howard Johnson Motor Lodge
63 The Lenox Hotel
59 Logan Airport — Sonesta Hotel
58 The Madison Motor Inn
62 Midtown Motor Inn
55 The Parker House
60 The Ramada Inn
67 The Ritz Carlton
65 The Sheraton Boston
64 The Sheraton Commander Hotel
53 The Sheraton Plaza Hotel
52 The Somerset Hotel
71 Sonesta (Cambridge)
56 The Statler Hilton
70 Vendome
MUSEUMS
3 Boston Museum of Science
39 Gardner Museum
41 Museum of Fine Arts
30 New England Aquarium
POINTS OF INTEREST
37 Chinatown
40 Christian Science Church
10 Hatch Memorial Shell
2 Haymarket Square
42 Jordan Hall
43 Symphony Hall
26 War Memorial Auditorium, Prudential Center
PUBLIC BUILDINGS and SCHOOLS
44 Boston University
4 City Hall
6 Court House
7 Custom House
28 J. F. K. Federal Building
12 Mass. Dept. of Public Works
13 Mass. General Hospital
14 M.I.T.
15 N. E. Medical Center
29 New City Hall
23 Post Office
24 Public Library
25 State House
27 State Office Bldg.
SKYWALK
74 Prudential Center Skywalk
SPORTS CENTERS
46 Boston Arena
45 Boston Garden
47 Fenway Park (Red Sox)
TRANSPORTATION
48 Greyhound Bus Terminal
75 Logan International Airport
49 North Station B & M R.R.
72 So. Station B & A, Penn Central R.R.
73 Trailways Bus Station
CAMBRIDGE
Middlesex Reg. of Deeds
MSGR
OBRIEN
CAMBRIDGE ST.
Court House
First St.
Lechmere Canal
COMMERCIAL
CAMBRIDGE PARK
Broad Canal
MAIN ST.
Kendall Square
Longfellow Bridge
MASSACHUSETTS AV.
To Harvard University
Massachusetts Institute of Technology
AMES ST.
MEMORIAL DRIVE
CHARLES RIVER BASIN
HARVARD BRIDGE
Lagoon
JAMES J. STORROW MEMORIAL DRIVE
BEACON ST.
MARLBOROUGH ST.
COMMONWEALTH AV.
NEWBURY ST.
BOYLSTON ST.
PRUDENTIAL CENTER
Public Library
Copley Sq.
Back Bay Station
MASSACHUSETTS TURNPIKE
HUNTINGTON
COLUMBUS
CLARENDON
STUART
DARTMOUTH
EXETER
ARLINGTON
GLOUCESTER
HEREFORD
MASSACHUSETTS AV.
BAY STATE RD.
COMMONWEALTH
Kenmore Sq.
BROOKLINE
CHARLESGATE EAST
CHARLESGATE WEST
FENWAY PARK
FENWAY
LAKE
WESTLAND AV.
HEMENWAY ST.
PARK DR.


CHARLESTOWN
BOSTON INNER HARBOR
Charles River
Prison Point Bridge
To Mystic River Toll Bridge
U.S. Naval Reservation
Frigate U.S.S. Constitution "Old Ironsides"
Charlestown Bridge
R.R. Bridges
Charles River Dam
Museum of Science
NASHUA ST
Boston Garden-North Station
CAUSEWAY ST
West End Redevelopement Project
Mass Gen. Hospital
CHARLESBANK PARK
Pool
BLOSSOM ST
CHARLES ST
CAMBRIDGE ST
Suffolk Univ.
State Office Building
State House
Pemberton Sq.
Court House
New City Hall
John F. Kennedy Federal Bldg
NORTH END PLGD
COMMERCIAL ST
CHARTER ST
Constitution Wharf
Battery Wharf
Lincoln Wharf
Union Wharf
Sargents Wharf
Lewis Wharf
Commercial Wharf
T Wharf
Long Wharf
New England Aquarium
India Wharf
Rowes Wharf
Fort Hill Sq.
Custom House
Post Office Sq.
City Hall Sq.
BOSTON COMMON
Frog Pd.
PUBLIC GARDEN
Arlington Sq.
Castle Square Housing Project
New England Med. Ctr.
South Station
Summer St. Bridge
Northern Av. Bridge
Dorchester Bay
SOUTH BOSTON
JOHN F. FITZGERALD EXPRESSWAY
Broadway Bridge
Legend
City Routes
One Way Streets
U.S. and State Routes
Freedom Trail
scale miles
Prepared by The National Survey, Chester, Vt


CITY OF
ARLINGTON
BELMONT
WATERTOWN
FRESH POND
1
2
3
4
5
A
B
C
D
E


6
7
8
9
10
A
B
C
D
E
BRIDGE
CHARLES RIVER PARK
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
PRUDENTIAL CENTER
BOSTON UNIVERSITY
1/4
1
S


Metropolitan Boston
Ipswich Bay
To New Hampshire
To Atlantic Ocean
Massachusetts Bay
To Western Massachusetts
To Rhode Island
To Cape Cod
Scale of Miles
1 2 3 4 5
Names printed in this typeface are parts of Boston.
BOSTON
CITY OF
WESTON
NEWTON
WELLESLEY
NEEDHAM
DEDHAM
MILTON
QUINCY
BRAINTREE
WEYMOUTH
HINGHAM
COHASSET
SCITUATE
NORWELL
HANOVER
ABINGTON
WHITMAN
BROCKTON
HANSON
EAST BRIDGEWATER
WEST BRIDGEWATER
BRIDGEWATER
EASTON
FOXBOROUGH
MANSFIELD
SHARON
STOUGHTON
AVON
HOLBROOK
RANDOLPH
CANTON
NORWOOD
WALPOLE
MEDFIELD
WESTWOOD
DOVER
NATICK
FRAMINGHAM
SUDBURY
WAYLAND
WALTHAM
WATERTOWN
CAMBRIDGE
ARLINGTON
BELMONT
LEXINGTON
LINCOLN
CONCORD
BEDFORD
BURLINGTON
WOBURN
READING
NORTH READING
WILMINGTON
STONEHAM
MELROSE
MALDEN
MEDFORD
EVERETT
REVERE
CHELSEA
WINTHROP
SAUGUS
LYNN
SWAMPSCOTT
MARBLEHEAD
SALEM
PEABODY
LYNNFIELD
MARBLEHEAD
DANVERS
BEVERLY
WENHAM
MANCHESTER
GLOUCESTER
ROCKPORT
Allston
Brighton
S. Boston
Jamaica Plain
Dorchester
Mattapan
Hyde Park
W. Roxbury
HULL

same, but the numbering system starts all over again, normally in the opposite direction. For instance, 840 Mass. Ave. in Boston is nowhere near 840 Mass. Ave. in Cambridge.

6. Town names are no less confusing than street names. Present-day Boston includes the old townships of Allston, Brighton, Charlestown, Hyde Park. Roxbury, West Roxbury, Jamaica Plain, Mattapan, South Boston, Dorchester, East Boston and Roslindale. At the core of all this is Boston Proper, which includes the neighborhoods of the North End, West End, South End, Downtown, Chinatown, Beacon Hill, and Back Bay. In addition there are unofficial terms, such as Readville, South Cove, Columbia Point and Orient Heights, in common use. The various governments, the post office, the telephone company and the local people all differ concerning which of these terms should be used. (But note that Brookline, although an inner suburb, is *not* a part of Boston.)

7. Adjacent areas often have similar names. For example, Newton Center, West Newton, Newton Lower Falls, Newton Upper Falls and Auburndale (how did *that* get there?) are all parts of Newton.

8. The Metropolitan District Commission (MDC) is a separate (not equal, greater, or lesser, just separate) entity charged with handling certain services for Boston and the outlying suburbs. The parks, MDC police, water supply, MDC "parkways," many pools, skating rinks, tennis courts, and sewers are managed by the MDC.

9. When traveling to an unfamiliar place pick an easily visible landmark near where you want to go or know the name of the nearest square (roads tend to run from square to square) and head for that. It is also much easier to ask strangers for directions to landmarks than to out-of-the-way places.

Had I been present at the Creation, I would have given some useful hints for a better ordering of the Universe.

— King Alfonso the Learned, upon hearing an explanation of astronomy according to Plato

Maps

Good, free maps are difficult to come by. Cambridge and Boston Chambers of Commerce sporadically publish maps and may have a few available. The Information Office (7-113) and may dorm desks have maps you can consult. For a few dollars, **The Coop** sells several good maps of Cambridge and Boston, including the **Arrow Street Guide of Boston and Surrounding Communities. Car-free in Boston and all Massachusetts,** an excellent book with all sorts of transit, biking, and walking maps as well as tips on using mass transit, taxicabs, and bicycles, may be available but has not been updated recently. The Park St. T-station usually has maps and schedules of all T routes.

Walking

Compared with many other cities, Boston is a city of microscopic distances, and walking is often the easiest form of transportation. During rush hour it may be almost as fast as driving, especially from here to Harvard Square. Another advantage of

Charles River Mileage Map
courtesy of: Boston University / The Department of Physical Education and Recreation
CHARLES RIVER
Charles River Dam
Longfellow Bridge
Storrow Drive
Memorial Drive
Harvard Bridge
Boston University Bridge
Anderson Bridge
Western Ave. Bridge
River Street Bridge
1.37
1.09

walking is that you get a chance to meet people and see shops and activities you would otherwise miss. If you need an escort across campus, call Campus Police (x3-2997). This service of Campus Police is especially good for women travelling alone at night or anyone with a large sum of money to be deposited.

If you are walking alone at night, find a friend or two to go with you, especially if you are going off campus or into an unknown area. Otherwise, use your common sense. Boston and Cambridge have high crime rates and even a "grungy-looking" student isn't necessarily safe. Use only well-lighted, well-travelled streets; don't take short cuts. Even if you plan to avoid the notorious Combat Zone, remember that just walking along Memorial Drive to look at the river by moonlight can be hazardous. The Campus Police can give you information about danger zones around the MIT campus.

Jogging

Boston is a reasonably good place to go jogging if you don't mind competing with bicycles and other joggers on the sometimes crowded paths. The Charles River has a 16-mile circuit which runs along both sides of the river from Science Park to Watertown. (See the Charles River Mileage Map.) If jogging, use your common sense; crime can happen anywhere. You should also beware of Boston drivers, who are often not looking where they are going.

Hitchhiking

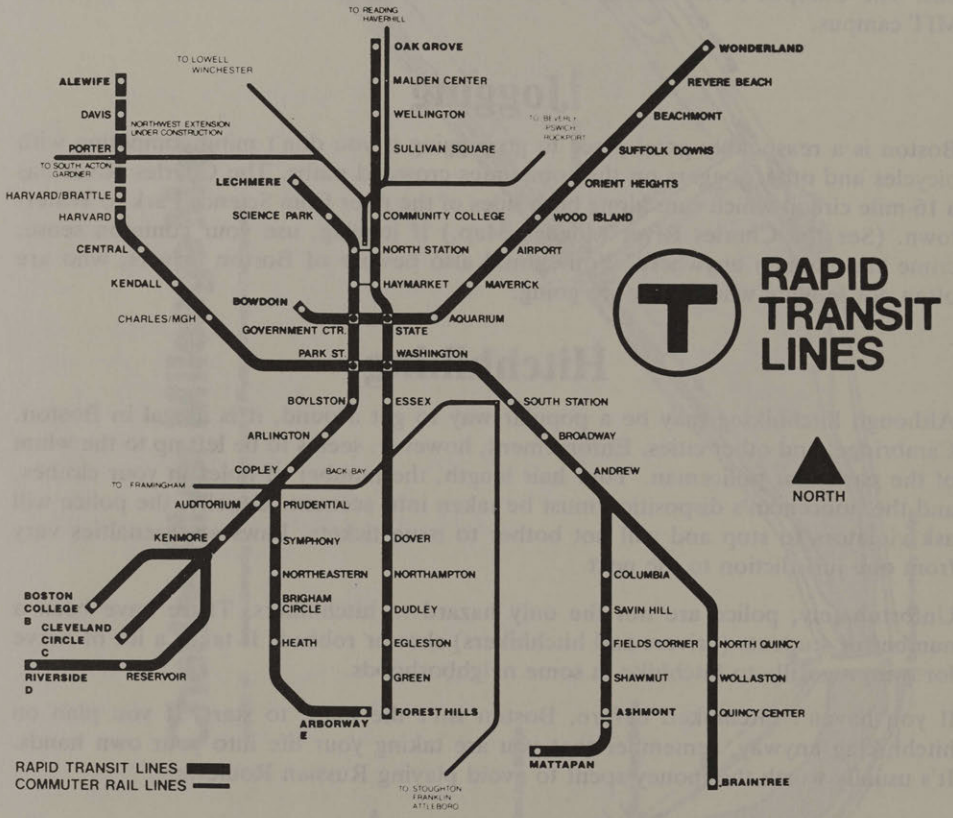
Although hitchhiking may be a popular way to get around, it is illegal in Boston, Cambridge, and other cities. Enforcement, however, seems to be left up to the whim of the particular policeman. Your hair length, the number of holes in your clothes, and the policeman's disposition must be taken into account. Usually, the police will ask violators to stop and will not bother to issue tickets. Laws and penalties vary from one jurisdiction to the next.

Unfortunately, police are not the only hazard to hitchhikers. There have been a number of students (drivers and hitchhikers) shot or robbed. It takes a lot of nerve for even a gorilla to hitchhike in some neighborhoods.

If you haven't hitchhiked before, Boston isn't the place to start. If you plan on hitchhiking anyway, remember that you are taking your life into your own hands. It's usually worth the money spent to avoid playing Russian Roulette.

Mass Transit

Boston has one of the oldest and dearest mass transit systems in the country. It is operated by the Massachusetts Bay Transportation Authority (MBTA), usually known as the "T." Park Street is the oldest subway station in the nation. The T uses rapid transit cars, streetcars, electric buses (trackless trolleys), conventional buses, and diesel-powered commuter rail cars.


TO READING
HAVERHILL
TO LOWELL
WINCHESTER
ALEWIFE
DAVIS
NORTHWEST EXTENSION
UNDER CONSTRUCTION
PORTER
TO SOUTH ACTON
GARDNER
HARVARD/BRATTLE
HARVARD
CENTRAL
KENDALL
CHARLES/MGH
OAK GROVE
MALDEN CENTER
WELLINGTON
SULLIVAN SQUARE
LECHMERE
SCIENCE PARK
COMMUNITY COLLEGE
NORTH STATION
HAYMARKET
BOWDOIN
GOVERNMENT CTR.
STATE
PARK ST.
WASHINGTON
BOYLSTON
ESSEX
SOUTH STATION
ARLINGTON
BROADWAY
COPLEY
BACK BAY
ANDREW
TO FRAMINGHAM
AUDITORIUM
PRUDENTIAL
KENMORE
SYMPHONY
NORTHEASTERN
BRIGHAM
CIRCLE
HEATH
DOVER
NORTHAMPTON
DUDLEY
EGLESTON
GREEN
FOREST HILLS
ARBORWAY
E
BOSTON
COLLEGE
B
CLEVELAND
CIRCLE
C
RIVERSIDE
D
RESERVOIR
TO BEVERLY
IPSWICH
ROCKPORT
WONDERLAND
REVERE BEACH
BEACHMONT
SUFFOLK DOWNS
ORIENT HEIGHTS
WOOD ISLAND
AIRPORT
MAVERICK
AQUARIUM
COLUMBIA
SAVIN HILL
FIELDS CORNER
SHAWMUT
ASHMONT
MATTAPAN
NORTH QUINCY
WOLLASTON
QUINCY CENTER
BRAINTREE
TO STOUGHTON
FRANKLIN
ATTLEBORO
RAPID TRANSIT LINES
COMMUTER RAIL LINES
RAPID
TRANSIT
LINES
NORTH

MBTA Bus Routes in Cambridge
To Arlington & Lowell
To Arlington Ctr
To Medford
To Lechmere & Kendall
To Spring Hill
To Clarendon Hill & Arlington Ctr
To Boston
To Dudley St
To City Hospital via Fenway
To Allston Watertown & Waltham
To Allston
To Arlmont
To Belmont Ctr
To Belmont
To Waverly
To Watertown Sq
LECHMERE SQ
KENDALL SQ
CENTRAL SQ
HARVARD SQ
PORTER SQ
MIT
Charles River
Fresh Pond
Concord Turnpike
Mass Av
Cambridge St
Broadway
Prospect
Windsor
Columbia
Hampshire
Webster
Concord
Springfield
Beacon St
Somerville Av
Elm St
Dover
Day
Sherman St
Rindge Av
Alewife Br Pkwy
Concord Av
Huron Av
Aberdeen
Mt Auburn St
Memorial Dr
Western Av
River
Putnam
Pearl
Magazine
Granite
Brookline
Green
Term
Terminal
Complete Ⓣ System Route Map available at:
• Park Sq. Station — Information Booth
• Ⓣ Customer Service Center — 145 Dartmouth St. Boston, MA. 02116
LEGEND
Bus Route
Rapid Transit Route
Ⓣ Rapid Transit Stop

The T has been in a state of transition recently. Some services have been cut and others change frequently. Construction in Harvard Square (and other areas) seems to be endless but should start showing results soon. Despite its faults, the T is still the best means of transportation in Boston.

The MBTA system is built around its subway system. Most bus lines begin at subway stations. Most of the major bus routes in Cambridge radiate from either Harvard or Central stations on the Red Line. For details of subway system routes see the Rapid Transit map on the next page. For bus routes in Cambridge, see the page after that.

Complete system maps, showing all bus and subway routes, and bus schedules are available from many bookstores. Call the MBTA information line for the location nearest you. The MBTA information number is 722-3200 from 7 am to 6 pm on Monday to Fridays. On nights and weekends dial 722-5000.

The T is also an inexpensive way to get to the airport, provided you don't have much to carry. From MIT, take either the Red Line to Park Street or the #1 Dudley bus to Auditorium (or walk across the Harvard Bridge). Once on the Green Line, take it to Government Center. Transfer to the Blue Line and get off at the Airport stop. A Massport bus (25¢) takes you to your terminal. Leave early during rush hour as things tend to get very hectic. Even so, it is probably the fastest way during rush hour since cars slow to a crawl through the airport tunnel.

Commuter intermediate-distance rail service to points north and west of Boston is available at North Station (227-5070, 1-800-392-6099). Lines to the south and west of Boston originate at South Station (482-4400, 1-800-882-1220). The MBTA rapid transit lines make stops at both of these stations. (See the subway map.)

Most lines do not run after 1am (10pm on Sunday), and many stop earlier. Schedules late at night tend to be erratic; there may be cutbacks in runs, the driver may not feel like stopping; things are generally bad. Be careful when riding late at night, or you may be left stranded. MBTA service usually starts between 5am and 6am.

Fares

The basic fare is 50¢ on bus "feeder lines" (most routes) and 60¢ on rapid transit lines (including subways). The Green Line is 75¢ inbound above ground but free outbound above ground except on the D-Riverside Line.

Previously there have been extra charges on the Red Line from North Quincy Center and more for the Braintree and Quincy Adams stations. There are also additional charges to/from the Malden and Oak Grove stations on the Orange Line. Some above ground routes on the Green Line also cost more. Trolleys and buses accept only exact change. Most subway stops have a booth for making change and/or selling tokens, but don't count on them late at night. Kendall outbound is often unmanned after rush hour and sometimes locked up; you will have to go to the inbound side to get a token.

Monthly passes for unlimited MBTA rides are available to the MIT Community the last five business days of the month at the Cashier's Office (10-180). The passes vary in price and services offered: the Cashier's Office has up-to-date information available. They can also be bought at Charlesbank Trust and Freedom Federal Savings in Cambridge and other banks around Boston.

Connections at MIT

The line most often used by MIT people is the Harvard-Dudley bus (MBTA Bus #1), which stops at several rapid transit stations as it threads its way on Mass. Ave. through Cambridge and Boston. The buses are said to travel in packs: three at a time and then none for an hour. Allow extra time in case you have to wait. The bus starts at Harvard Square (Red Line), runs along Mass. Ave. through Central Square (Red), and passes the MIT Building 7 entrance. From MIT it takes a circuitous route into Boston via the BU Bridge. The Harvard Bridge is closed to trucks and busses due to *structural defects* (So that's why they call it the Harvard Bridge!). The bus then continues along Mass. Ave. from the base of the Harvard Bridge. It stops at Auditorium (Green), Symphony (Green), and Northampton (Orange). Finally, there is a short leg south on Washington Street to Dudley (Orange), where the bus turns around for the return trip. Alternatively, if you're on the eastern part of the MIT campus, the Kendall Square station of the Red Line is only a short walk away. In addition, the Central Square Red Line station is a short walk up Mass. Ave.

A word of warning if you commute into or out of Harvard Square: due to the extension of the Red Line to Alewife, including construction of a new MBTA station in Harvard Square, the area is one big mess. There are two temporary subway stations, Harvard/Holyoke on Mass. Ave. and Harvard/Brattle near the Kennedy School of Government. Buses stop at Harvard/Brattle, outside Harvard Yard along Mass. Ave., and/or at the Cambridge Common. There is a map of the major bus stops just inside **The Coop**'s entrance. If **The Coop** is closed, look for signs or ask the bus drivers. (They can sometimes be helpful.)

It seems to make an auto driver mad if he misses you.

— Kim Hubbard

This song, in a version recorded by The Kingston Trio, was a popular hit in the late 1950's.

Let me tell you the story of a man named Charlie
On that tragic and fateful day.
He put ten cents in his pocket, kissed his wife and family,
And went to ride on the MTA.

CHORUS:

Well, did he ever return?
No, he never returned
And his fate is still unlearned.
He may ride forever 'neath the streets of Boston,
He's the man who never returned.

Charlie handed in his dime at the Kendall Square Station
And he changed for Jamaica Plain.
When he got there the conductor told him, "One more nickel!"
Charlie couldn't get off that train.

CHORUS

Charlie's wife goes down to the Scollay Square Station
Every day at a quarter past two.
And through the open window she hands Charlie a sandwich
As the train comes rumbling through.

Chorus

Well, all you citizens of Boston, don't you think it's a scandal
How the people have to pay and pay?
Fight the fare increase, vote for George O'Brien
Get poor Charlie off the MTA!

Chorus

Note: George O'Brien used this as a campaign song in his bid for mayor. (He lost the election miserably.)

Taxis

Taxis can be convenient since they avoid many of the usual problems associated with cars. However, they are expensive (at least 90¢ for the first mile, 20¢ per 1/5 mile, plus $10 per hour) and are least available when you need them most. During rush hour they tend to be quite hard to find and will sometimes take a half hour to answer a call. Just before a holiday or during bad weather they are almost impossible to find quickly; if you want a cab at such times you should call not less than an hour beforehand. The **Ambassador Brattle Taxi Co.** can be reached at 492-1100. During peak times, try a taxi company from an outside phone (phone numbers in Yellow Pages). They tend to respond quicker to non-students. Taxis can often be found in front of 77 Mass. Ave., near the Kendall Square T-stop, and (almost always) outside the Hyatt-Regency (right next door to Next House).

Cab drivers are generally talkative, opinionated, and nonviolent if you tip them 10-15%.

Bicycles

A two-wheeler can be a good answer to traffic and parking problems — if the thought of facing Boston drivers doesn't scare you off. Cyclists are legally expected to obey all traffic laws (although many don't, angering drivers, especially cabbies, to no end and making for general mayhem on the streets). Although enforcement for bicycles is almost nonexistent, obeying the law is always your best bet.

Keeping Your Bike

Theft is a tremendous problem. Both Boston and Cambridge are so well supplied with bicycle thieves that the chance of leaving even a cruddy bicycle unlocked overnight and finding it the next day are miniscule. Things are somewhat better during the day, but not much.

The only two bike locks which stand much of a chance of saving your bike are the **Citadel** and the **Kryptonite.** Both are available at the **Bicycle Workshop** and the **Bicycle Exchange** and come with insurance. *Lechmere* sometimes carries them for a lower price. Boston thieves, however, frequently take wheels, seats, and anything else not locked on.

There are indoor or covered bicycle parking areas located in the breezeway under Building 39, in the basement of Buildings 3 and 13, and in most of the dormitories. The area in Building 13 has a card-key system. You can register for a card-key at Campus Police headquarters for $2.50. Other bicycle areas are located throughout the campus. But don't take it for granted that a high traffic area is safe: it probably isn't.

The wide variety of bicycle racks is the result of several experimental designs tried by Physical Plant, the Planning Office, and others. If you have any particular favorite or suggestions for new designs, Mr. Pickard at Physical Plant (x3-3940) would like to hear about them.

One place where bicycles should *never* be parked is on the handrails of the steps of the Hermann Building (E53) (or any other handrails). There have been several accidents involving blind people falling over bicycles left there, and Physical Plant has been known to cut chains and remove bicycles from improper locations. They have no objections to the use of light poles, no-parking signs, or trees as long as safety hazards are not created. In addition, *never* park your bike on any wheelchair ramp, including the ramps in front of **The Coop!**

Buying and Registering Your Wheels

Bicycles and accessories can be purchased from several stores in the area; check the Yellow Pages. The **Bicycle Exchange** (3 Bow St., Cambridge, near Harvard Sq. 864-1300) has the largest selection and somewhat reasonable prices. Other stores include **Cambridge Cycle Mart, Lifecycle, The Bicycle Revival, Bicycle Workshop, Herson Cycle, Brookline Sales and Service,** and the **Ski Market.** Shop around before you buy and make sure you don't get rooked on the accessories. **Hint:** Buy a lock and chain first, so that you have a means of keeping your brand new bike.

The Bicycle Repair Collective (351 Broadway, Cambridge, 868-3392), a political collective, is claimed to be good for parts and repairs at non-ripoff prices. Good advice on repairing your bike and tools to do it with are also available.

Bicycles should be registered with the Campus Police and with the Cambridge Police in Central Square (5 Western Ave.). It costs 25¢ but helps them recover your bike if it is stolen. Be sure to record your bike's serial number since that is the only way to positively identify it. Also, Cambridge police will not look for your cycle if you can't give them a serial number.

It is advisable to put a full set of reflectors on your bike along with a headlight (they're required by law) and to wear a safety helmet (how much is your head worth?). Extra precautions, including proper reflectors and lights, should be taken when you ride at night.

SKATE
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THE BICYCLE WORKSHOP



OF CAMBRIDGE

exclusive
dealer for
SHOGUN

parts
locks
accessories

one of the
largest
PEUGEOT
dealers in
Boston area

one day service on all makes
used bikes 876-6555 trade-ins on new bikes
259 MASS. AVE., CAMBRIDGE (NEAR M.I.T.)

The Boston Area Bicycle Coalition (Cambridge, 491-7433) works on legislation to help commuting cyclists. Among other things, they help new commuting cyclists with a bike-buddy service and with workshops. Call their number for information on their services, such as discounts at local bicycle stores and tours.

The **Charles River Wheelmen** (131 Mount Auburn St., Cambridge) organize frequent bike trips and sports events. See Prof. David Wilson (3-447, x3-5121) if you are interested in the more esoteric aspects of cycling such as researching bike dynamics or developing new bike routes.

Some dormitories have bike repair facilities. Generally these are for the use of dormitory residents only.

If you are traveling on Amtrak, you can bring your bike for about $4 if you remove any batteries and turn down the handlebars, reverse the handles and box it. Be sure to show up at the station a half hour early and try to be on hand when the bike is loaded and unloaded. Make sure there are baggage rooms at the stations at both ends of the trip and avoid the Turbotrain and Metroliner which have no baggage cars.

Most major airlines will provide boxes for shipping bicycles. They charge a set fee for shipping anywhere in the US.

Mopeds

Mopeds are obtainable at **Moped City** (491-5375) in Harvard Square. The only requirement is that you have an automobile driver's license and agree to drive the moped at no more than 25 miles per hour. Otherwise treat them like a bicycle. Get a Kryptonite moped lock so you can keep your moped. A moped cost is approximately $600-$900.

Motorcycles

Motorcycles must be registered with Campus Police. Out-of-state cycles must be registered with the local police also. Check with Campus Police (x3-2997) for details. State law requires that you have a certain minimum amount of insurance and proper headgear for both driver and passenger. There are several motorcycle organizations in the area. Check with other owners or dealers. Wear a helmet!

Automobiles

A car can be a great advantage, but driving in Boston involves a large set of aggravations (including Boston drivers). In addition, registration, insurance, maintenance, and gas can get pretty expensive. There is a good chance you can get by without a car in Boston and save a lot of money and aggravation. However, parking problems notwithstanding, a car is normally the best means of transportation for people living far from MIT.

Parking

Parking is a problem, but it's not too bad if you don't mind walking long distances and feeding meters. Meter maids patrol during the daytime, so if you neglect to pay up you're very likely to get tagged. Car thieves are as prevalent as bicycle thieves,

so keep your car locked and put tempting articles out of sight, preferably in the trunk. There are many garages in the theatre and shopping districts, but they fill early and cost a lot, especially in the evening; go early or take the T.

MIT parking is very tight. Faculty and some staff members can get stickers for the lots and garages from their departmental headquarters. (Trading stickers is permitted; check the ads in *Tech Talk*.) Some people park in the street, frequently blocking firelanes, pedestrian access, and each other. To get a street space reasonably close to the main buildings you should plan to arrive around 7am. Parking is banned, however, on Memorial Drive from 7-10am. You might be able to find a space if you arrive close to 10am. Otherwise, start looking for a space about ½ mile away. After 5pm on weekdays and on weekends, the MIT lots are generally open to all. However, be wary of the parking garages at night. They are high-risk areas for theft and assault.

Dormitories have small parking lots available to residents; check at the desk. Stickers are usually issued at the beginning of each term. The Dean's office (7-133) has some stickers they will give out if you can show good cause. Campus Police (x3-7276 has information on good places to park around the Institute and can issue temporary or guest parking permits.

During the winter, snow removal is slow and inefficient, especially on the weekends; side strets often don't get plowed. There are also emergency parking bans on many major streets during snow storms. If you park in the street, be sure you are familiar with the regulations which apply to that location.

If your car is parked in Cambridge, make sure that you will know if any official "snow emergency" is declared. At such times all parked cars must be removed from Memorial Drive and other locations marked by a red-and-white "Snow Emergency" sign. You can use the Westgate West parking lot overnight, but you must move your car in the morning. The 24-hour Cambridge parking ordinance is enforced during snow because it is easy to determine how long you have been parked.

Radio stations WEEI, WCAS, WBZ, WHDH, WRKO, and WCAP will broadcast announcements of emergencies. (See **Radio** in **Media**.) Also, you can call the appropriate municipal Departments of Traffic and parking. In Cambridge the number is 498-9042.

If you live in an apartment, your landlord may provide off-street parking. If he promises to provide it, be sure it says so in your lease. You may be able to rent garage space nearby. (Rates run around $25 a month.) Otherwise, you'll have to park in the street if it is legal. (In Brookline it is forbidden to park in the street overnight, so make sure you get a parking space.)

Beacon Street is the only street in the country on which you have to back in to double-park.

Parking on certain Cambridge Streets is banned from 7am-10am due to Environmental Protection Agency regulations. However, cars with resident parking stickers are allowed to park on streets within one half mile of their owner's residence. Stickers are available only for cars with Massachusetts plates and cost $3. They are available at Cambridge City Hall Annex (57 Inman Street).

"You're driving like a maniac."
"This is Boston. Everyone drives like a maniac."

— E. Segal

Traffic

Boston traffic is heavy even during non-rush hours. During rush hours (7-9am, 3:30-7pm) and especially on Friday it becomes ridiculous. As you become familiar with the area, you should notice and use shortcuts and circuitous routes which will avoid the major jam-up areas. Example: Bay State Road is a good way to bypass Kenmore Square if you're going west from Beacon Street onto Commonwealth Ave.

WBZ (1030 AM) has regular traffic reports from a helicopter, and WHDH (850 AM) uses a plane for its Skyway Patrol. WEZE (1260 AM), WRKO (680 AM), WEEI (590 AM), WROR (98.5 FM), and others also report on traffic. All can be invaluable to someone with little knowledge of the area and a car radio.

There are some toll roads in and around Boston. Some examples are the Callahan/Sumner Tunnels (from/to the airport), the Tobin Bridge (to Revere), and the Masspike (Interstate 90). One-way tolls were recently introduced on the tunnels and the Tobin Bridge. Tolls are 60 and 50 cents, respectively. Tolls for the Masspike are assessed according to the number of miles you travel.

Many intersections which *should* have stoplights do not. Some of those that do also have pedestrian-operated lights, but watch out for pedestrians who blithely cross against the light and expect you to come to a screeching halt. The area is full of them. (MIT students are among them, as pedestrian behavior at 77 Mass. Ave. illustrates.) Watch also for pedestrians crossing at any random point, which happens most frequently around a college (such as MIT), but is pandemic.

Boston drivers are unbelievably bad, even for a large American city. On any given day you can see the entire repertoire of wrong turns, U-turns, nerve-wracking lane changes, light crashing, weaving, speeding (too fast or too slow), plus some new tricks, such as charging up the left side of the street at 60 mph in order to be able to make a left turn against oncoming traffic before the light goes red. The traffic pattern at red lights is that people keeping zipping through 1½ seconds after the light turns red but don't move when it turns green for about the same time (which balances things). Massachusetts has one of the lowest fatality rates in the country but may be #1 in "fender-benders."

Buying A Car

New Cars: Take time to shop around and be prepared to bargain with the salesman; his first price usually isn't the best he can offer. Prices tend to be up to 30% lower in the suburbs. It is possible to buy a car and have it registered in your home state (if you're not from Massachusetts), thereby saving the sales tax (5%) and excise tax (2.5%). This may affect insurance rates, which are discussed later.

Used Cars: Be doubly careful. Used car dealers are generally disreputable and overpriced; national dealers are not much more reputable than local dealers. Instead of buying from a dealer, check *Tech Talk,* the *Phoenix,* and the *Globe* for potential sellers. (Buying from a stranger is risky, but not so much so as purchasing from an experienced salesman.) If you *do* buy from a dealer, first consult the Better Business Bureau.

Maintaining a Car

Car maintenance can be a problem, Many garages are shady if not outright dishonest. Find a reputable garage and stick with it; ask someone who has been around for a while. There are several tire companies in the Cambridge area that sell tires at large discounts; watch for ads in the MIT newspapers. **Good News Garage** (46 Landsdowne St., Cambridge, 354-5383) offers auto repair courses and will rent its facilities for do-it-yourself repairs.

There are many car washes in the Boston-Cambridge area. **Allston Car Wash** (434 Cambridge St., Brighton, 254-3200), **Lechmere Auto Wash Centers** (262 Msgr O'Brien Hwy. Lechmere Sq., Cambridge, 864-3667; 2013 Mass. Ave. Porter Sq., Cambridge, 547-1368), and **ScrubaDub** (239 Stuart St., Boston, 482-5457) are the closest. Services vary from do-it-your-self to auto-wash, wax, polish, vacuum and shampoo (carpet), and engine washing. Prices vary with the amount of services you want.

Keeping a Car

Keeping your car is also a problem, since thieves abound. Boston has the highest auto theft rate in the country. Even daylight thefts are amazingly frequent; professionals can steal a car in less than five minutes. Try installing an alarm, especially if your car is new or otherwise desirable. However, be attentive to locking your car properly when you have one; car thieves listen for an alarm that indicates that the driver has left his door open. Try to park your car in a well-lit and conspicuous spot where an alarm buzzer will attract somebody's attention. Also, steering, clutch, or ignition locks will slow down (but not stop) a thief. Contact Campus Police for more advice. They have available a list of anti-theft devices with an evaluation of each one.

Insurance

Massachusetts auto insurance seems to be in a state of constant flux. However, one thing that remains constant is the cost; it is among the highest in the nation. Insurance has changed somewhat over the past years. It has fluctuated between the "fault" and the "no-fault" systems. Your best bet for getting accurate information is to contact an insurance broker or an insurance company. Campus Police may also be of some help.

If you are insured in another state, you must have the equivalent of the minimum insurance required by Massachusetts state law. In addition, at the beginning of the new year when you renew your policy, you must inform your insurance company that your car is now principally garaged in Massachusetts. This will result in your having to pay Massachusetts insurance rates (the highest in the nation). Please note that you should give your company the name of the city you are actually living in as rates vary by city (Boston being the highest and Cambridge one of the next highest). While you might be tempted not to report to your insurance company that your car is in Massachusetts, *you would be running a serious risk*. The company would not normally catch you, but if you get into a collision, they could easily find out in the process of the investigation and refuse to pay you anything at all. Thus, you may effectively have no insurance coverage at all.

Buying Insurance

If you were insured in another state, you will save money (cancellation fees and the like) by insuring with the same company in Massachusetts if they have agents here. Likewise, you will do well to insure with a nationwide company if you are not a permanent Massachusetts resident. Check around with a few agents and see what they have to offer, for auto rates in Massachusetts are fixed by law.

Registering Your Car at MIT

All student-owned cars must be registered with the Campus Police annually. In addition, out-of-state cars must be registered with local police. You can do this in the Armory on Registration Day or anytime at the Campus Police Office at 120 Mass. Ave. (W31-215). The information sheet **MIT Motor Vehicle Regulations** gives information about motor vehicles and MIT.

Registering Your Car with the State

Massachusetts Registration: In order to register a car in Massachusetts you must have the required minimum insurance and pay an excise tax of 2.5% based on the value of the car. Also, cars registered in Massachusetts must pass an annual auto inspection which also includes an emissions test (as of April 1, 1983). Tests can be done at most service stations that have repair facilities. Emissions tests generally run by numbers on your license plate. Inspections generally run on a monthly basis.

Out-of-State Registration: Rules vary depending on which state you are from, but the following generally applies:

If you are from outside Massachusetts you will probably do well to keep your out-of-state registration. According to state law you must register your car within thirty days of becoming "gainfully employed" here. (Graduate students receiving a stipend or having a fellowship or assistantship may fall under this category.) Otherwise, you are probably able to keep your registration, provided you don't become a legal resident of Massachusetts. (Registering to vote or getting married may affect your status.) In any of these cases check with Campus Police or the Registry of Motor Vehicles.

Questions about Massachusetts vehicle laws and regulations concerning out-of-state cars (including insurance) may be addressed to the Campus Patrol (x3-1212).

Note: A useful information sheet is included in your registration material each term.

Foreign Drivers

Drivers from a number of countries may drive for one year in the US on an international license, which can be obtained in the home country. The end of the year is designated as the earlier of (1) the end of the academic year or (2) one calendar year from the date of entry into the US. For full details call the International Student Office (x3-3795), Campus Police (x3-1212), or the Registry of Motor Vehicles.

Drivers Licenses

In order to get a license to kill in Massachusetts one has to go to the Registry of Motor Vehicles (North Station). If you don't already have an out-of-state license you have to take both the written test and the driving test. Otherwise, you just take the written test. After a $35.00 fee in both cases you have a genuine Mass. license.

Carpools

You can reduce pollution, save on gas and other expenses, and perhaps make some friends if you join or organize a commuter carpool. The classified ads in *Tech Talk* and the Planning Office (x3-5831) are handy for locating rides/riders.

Renting a Car

Most companies require a major credit card and won't rent to anyone under 21 (25 at airport locations), but several nearby agencies will rent on a cash basis to students 18 and over with an MIT ID. All require a valid driver's license.

Shop around for the best deal since rates vary considerably. Which agency can offer the lowest price depends in part on when and where you're travelling, how long you'll

Ajax RENT A CAR

A SMART IDEA . . .

- Low Daily, Weekly, and Weekend Rates
- No Mileage Charge throughout New England
- Overnight Specials Available

East Boston
161 Orleans St.
569-3550

Boston
57 Park Plaza
200 Stuart St.
542-4196

Cambridge
Central Square
424 Mass. Ave.
497-4848

Agency	Rates*	Insurance**	Restrictions
Ajax 497-4848 424 Mass Ave. Camb	weekend: $20/day mid-week: $25/day overnight special: $8.95/day. 100 free mi, 20¢/mi	$6.00/day to waive $500 deductible	Must be 21 Cash rentals with MIT ID and $75 minimum deposit if fill out paper work in advance Travel limited to within NE, higher rates to NY
Dollar 354-6410 1651 Mass Ave. Camb	weekend: $21.95/day mid-week: $37.95/day	$5.50/day to waive $750 deductible	18 with MIT ID Cash rental with MIT ID. $75 minimum deposit. and 24 hr. advance notice Travel limited to within NE
Minicost 354-1160 25 River St. Camb	$24.95/day	$5.50/day to waive $500 deductible $5.00/day plus $500 deductible if 18-21	18 with MIT ID Cash rental with MIT ID and $70 minimum cash deposit Travel restricted to NE and NY
National 661-8747 1663 Mass Ave, Camb	Thurs noon-Mon noon: $22.95/day mid-week: $49/day	$6.00/day to waive $600 deductible	18 with MIT ID Cash rental with MIT ID and cash deposit if fill out qualification card 2 days in advance
Thrifty 492-3000 905 Main St, Camb	Fri-Mon: $62 total mid-week: $24.95/day, $21.95 for students	$6.00/day to waive $500 deductible	18 with MIT ID Cash rentals with MIT ID, 24 hr advance notice, and $25/day deposit

*Rates were checked in May 1983, but they tend to change frequently and vary seasonally. Rates printed are for mid-size cars like Chevy Citations or Chrysler K-cars.

Sub-compacts are usually less expensive, though not necessarily on weekend specials. All rates include unlimited free mileage unless otherwise noted.

**Waiver of collision insurance deductible is mandatory for cash transactions.

be gone, and how many miles you'll be driving. Some offer week-long, weekend, or overnight rates, some have unlimited free mileage, and some restrict travel to within New England. For a short trip, a cheap "rent-a-wreck" from a small, local firm may be all you need, while you may want to rent from a reputable national agency for a long journey. With a national company, you can leave the car at a distant point although usually this is prohibitively expensive. In general, the places closest to MIT (including branches of national agencies) have the lowest rates, airport locations the highest, with Hertz and Avis the most exorbitant. The agencies listed in the following chart all have competitive rates, are convenient to MIT, and will accept cash with an MIT ID. If none of these is what you want, there are more than a dozen pages of rental listings in the **Yellow Pages.**

Before you sign any rental agreement, **read it** thoroughly. Check who else is authorized to drive the car and make sure the odometer reading written down is correct and that any damage to the body of the car has been noted. People have rented cars with malfunctioning heaters, burned out lights, flat spare tires, and no jack, even from well known national agencies — so take the time to look over the car carefully. Don't be intimidated by an impatient sales person; you're the one who will be driving and be responsible for this many-thousand-dollar metal heap.

BRODIE AUTO RENTALS

BRODIE AUTO RENTALS

- We feature stick shift cars
- Gasoline furnished with most rentals
- We rent to MIT students 18 years of age
- Call for our low overnight and weekend rates

Kendall Square Office: 5 Cambridge Center 876-7600
(next to Legal Seafoods)
Harvard Square Office: 491-7600

Long Distance Travel

Railroads

Trains provide a reasonably comfortable way to travel. They have enforced smoking regulations (smoking and non-smoking cars), plenty of leg room, space to walk, and snack service. Amtrak operates trains out of Boston to New York, Washington and points south, and to Albany, Detroit, Chicago and points west. Connections are available to the entire US from Chicago and New York.

Prices are competitive with buses. Trains to the South tend to be as fast or faster than buses; to the West, the trains are slower than horses. Scheduled travel time to New York is about 5 hours although they tend to run late, particularly during holidays.

Amtrak trains leave Boston from South Station (MBTA Red Line) and from Back Bay Station, 145 Dartmouth St., behind the John Hancock Tower in Copley Square (MBTA Green Line). During holiday seasons trains can be standing room only, and it is always easier to find a good seat at South Station than at Back Bay. The Back Bay station is temporarily closed at this time for MBTA renovation. For information call Amtrak (1-800-523-5720) or South Station (482-3660). Schedules change every 2 or 3 months.

I never travel without my diary. One should always have something sensational to read on the train.

— Oscar Fingan O'Flahertie Wills Wilde

Buses

There are only two bus terminals in Boston: **Continental Trailways** (Atlantic and Summer Sts., Boston, 482-6620; MBTA: South Station) and **Greyhound** (10 St. James Ave., Boston, 423-5810; MBTA: Arlington). All other bus lines use one of these two terminals. If you don't know which company you want, call Greyhound or Trailways and tell them where you want to go; they will explain which company serves your destination. Then call the company — there may only be one small line serving a particular locality. Bus lines will take you almost anywhere on the continent, and they are the cheapest form of transportation on most routes. Don't give up trying to call Greyhound. You may think that they forgot you when they put you on hold, but generally someone will answer if you wait fifteen minutes or so. If you are calling about service to New York City then it is probably easier to call 342-2380 which is recorded information.

Airlines

Logan Airport (Massachusetts Port Authority, 567-5400) is the eighth busiest airport in the world, handling commercial flights to everywhere in the US and many foreign cities. Travel time to Logan runs about an hour by MBTA (though it can be less) or half an hour to two hours by cab, depending on traffic conditions. Avoid the rush hour if possible. People who intend to make a reservation for a "supersaver" flight for Christmas should start in October. Summer is easier. You can call the airlines day or night for reservations and information.

With the advent of airline deregulation, fares are changing daily. It definitely pays to let your fingers do the walking. (Toll-free numbers are listed below.) The best bets for discount fares are **PeoplExpress, Republic, Piedmont,** and **Midway** although their busy lines require patience. **PeoplExpress** especially is incredibly cheap, but book very early.

If you are going to New York or Washington, flying may be cheaper than you could imagine. **Eastern**'s Air Shuttle departs hourly for NY, no reservations required. You may buy your ticket on the plane. Newcomers **New York Air** and **PeoplExpress** have created a tremendous price war in this market: at press time **PeoplExpress** was flying Boston-Newark for $27 every night! **Capitol** offers no restrictions for slightly higher fares.

As of Summer 1983, **PeoplExpress** opened a London route. Watch for price wars in the overseas market. Check the travel section of the Sunday Boston Globe for low fare advertisements. Be careful of any restrictions which may apply.

Note: If you are flying a long distance and have to make a connection in New York City, make sure that you go to the airport that has the desired flight. Unlike other cities, New York has three separate airports which are quite far apart, and it is very expensive to get from one to another.

Local Airline Toll-free Numbers

The following is a list of local toll-free (1-800) airline reservation and information numbers:

Air Canada	223-6161	New York Air	221-9300
Air Florida	327-2971	NorthWest Orient	225-2525
Allegheny Commuter	428-4253	Ozark	447-4427
American	433-7300	Pan American	223-5160
Capitol	227-4865	Piedmont	251-5720
Continental	525-0280	Republic	441-1414
Delta	962-3500	TWA	221-2000
Eastern	732-3860	United	241-6522
Empire	448-4104	USAir	428-4322
Midway	621-5700	Western	227-6105
		World	772-2600

PeoplExpress does not have an 800 number. Their Boston number is 523-0820. Other toll free numbers may be obtained by dialing 1-800-555-1212 (the toll-free directory-assistance number.)

A major cause of traffic accidents in Boston is two cars trying to hit the same pedestrian.
— Anonymous

Automobiles

If you own a car, driving can be the most convenient way to get where you're going. However, if you are traveling alone, driving can be extremely expensive and tiresome. Riders and drivers can find each other through the APO ride board opposite 7-133. Want ads in *Tech Talk* and *The Boston Phoenix* also work.

If you don't own a car and can't get a ride with someone else, renting a car may be the least expensive, most convenient option. See **Renting a Car** earlier in the chapter.

One way to get a car for a long distance trip is to call one of the auto delivery services listed in the Yellow Pages under Automobile Transporters. They have cars that need to be taken to many parts of the country, and they will pay some expenses.

Travel Services and Agents

There is no official group at the Institute that arranges charter or group flights for students traveling during vacations. The **MIT Quarter Century Club** (x3-7914), serving the entire MIT community, offers charter tours to faraway places. However, the trips generally last only a week. The cost includes not only air fare but also hotel accommodations and often some meals, sightseeing trips, or other extras. Of course, there is a plethora of outside agencies offering wonderful bargains, but not all these firms are reputable. You should check with the Better Business Bureau if there is even any question. Often you can save some money by checking with the airlines or a reputable travel agency for information on night travel and special excursion fares.

There are two travel agencies that serve the MIT community:

Heritage Travel (x3-7961) The Kendall Square office is convenient but does not accept phone orders from students, nor will they deliver to people not listed in the faculty/staff directory.

Raymond and Whitcomb (x3-4438). They are an easier agency for students to go through since they will accept phone orders and will deliver tickets to **TCA** for pickup at no extra cost.

You can order airline tickets directly through **Raymond and Whitcomb**'s or reserve them directly through the airlines on your own and then come to **TCA** to request delivery there. By picking up your ticket at **TCA** you can eliminate delays and hassles at the airport and can avoid making a special trip when a ticket must be picked up and paid for days in advance (e.g. for some special fares or during peak travel times).

Outside MIT:

Harvard Student Travel Association (8 Holyoke, Cambridge, 495-5230) They have a lot of international, especially European, travel information and trips. They can provide student passes and discounts, which need an International Student ID.

I used to use cliches all the time, but now I avoid them like the plague.

— Anonymous


THE AIR

Media

A closed mouth gathers no foot.

— Jack Mosinger

Radio

Boston is one of the largest radio markets in the country. The programming offered by the commercial stations is wider than what you'll find in most cities and features new music, rock, Top 40, and Muzak. Boston also has a large number of public network and college stations featuring no commercials and music not played by most commercial stations (jazz, classical, folk, etc.) WGBH is the local public outlet. Eight college stations are listed here, mostly at the low end of the FM dial. WMBR (MIT), WHRB (Harvard), WBUR (BU), and WERS (Emerson) are the most easily received on campus.

The MIT radio station, **WMBR** broadcasts on 88.1 FM to the entire Boston Area. Monthly schedules are sent out free upon request (x3-4000).

If Boston's stations don't satisfy you, or if you are homesick, you can listen to numerous out-of-town AM stations at night. Continuous news can be heard on WCBS (880kHz) and WINS (1010) from New York or WBBM (780) from Chicago. Top 40 booms in on WNBC (660) from New York and slightly less regularly on WLS(890) from Chicago. Excellent classical music programming is on WQXR (1560) in New York. Big band music can be heard on WNEW (1130) from New York. Numerous other clear channels around the US and Canada can be heard at night; most of the powerful stations are between 640 and 900kHz, 990 and 1220kHz, and 1500 and 1580kHz. Reception, however is irregular at best. Incidentally, WBZ-AM (Boston) can be heard in 38 states at night.

Selected AM Stations

In the following listing the format is

Call letters — (Frequency in kHz) (Affiliation/Location)
* — strong signal in Cambridge

***WEEI** — (590) (CBS/Boston) All news 5am-10pm; mystery, sports, and talk all night. No music.

***WRKO** — (680) (RKO General/Boston) All talk radio. Celtics, BC football.

WCAS — (740) (Cambridge) Gospel. Daytime only.

WHDH — (850) (Boston) Popular and top 40.

***WROL** — (950) (Boston) Christian programming, some popular. Daytime only.

***WBZ** — (1030) (Westinghouse/Boston) Popular music, talk shows. Patriots, Breakers.

***WILD** — (1090) (Boston) Soul music. Daytime only.

WHUE — (1150) (Boston) "Beautiful music."

WEZE — (1260) (ABC/Boston) Christian music and programs. BC Basketball. Notre Dame.

WJDA — (1300) (Quincy) Dentist-office music, daytime only.

WDLW — (1330) (Waltham) Country music.

WLYN — (1360) (ABC/Lynn) Ethnic programming, daytime only.

***WXKS** — (1430) (Medford) Big band, daytime only.

***WMRE** — (1510) (NBC/Boston) Big band and Bruins.

WNTN — (1550) (Newton) Soul, daytime only.

WUNR — (1600) (Brookline) Ethnic programs, soul (midnight-3am).

Musick and women I cannot but give way to, whatever my business is.

— Samuel Pepys

FM Stations

WBUR (90.9) interferes with reception in the BU area and on the west side of campus; WBCN (104.1) has its transmitter on top of the Prudential tower and can be found across the dial at times. Not all of the stations below can be found in the MIT area without at least a dipole antenna. The stronger stations are noted by (*). Station logos are included in the description when available.

Call letters — (Frequency in MHz; stereo and 24 hours a day unless noted otherwise; affiliation/location)

***WMBR** — (88.1; mono, 14; MIT/Cambridge) WMBR is Walker Memorial Basement Radio, staffed by students and non-MIT people. Their transmitter is atop Eastgate, the highest point in Cambridge. Music runs the gamut from new wave to rock to Indian music. Program guides are available at the station or by calling x3-4000 or dl 6731. Requests can be made at the dormline number or 494-8810. Dialing dl 150 will let you listen to the broadcast if you don't have a radio handy.

***WERS** — (88.9; mono, 20; Emerson College/Boston) Good jazz in afternoon, classical in evening, country, folk, some popular. Program guide available. 1000 watt transmitter.

***WGBH** — (89.7; Eastern Public Radio/Boston) Classical on mornings and weekends, jazz all night. Live music (BSO, Tanglewood concerts, and New England Conservatory) and good tapes (BBC, CBC, organ recitals). Poetry, literature, public affairs. Program guide available.

WZBC — (90.3; mono; Boston College/Newton) Country, folk, bluegrass, rock, modern, classical.

***WBUR** — (90.9; Boston U/Boston) Classical 9am through 10pm; jazz at other times with news at 4:30pm and 7am. Program guide available.

WMFO — (91.5; Tufts U/Medford) Wide variety of programming. Guide available.

WBRS — (91.7; mono; Brandeis U/Waltham) Soul, mellow rhythm and blues. Some rock jazz; varies quite a bit, though. No commercials. AP news.

WUMB — (91.9; Boston) Boston folk, acoustic music. Some talk radio, news, and weather.

WPRO — (92.3; Providence) Continuous music, largely made up of popular hits from the sixties and seventies.

WLYT — (92.5; Haverhill) Popular hits of recent years with few commercials. "You'll hear more of your favorite memories on Lyte FM." Formerly WHAV.

***WBOS** — (92.9; Brookline) Classical

WSNE — (93.3; Providence) Soft rock, oldies.

***WCGY** — (93.7; Lawrence) FM94 is "Blue Suede Radio" playing blues, mild rock, and oldies.

WHJY — (94.1; Providence) "WHJY — Rocking Southern New England." Breaks new music before most other stations. "Fresh tracks" program on Wednesday nights.

***WCOZ** — (94.5; Boston) "Boston's Station for the 80's" plays rock with some new wave. Considering dropping Dr. Demento, currently Sunday nights. "Party Out of Bounds" breaks new music Sunday from 12-2am.

WHOM — (94.9; Mt. Washington) Beautiful music.

***WHRB** — (95.3; 18-24; Harvard U/Cambridge) Jazz, classical, folk, rock; few commercials. Program guide available — call 495-4818. 3000 watt transmitter.

WZID — (95.7; Manchester-Concord-Nashua) Yet more beautiful music. "Easy listening, New Hampshire style."

WATD — (95.9) Folk music, town meetings.

WSRS — (96.1; Worcester) FM96 uses 25,000 watts to bring us still more beautiful music.

***WJIB** — (96.9; GE/Boston) 50,000 watts of beautiful music.

WOKQ — (95.7; Dover-Portsmouth) Country.

WCAV — (97.7; Brockton) More country.

WJBQ — (97.9; Portland) Hitmusic radio which goes by 98JBQ. Talkative DJs. Quite a few commercials.

WMYS — (98.1; New Bedford) FM98 plays softrock. :"More music, less talk."

***WROR** — (98.5; RKO/Boston) Musicradio format with a wider mix than WHTT. American Top 40 twice on Sundays. Oldies on Saturday night followed by Solid Gold. News and traffic only in the mornings. Countdown America on Wednesday night.

WCLZ — (98.9) Adult contemporary. Stays strictly mellow with no DJ voice over the start and end of music.

WPLM — (99.1) More beautiful music. Boston Bruins.

***WSSH** — (99.5; Lowell) Soft hits, 95% vocal.

WQRC — (99.9) Still more beautiful music.

WHUE — (100.7; Boston) 101FM brings you easy, relaxing, beautiful music.

WGIR — (101.1; Manchester) Rock. Too weak for stereo, but clear mono signal is possible.

WFNX — (101.7; *Boston Phoenix*/Lynn) Formerly WLYNY-102, *Phoenix* radio is now arts, entertainment, and lifestyle radio with 40 minutes of music each hour. The music is 25% new music, 40% recurrent hits, and 35% AOR. 8000 watt transmitter.

WPOR — (101.9; Portland) Country on FM102.

WCRB — (102.5; Waltham) BSO, Pops, and Tanglewood concerts Friday-Sunday evenings. "WCRB Saturday Night" comedy show weekly about 10:30pm, then jazz until morning. Few commercials 1-6am. Occasional simulcast with WGBH-TV.

WGAN — (102.9; Portland) Beautiful music. FM103 easy listening.

***WHTT** — (103.3; CBS/Boston) Formerly WEEI-FM; now Hitradio. At least 52 minutes of music each hour with DJs allowed no more than 12 seconds of talk at a time. Hourly jingle always followed with one of top seven songs on a playlist which includes the *Billboard* top forty and a selection of the next sixty hits on the chart.

***WBCN** — (104.1; Boston) Rock with DJ personalities including Duane Glasscock, the world's first DJ clone. News from the Associated Press Network.

WFNP — (104.5; Fitchburg) Softrock; N104.

WRBB — (104.9; Northeastern U/Boston) Progressive music. Formerly at 91.7 on the dial.

WPJB — (105.1; Providence) JB105 with "The greatest hits of all time".

***WVBF** — (105.7; Framingham) Adult contemporary.

WCOD — (106.1; Hyannis) Mellow vocals, some softrock.

***WMJX** — (106.7; Boston) Magic 106 plays softrock and adult contemporary.

WERX — (107.1) Musicradio, going by Z107.

WAAF — (107.3; Worcester) Rock.

***WXKS** — (107.9; Medford) Kiss-108. Plays contemporary hits leaning toward dance/disco beat.

I hate quotations. Tell me what you know.

— Ralph Waldo Emerson

Television

Television: A medium so called because so little of it is rare or well-done.

— Mrs. Deane Binder

Clear reception of all Boston VHF channels is very difficult to achieve on campus, thanks to ghosts bouncing off the Muddy Charles. If you're seeing double on the other networks, you can try one of the more distant stations listed below; they may be a little fuzzy but will be ghost-free. For the final solution, see Campus Television below.

TV Stations

Call letters — [Channel/Affiliation/Location]
* Available on MIT Cable.

WGBH — [2/PBS/Boston] Public TV. Films, documentaries, BSO concerts, experimental programs, public affairs. High quality programming, no commercials. Participates in TV-radio simulcasts with WCRB-FM. They produce much of the nationwide programming seen on other public stations.

***WBZ** — [4/NBC/Boston] Standard NBC fare. All night.

WCVB — [5/ABC/Boston] Standard ABC fare, some public interest programming. All night programming

WLNE — [6/CBS/New Beford MA] Standard CBS fare. All night, some Sox.

WNEV — [7/CBS/Boston] CBS plus a bit.

WMUR — [9/ABC/Manchester NH] Standard ABC fare, old movies.

WJAR — [10/NBC/Providence RI] Standard NBC fare.

WENH — [11/Durham NH] Public TV, New Hampshire style.

WPRI — [12/ABC/Providence RI] Standard ABC fare.

***WXNE** — [25/Boston] *Old* reruns, religious programs.

WSMW — [27/Worcester MA] Movies, reruns, old movies, Celtics. Scrambled pay TV at night.

***WSBK** — [38/Boston] Movies, reruns, sports, some CBS shows, Bruins, Red Sox. Independent Network News. 10pm nightly.

***WGBX** — [44/PBS/Boston] Education, medical, science reports, experimental programming, language instruction. Associated with WGBH. If you missed a program on Channel 2, try 44 — it may have the same thing a few days later.

***WLVI** — [56/Cambridge] Reruns, old movies. Creature Feature, Chiller Theater, and Sherlock Holmes movies every Saturday night. Star Trek.

WQTV — [68/Boston] Variety of syndicated programming.

They say TV really is still in its infancy, which explains why you have to get up so much to change it.

— Anonymous

Campus Television

Mit has a 26 channel cable with cable drops in some dormitories, lobbies 7 & 10, and various other locations. The control center is located in the basement of Building 9.

Student productions are aired on channels 8, 10 and 12. In the past they have included live and taped lectures, foreign and classic films, student projects, and rebroadcasts of commercial (usually news) programs. Earthshaking developments that the networks are carrying (space shuttle, assassinations) are routed to the lobby monitors.

MIT-TV also relays Boston commercial channels 24 hours a day. By purchasing a converter and connecting it to a cable outlet, you can receive all the MIT channels and perfect reception of all stations marked with an * above. The converter costs no more than an antenna rotor system.

Newspapers

Newspapers always excite curiosity. No one lays one down without a feeling of disappointment.

— Charles Lamb

The three daily Boston Newspapers are **The Boston Globe, The Boston Herald-American,** and **The Christian Science Monitor.** The **Globe** is a liberal, Democratic newspaper. It is a local paper trying to become a national one, but it has a great sports section, and the "Calendar" section (on Thursdays) has a fairly complete schedule of events and things to do around Boston.

The **Herald-American** is fond of banner headlines, and tends toward sensationalism. The **Christian Science Monitor** prints news and analysis, generally of high quality, and has the most intelligent editorials of the Boston dailies. It is aimed at a national audience and is weak on local news.

USA Today is a national newspaper full of pretty color pictures and charts but short on any real news.

The Boston Phoenix is a local example of the "alternative" press. It regularly publishes "muck-raking" articles about world, national, and local affairs. Review of entertainment products and programs, complete listings of the week's events, and some incredible classified ads are also featured. A free college market version, called **B.A.D.,** is distributed on the MIT campus in front of the Tech Coop on Tuesdays. It has excellent listings of events about Boston.

The **Cambridge Chronicle** and other smaller weekly publications are oriented toward local communities. There are some foreign language weeklies for minority groups in Boston.

Many living groups subscribe to out-of-town newspapers as well as locals. **The New York Times** and **The Wall Street Journal** are favored since they arrive on the issue date. **The Washington Post** arrives a day late. Out of Town News Agency in Harvard Square carries a wide selection of national and international newspapers.

Finally, several political groups have weekly papers which they are continuously hawking. These are often quite biased and polemical but make interesting reading and occasionally break stories before the regular newspapers do. They sometimes ask for a donation, occasionally in an intimidating manner. The best response is often to give the paper back.

When a dog bites a man, that is not news, because it happens so often. But if a man bites a dog, that is news.

— John D. Bogart

Agnomical — (ag-nom-i-kal)adj. — Purposeless, aimless, without fixed intention, with no set course, pertaining to the absense of any clear direction.

— Johnson O'Connor English Vocabulary Builder

On Campus

There are two student newspapers published at MIT. **The Tech** (W20-483, x3-1541) has news, sports, commentary, and arts reviews and is distributed on campus Tuesdays and Fridays during the school year. It celebrated a century of continuous news service in 1981. *The Tech Index,* a microform topic and person index of articles that have appeared in *The Tech,* is available, along with microforms of the newspaper, for use by the MIT community. Call *The Tech's* office for details. **Ergo** (W20-443, dl 9181) puts forth the objectivist philosophy and is distributed each Wednesday at MIT, BU, Tufts, and Harvard. Both these papers are given out free on campus and will accept letters, articles and advertising.

Tech Talk (5-111, x3-2701), the MIT house organ, is distributed free on campus every Wednesday. It includes a calendar of the week's events, a listing of seminars, feature articles, classified ads, and a listing of available MIT jobs. Ads are accepted from the entire MIT community. Articles of general interest are sometimes accepted.

The student literary magazine **Rune** comes out at varying intervals and is sold in the lobby of Building 10. The yearbook, **Technique** (W20-451, x3-2980), is published each spring. It costs less if you buy it in advance. **Tool & Die** is a "human" magazines published sporadically.

The writer is an engineer of the human soul.

— Stalin

Reporter: A writer who guesses his way to the truth and dispels it with a tempest of words.



Shopping

You can probably buy whatever you need here in Boston. However, Boston has the dubious distinction of having the *highest* cost of living in the continental United States. In addition, Massachusetts (Taxachusetts) hits you with a 5% sales tax on everything except clothing, textbooks, and unprepared food. Therein lie your troubles.

Shopping Districts

Classy, exotic, and trendy stores tend to cluster in Harvard Square, Boston's Back Bay (especially around Newbury St. and Commonwealth Ave.), and at Copley Place and Quincy Market. Lower-priced and more pedestrian merchandise can be found in Central Square and Coolidge Corner in Brookline.

The intersection of Winter and Washington Streets (MBTA Red Line to Washington or Green Line to Park) is at the center of Boston's shopping district. On one corner is Filene's, another Jordan Marsh, and on another The Corner (a collection of specialty and fast food shops jammed into the Gilchrist Building). The area is closed to cars.

Chinatown is found on Essex and Beech Streets, near the MBTA Essex subway station. The Italian North End is a large, exciting area across an expressway from the MBTA Haymarket station. Portuguese and Italian specialties and the best bargains in town are found in East Cambridge along the route of the #69 bus from Lechmere to Harvard Square.

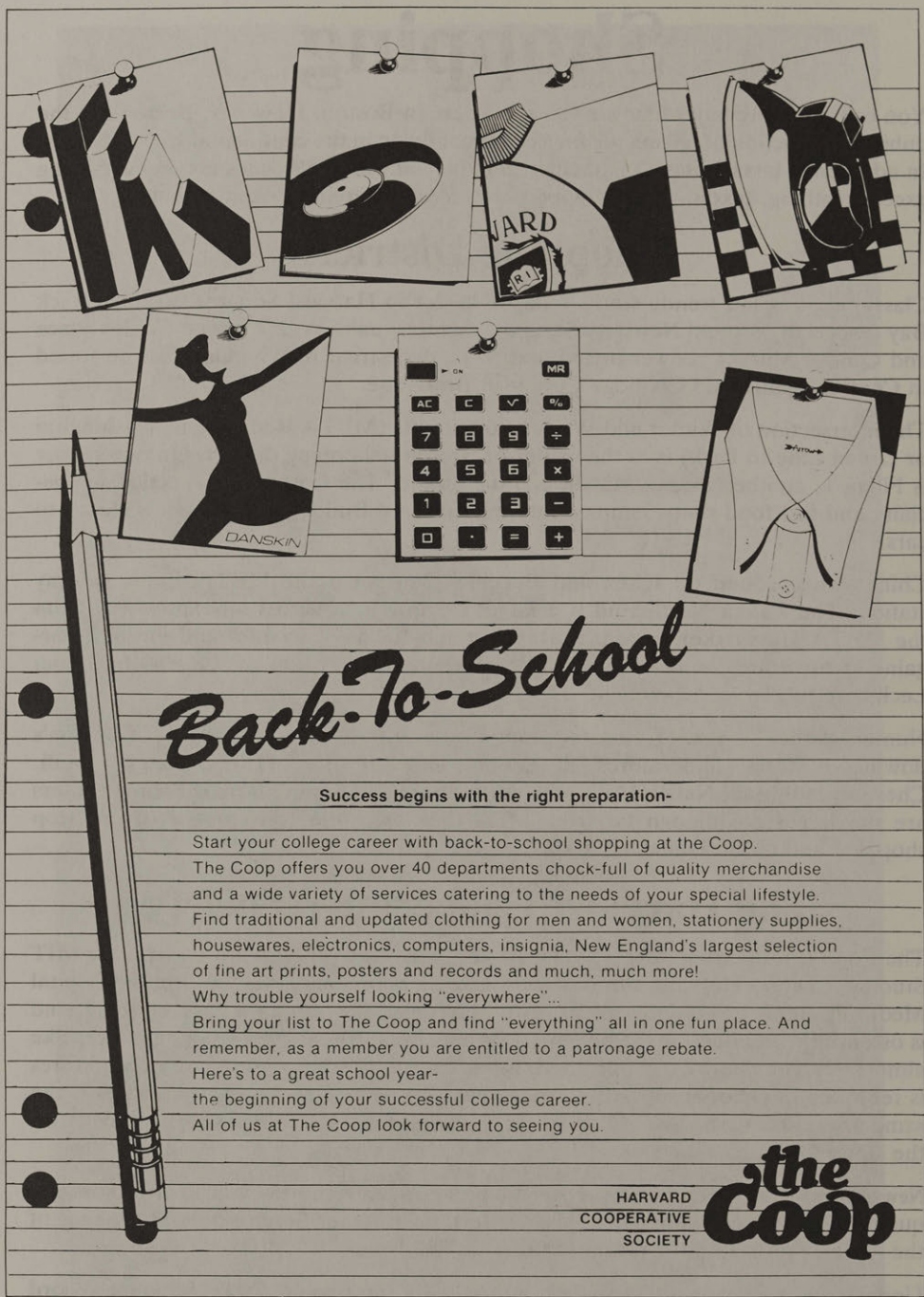
Numerous shopping centers located along Routes 9 and 128 offer branches of Boston's downtown stores, dime stores, drugstores, and gift shops. The Burlington Mall, Chestnut Hill Mall, Natick Mall, and North Shore and South Shore shopping centers are the largest. Although far from MIT, they offer the convenience of one-stop shopping and easily available parking.

The Harvard Cooperative Society

The Coop (pronounced "coop" as in chicken) has stores at Harvard Square, the MIT Student Center, Harvard Business and Law Schools, and the Children's Hospital Medical Center. It is a department store which specializes in books and clothing, and is ostensibly operated for the benefit of its members. If you are a Coop member (like almost everyone here), a percentage (9.4% last year) of your purchase expenditures is refunded in October of the following year. The rebate for charge purchases is the same as that for cash. **Note:** Cash is much quicker for small purchases and checks are the slowest for any purchase.

Newcomers: Coop membership costs $1 per year and entitles you to a rebate and qualifies you for charging privileges. Go to the Customer Service desk at the rear of the store to pick up an application form.

Under new management the Coop is gradually improving. More frequent record sales, groceries in the Lobby Shop, and lower-priced clothes were all introduced in response to student suggestions. Other innovations include weekly outdoor sales (in nice weather, Fridays at the MIT store, Saturdays at Harvard Square) and a larger poster department at the Harvard Square store.



Back-To-School

Success begins with the right preparation-

Start your college career with back-to-school shopping at the Coop.
The Coop offers you over 40 departments chock-full of quality merchandise and a wide variety of services catering to the needs of your special lifestyle.
Find traditional and updated clothing for men and women, stationery supplies, housewares, electronics, computers, insignia, New England's largest selection of fine art prints, posters and records and much, much more!
Why trouble yourself looking "everywhere"...
Bring your list to The Coop and find "everything" all in one fun place. And remember, as a member you are entitled to a patronage rebate.
Here's to a great school year-
the beginning of your successful college career.
All of us at The Coop look forward to seeing you.

HARVARD
COOPERATIVE
SOCIETY
the Coop

Department Stores

Many of Boston's department stores are located downtown on Washington St., in an area known as Downtown Crossing. The two largest are **Jordan Marsh** (450 Washington St., 357-3000) and **Filene's** (426 Washington St., 357-2978). Both stores are famous for their bargain basements. These are excellent places to buy clothing (see **Clothing**), towels, and curtains inexpensively. Check the Yellow Pages for suburban locations. The world's largest **Woolworth's** is also in Downtown Crossing (350 Washington St., 357-5353), as is **Sherman's** (11 Bromfield St., 482-9610), a "fine discount store" selling jewelry, calculators, large and small appliances, and luggage. They are very courteous and friendly.

Sears (1015 Mass. Ave., Cambridge near Porter Sq., 868-7050) is not as inexpensive as one might expect, and the usual Sears quality is there (Interpret as you wish). There is a catalogue warehouse store (201 Brookline Ave., Boston, 536-7350) which can save you money, but Sears is very tight-fisted with copies of its catalogue. There are also numerous Sears locations in the suburbs; check the phone directory.

Lechmere Sales (88 First St., Cambridge, 491-2000) is Boston's best discount store and often has good buys on housewares and small appliances. Take the MBTA Green Line to Lechmere, or walk (it's not far from campus).

Goodwill Industries (95 Berkeley St., Boston, 357-9710; other suburban branches) and the **Salvation Army Thrift Store** (718 Mass. Ave., Cambridge, 354-9519; other branches) sell used clothing and furniture.

Note: in general, large stores in downtown Boston are open late Monday and Wednesday evenings. Stores in Cambridge are open Thursday evenings. Lechmere Sales and Sears are open every evening. Most places are open 12-5 on Sundays, although smaller stores may be closed all day. Some stores are abherrant, so it's best to call for information on hours.

Appliances

You should normally get advice from a knowledgeable person or organization before making a major purchase. The *Buying Guide Issue* of *Consumer Reports* provides pretty good comparative test results on various items. The magazine is also useful, although it may be hard to find articles on the product you are buying. Both publications can be bought in the Coop or read in the Humanities Library.

Lechmere Sales in Cambridge offers across-the-board discounts on all sorts of items, and usually carries a large selection of well-known brands. Other good places are **Luggage Distributors** (333 Washington St., Boston), owned by Sherman's, **Commonwealth Builders Supply** (375 Boylston St., Brookline), and **Sears.** The **Jordan Marsh** warehouse has monthly sales. Watch the newspaper ads and shop around, if possible.

Note: Wherever you shop, find out if students get discount rates. They often do, but you won't get them unless you ask for them.

American electrical equipment is made for 110-120 volts at 60 cycles per second. Such equipment cannot be used in other parts of the world where the electrical character-

istics (voltage, frequency) are different unless the equipment is modified; be careful about taking your equipment out of the country. The same holds for foreign equipment brought here.

All appliances should be checked for Underwriters Laboratories (UL) certification, which guarantees that they are electrically safe.

If everything else fails, try reading the instructions.

Books

Textbooks

New textbooks can almost always be found at the **Tech Coop.** However, if you want to save money, check around for used texts. First, try people you know who have taken the course for which you want the book. After that try the **APO Book Exchange** (held at the beginning of the fall and spring terms), the **TCA Book Exchange** (all year round in the **TCA** Office W20-450), or check the bulletin boards for ads, especially after the end of a term. If you are really energetic (and particularly if you are looking for something that might be a text used at Harvard, e.g. humanities), check the **Harvard Book Store** and **The Bookcase** near Harvard Square. The Tech Coop occasionally has a few used texts.

New Books

Barnes and Noble (395 Washington St., Boston, 426-5502; 603 Boylston St., Boston, 236-1308) Fantastic discounts on dealer overstocks and seconds. Check them for textbooks. Open 12-6 on Sundays. Also stocks puzzles and games.

Harvard Bookstore (1248 Mass. Ave., Cambridge, Harvard Square for used books, 1256 Mass. Ave. for new books, 661-1616) Large selection of paperbacks and hardbounds. Many used texts and used paperbacks at half price. The store actually has two entrances: one for new books and one for used books. Open 12-8 on Sundays.

Harvard Coop (1400 Mass. Ave., Cambridge, Harvard Sq., 492-1000) Large selection of everything. "Boston's biggest bookstore."

Lauriat's (30 Franklin St., Boston) Good selection of hardbounds, moderate number of paperbacks, some used books.

New England Mobile Book Fair (82 Needham St., Newton) Excellent selection of hardbacks and paperbacks at a 20% discount. If you can get there, this is a place to go to for an experience.

Paperback Booksmith (753 Boylston St., Boston, 536-4433) Large selection of paperbacks, open late and Sundays.

Reading International (47 Brattle St., Harvard Sq., 864-0705) Good selection of paperbacks and magazines. Open seven days and nights. Mail and phone orders.

Temple Bar Bookshop (9 JFK St., Harvard Sq., 876-6025) Specialized paperbacks and hardbounds, emphasisis on arts, religion, and philosophy.

Waldenbooks (516 Comm. Ave., Boston, 267-7515; 383 Washington St., Boston, 426-7035) Large selection of books and magazines. They take phone orders.

Wordsworth (30 Brattle St., Harvard Sq., 354-5201) Large selection of paperbacks, all at 10% off, moderate selection of hardcovers at 15% off.

Wordsworth/2 (1100 Mass. Ave., Harvard Sq., 492-4144) 50% off all books, mostly overstocks and seconds. Great place.

Used Books

The Bookcase (42 Church St., Harvard Sq., 876-0832) Huge selection of used paperbacks and texts.

Brattle Book Shop (25 West St., Boston, 542-0210) A used-book lover's heaven. Over 350,000 books. Highly recommended. Just visiting it is an experience. If George Gloss doesn't have it, it probably wasn't published.

Goodspeed's (2 Milk St., Boston; 7 Beacon St., Boston, 523-5970) Good bargain tables; otherwise overpriced.

Pangloss Book Store (1284 Mass. Ave. Harvard Sq., 354-4003) Lots of used hardbounds, with large bargain tables downstairs.

Starr Book Co. (186 South St., Boston, 542-2525) Great selection of used hardbounds, reasonably priced. Highly recommended.

Starr Book Shop (29 Plympton St., Cambridge) Great selection of used hardbounds.

See also: Harvard Bookstore and **Lauriat's** under **New Books.**

Specialty Shops

Asian Books (12 Arrow St., Harvard Sq., 354-0005) Just books on Asia.

Grolier (6 Plympton St., Harvard Sq., 547-4648) Poetry, small press books.

Harvard Press (1135 Mass. Ave., Harvard Sq.) Harvard Press books.

Mandrake Bookstore (8 Story St., Harvard Sq., 864-3088) Specializes in art, architecture, and philosophy books.

MIT Press Bookstore (292 Main St., Kendall Sq., 253-5249) MIT Press Books.

New Words Bookstore (186 Hampshire St., Cambridge, 876-5310) Women's books.

Schoenhof's (1280 Mass. Ave., Harvard Sq., 547-8855) Foreign books, prints.

Science Fantasy Bookstore (18 Eliot St., Cambridge, 547-5917) Need we say more?

Thomas More (1350 Mass. Ave., Cambridge, 547-8770) Harvard Press books.

I find that a great part of the information I have was acquired by looking up something and finding something else on the way.

— Franklin P. Adams

Building Supplies

If you are building a full scale model of the *Enterprise,* check with the Hobby Shop (W31, x3-4343). They purportedly have some special arrangements with lumber yards that are normally wholesale only. Conversely, **Central Square Hardware** (453 Mass. Ave., Cambridge) sells scrap lumber for very modest ventures. If your needs fall somewhere in between, read on.

Sterritt Lumber (50 Albany St., Cambridge, across the railroad tracks from the Institute power plant, 547-0040) is the only lumber yard within walking (and carrying) distance of MIT, and it is *expensive.* Deliveries cost $10. (They're free for orders over $100.) **Cambridge Lumber and Supply** (135 Harvey St., Cambridge, 876-4460) is farther away but has better prices and specialty lumber. **Somerville Lumber and Supply** (779 McGrath Hwy., Somerville, 623-2800) has an enormous selection of lumber and hardware and the best prices of the places listed here; it is also farthest away. Deliveries cost nothing for most purchases. **Boulter Plywood** (24 Broadway, Somerville, 666-1340) has slightly higher prices, but they take great care in precision cutting, and, unlike most places, they will cut particle board.

Note: As a rule, lumber prices decrease exponentially with increasing distance from MIT, and in the suburbs may run as low as one-sixth the levels in Cambridge.

Simpson Inc. (300 Sidney St., Cambridge, 547-8921) is a convenient source of bricks and cinder blocks as well as other materials.

Riches are for spending.

— Francis Bacon

Calculators

Hewlett-Packard and Texas Instruments are the most popular brands. However, unless you are buying a programmable, state-of-the-art calculator, you can usually do better with a Casio, Omron, Corvus, or Novus. The Coop offers a good selection and reasonable prices. However, **Lechmere Sales, Jordan Marsh,** and other department stores are frequently cheaper, so be sure to shop around. **Markline** (1 Federal St., Boston) is a discount store that sells only calculators. *Tech Talk* and the Institute bulletin boards frequently have ads for second hand calculators at giveaway prices.

Note: Before going out and buying the most elaborate calculator you can find, consult upperclassmen or others to determine exactly what you will need.

Clothing

Boston's better clothing stores are along Boylston St. from the Prudential Center to the Public Gardens. Women's apparel can be found in **Bonwit Teller** (in what was an MIT building many years ago), **Sak's Fifth Avenue, Lord and Taylor,** and some of the smaller shops on Boylston and Newbury Streets. Men's stores include **Brooks Brothers** on Newbury St. and **Louis** of Boylston Street for elegant clothing and the **Crimson Shop** on Mass. Ave. in Harvard Square for classy styles. **Copley Place** (behind Copley Square, Boston) boasts of **Neiman-Marcus, Gucci,** and several other high-class and couturier shops. A fun place to window shop.

Clothes are sold at the large department stores downtown, including **Filene's, Jordan Marsh,** and **Kennedy's.** Filene's is famous for its bargain basement, where things get sent after not being sold in the store upstairs or elsewhere. Every week the price is reduced by a quarter of the original price. (The items are given away after a month.) The items sold here are often irregulars and seconds (merchandise defective in some way, often so minor you would never notice it). On busy shopping days the crowds resemble a medium-sized riot, and inhibitions disappear as people try things on in the aisles. It's worth visiting, if only for the laughs. If you shop there, be careful that what you buy isn't beyond repair. Sales on a few items are final. Jordan Marsh also has a bargain basement, though it is not nearly as rowdy as Filene's. **Note:** Be sure you know where the irregularity is before you leave the store. Often it will be minor but it is best to know for sure before wearing the item.

The shops on Charles St. at the foot of Beacon Hill, and those near Harvard Square offer far-out styles. Sports and work clothes, along with Levis and pea jackets, are available at the many Army-Navy stores dotting the landscape (cheap, but watch out for poor quality).

It is hard to be truly excellent, four square in hand and foot and mind, formed without blemish.

— Simonides (556 BC — ?)

Tello's (The Corner, Downtown Crossing) usually offers a good selection of interesting clothing at cheap to moderate prices.

Also, many stores in the Central Square area have clothes at cheaper prices than other areas. A few are **Adam & Eve, Corcoran's, Fashion Ave.,** and **The Cambridge Trading Co.**

Sears has a surplus clothing store in Boston (401 Park Dr., near Fenway Park) and their department store in Cambridge also sells clothes. **Central War Surplus** (433 Mass. Ave., Central Sq., Cambridge) has good prices on blue jeans and work clothes. **High Society** and **Forever Flamingo** on Newbury St., Boston and **Dazzle** (11-23 JFK, Harvard Sq., Cambridge) has punk and thirties clothes, as do a few new punk stores just opened on Mass. Ave. just before Harvard Square.

The **Harvard Coop** has stores at Harvard Square and MIT which sell clothing and much else. Clothing quality is generally very good, and the prices are correspondingly high. The Coop also has low-priced lines, but make sure you don't get stuck with something shoddy.

Comics

Comic collectors will not go hungry for want of reading material here. There are essentially three stores in the area. All three get direct sales comics from all major and minor companies. **Million Year Picnic** (99 Mt. Auburn St., Harvard Sq.) has an extensive range of both new and old comics (including gold and silver age comics). Cover prices for new comics; somewhat high prices for back issues. Also, shirts, posters, buttons, comic bags and related magazines. Good selection, but their lack of space is a pain. Ask about their preferred customer card for discounts on new comics. **Newbury Comics** (332 Newbury St., Boston; The Garage, Harvard Sq.) has a

good selection of new and old comics. New comics are discounted 10% (20% to subscribers) and old comic prices are usually fair to good. Comic boxes and other comic paraphernalia are sold. One owner is a former MIT student and is an interesting person to talk to about comics and many other topics (like MIT dining "service"). **Superhero Universe** (1105 Mass. Ave., Harvard Sq.) has an adequate supply of new comics. Looking for a back issue is difficult due to the seemingly haphazard arrangements of the titles. Back issue prices are usually bad to outrageous. Come here *only* if you can't find that special issue anywhere else. One or two comic conventions come to Boston each year and offer a good chance to get back issues at good prices.

Independent distributors offer a viable alternative to collectors who collect more comics than they keep up with, don't have (or want to make) time to shop frequently, or, (if they order more than, say, $15/month) want to save money. Be very careful with who you deal with: shoddy companies abound. Two very reputable companies that give excellent discounts are Glenwood Distributors (124 Vandalia, Collinsville, IL 62234) and Westfield Comics (6601 Grand Teton Plaza, Madison, WI 53719). Write for details (enclose a 20¢ stamp when writing to Westfield Comics).

Cutlery

If you crave an interesting piece of cutlery or simply a good carving knife, **Stoddard's** (50 Temple Pl., Boston, 426-4187) is the place to go. Also try **Market Grinding Service** (70 Newbury Sq., Roxbury, 427-8138).



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Kendall Drugs

Kendall Square
Cambridge, Mass.

238 Main Street
492-7790

Drug Stores

Kendall Drugs, located right in Kendall Square, gives discounts to MIT personnel on prescription, and sometimes runs discount coupon ads in the campus newspapers. **Medi Mart,** which is located next to Stop and Shop, has very good prescription prices and most everything one would want in a drug store. **Pharmacity,** in Central Square near Purity Supreme, also has a large selection of items. Also in Central Sq. is the **Friendly Family Center** (579 Mass. Ave.). It is very much like a Woolworth's and has a large drug store section. **College House Pharmacy** is just across the Harvard Bridge in Boston. **Phillips Drug** (155 Charles St., Boston) is open 24 hours a day, every day.

The **MIT Pharmacy** (E-23) offers a selection of non-prescription drugs in addition to prescriptions, and purchases over a certain amount can be charged to your institute account.

Duplicating Services

There are hundreds of printers in Boston and a Xerox machine in every 5&10¢ store. The places listed below are those closest to MIT. For large jobs, some shopping around is wise. For very large ones you should seek out someone knowledgeable for advice. (LSC and *The Tech* are among people you could talk to.) See the section in **Facilities** on **Graphic Arts and Reproduction.**

Copy Cop — (815 Boylston St., Boston, 267-9267) Best on exotic items: oversized and colored xeroxes, xerox reductions, copying color slides, but their prices are very high. Other places are likely to do exotic items for a lot less. Competent instant printing and bindery. Weekdays 7:30am-10pm, Sat 9am-6pm.

Eagle Graphics (1 Broadway, Kendall Square, 497-1696) Phototypesetting, offset printing, binding, and copying.

Gnomon Copy — (245 Mass. Ave., Cambridge & 3 stores in Harvard Sq., 492-2222) Probably the most prolific copy service in the world, with rates to match. Gnomon Press, the instant printing division gives 2-3 day turnaround at good prices. (The quality isn't perfect, though.) Weekdays 8am-midnight, Sat 10am-7pm, Sun noon-10pm.

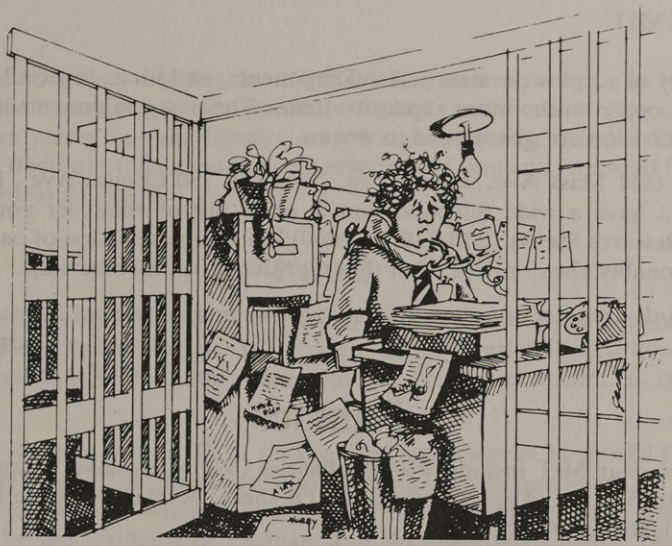
Photo Print — (895 Main St., Cambridge, 876-6098) Opposite the Shell station up Mass. Ave. Full service printer and copy center.

Spaulding Co. — (251 Vassar St., Cambridge, 491-1230) Across the street from Briggs Field (branches throughout Boston). Complete printing and copying facilities.

C. W. Beane Copy Center (315 Mass. Ave., Cambridge, 491-6869). Five blocks from MIT. Photostat and some offset printing.

Electronics

Undoubtedly the most interesting local electronics supply store is **Eli Heffron and Sons** (139 Hampshire St., Cambridge, 547-4005). This is definitely the most popular place among MIT students for chips and other components. They have a constantly-chang-



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ing inventory of surplus devices, parts, components, and junk, especially junk. Bargaining is in order on the more expensive items. The new components in their Solid State Sales division are guaranteed to work.

Radio Shack (551 Mass Ave., Cambridge, 547-7332; 730 Comm. Ave., Boston, 734-5855) should have a wide selection, but is often out of whatever you need. The **Electronics Research Society** (20B-119, x3-2060) has a large selection of parts for members at reasonably cheap prices. Call them for details on membership.

Man is the only asynchronous computer that can be mass-produced by unskilled labor.
— door in 6.711 lab

Fabrics

Cloth sellers near MIT include **Rachel's Fabrics** (493 Mass. Ave., Cambridge) and **Corcoran's** (615 Mass. Ave., Cambridge). Of these, Rachel's has the lowest prices and most friendly salespeople.

You can buy fabric at wholesale prices in the fabric district (MBTA: Essex), but you should know what you're doing if you shop there. Good places to try are **Windmill Fabrics** (111 Chauncy St.) for polyesters and drapery material, **Northend Fabrics** (31 Harrison Ave.) open on Thursdays, Fridays, and Saturdays for most fabric needs, and **New England Textile** (50 Essex St.) for cottons and linens. **Windsor Button Shop** (36 Chauncy St.) is great for embroidery and quilting equipment, trims, lace, and all sorts of accessories.

You should never wear your best trousers when you go out to fight for freedom and truth.

— Henrik Ibsen

Corcoran's also offers a good selection of yarn and kniting and crocheting supplies and patterns. The clerks are very friendly and helpful

Flags

The Flag Center (1865 Mass. Ave., Cambridge, 876-1040) is supposedly the largest flag store in New England. There is an incredible number of flags in stock and they can make custom designs on short order.

Florists

Mr. Ray's Florist (403 Mass. Ave., Cambridge) is an expensive florist just four blocks north of MIT. You would do better, however, to walk further up Mass. Ave. to **Central Florist** (in Central Square), which is friendly and relatively inexpensive. **Galgay the Florist** (757 Mass. Ave., Cambridge) is fancier and more expensive. If all you want is a simple, inexpensive bouquet try the flower stand near the **Kendall Square** subway entrance. Be careful, though — flowers are sometimes wilted there. Harvard Square's lush **Brattle Street Florist** (31 Brattle St., Cambridge) never has an imperfect flower — if you can find one, they'll probably give it to you for half price. If you need an FTD florist, try **Kupersmith Florist** (8 Brattle St., Harvard Sq.). **Faneuil Hall**

Flower Market in Quincy Market, near MBTA Haymarket, is open 24 hours every day. They have a very large selection of fresh plants and flowers. Prices are higher than the other places but the flowers are of higher quality. **Winston Flowers** (131 Newbury St., Boston) offers a magnificent selection of rare and imported flowers and plants, with prices to match.

Food

The closest grocery stores to MIT are **Purity Supreme** in Central Square, **Stop and Shop** on Memorial Drive near the BU Bridge and in Charles River Plaza in Boston near the Longfellow Bridge. **Star Market,** at the Prudential Center, is not very far away, either.

The Bus, a service provided by **TCA,** runs to Stop and Shop on Memorial Drive every Saturday between 9-5. This has made Stop and Shop very popular with MIT students. You always see someone whom you know there. On campus, small grocery stores are operated by the residents of Eastgate and Westgate apartments. The Westgate and Eastgate stores are open to the public seven days a week. The **Coop Lobby Shop** also has a few items. Prices here, however, are usually higher then at the large supermarkets, and the selection is very limited, although it has been improving.

There are three big chain supermarkets in the area: **Stop and Shop, Star Market,** and **Purity Supreme.** Competition among them is keen, and if you live near several of them, you should consult the newspapers for the weekly specials. If you want to cut costs you should be attuned to the likelihood that the supermarket down the road will sometimes sell meat more cheaply than the one across the street although vegetable prices may be better at the latter. Also, Stop and Shop offers double the value on coupons. Stop and Shop and Star Market have the advantage of staying open late on evenings; check **Late-Night Shopping** for info. Certain Stop and Shop stores have delivery service (unlike the one on Memorial Drive) and Star Market delivers but not to Cambridge. Most chain stores will cash personal or payroll checks once you get a courtesy card from their customer service desks, a process which takes about three weeks. There is often a trivial charge (20 or 25 cents per check) for this service. Stores have different limits on personal checks they will cash, the average being about $35 not more than once a week. The limit on paychecks often runs quite a bit higher.

Small grocery stores are distributed throughout residential areas. They often have higher prices than big stores have. The service and quality start at adequate and can build impressively as you get to know the owners. Some stay open until odd hours (11 pm or even later) and many are open on Sundays. Quite a few of them deliver on telephone orders, a useful feature for dormitory groups and large apartments. Branches of **7-11** and **Store 24** are located in Central Square and many other areas.

Cooperatives

Cooperatives have been springing up all over the area. The basic idea is that a group of people can pool their food orders and buy things wholesale in order to cut costs. Many of the larger cooperatives are block cooperatives, though there are some that are larger still and some that operate out of churches or community centers. Ask

around among your neighbors if you want to get into one. The **Cambridge Food Coop** (Mass. Ave., Cambridge, 661-1580), located several doors in the MIT direction from Purity Supreme in Central Square, has been operating for several years. The **Boston Food Coop** (449 Cambridge St., Allston) is nonprofit and member operated, with a full line of food (meats, cheese, veggies, etc.). They also feature craft fairs, a free clothing exchange, and nutritional info.

Haymarket Open-Air Market

There is an open-air market in the Dock Square area of Boston, next to the Haymarket MBTA station and immediately north of Faneuil Hall. A few merchants operate there Thursday through Sunday. Friday and Saturday the place is jammed with people. Fresh fruits and vegetables can be bought there very cheaply, especially if you get to know one or two merchants well.

Advice: Prices vary from booth to booth. The general rush makes moving from place to place extremely difficult, so comparison shopping is a tough job. In general, the booths on the fringes of the area will have higher prices because they can count on receiving business from those not hardy enough to wade in the general fray.

Quality can be wonderful, as will become obvious when you see the beautiful displays of fruit and vegetables in the front of every cart. However, merchants normally pick your items from a big box or bag (or the back of the display) which does not necessarily contain food as good as that which is on display. So watch carefully and don't let him fill up your bag without your seeing what's going in there. Be sure to check the merchandise before paying and walking away; often you can exchange bad produce.

There are wholesale-retail meat stores in the buildings alongside the market, in Quincy Market, and around Faneuil Hall which sell at very low prices, but don't have unreasonable expectations; the things selling for 49 cents a pound are *not* filet mignon. Once you build up a relationship with some of the butchers, you can get excellent bargains, but until then you should watch what you're getting very carefully. If you want good meat, you'll have to pay for it. During the summer it is best to frequent the merchants who have good refrigerated rooms.

SOME BUSINESSES DO HAVE PRINCIPLES

The Business: ours. We're Cambridge Food Co-op. We're owned and controlled by our 2,000 consumer members. We have over 3,000 supermarket and natural food items. At excellent prices in a community atmosphere. Now open to the general public!



And we've got the Cooperative Principles: 1. Membership open to all. **2.** Democratic control. **3.** Limited interest on investment. **4.** Surpluses controlled by members, not outside investors. **5.** Co-op and consumer education. **6.** Cooperation among co-ops. . . . At the Food for People, Not For Profit Store.

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$1 OFF a $7 minimum purchase with this ad.

There are also grocery, cheese, canned goods, leathercraft, and other types of stores around the area. **Al Capone's** is an especially wonderful place to buy cheese of all sorts at low prices. It's at 72 Blackstone Street.

Watch your wallet or pocketbook. Pickpockets love crowds and are out in force on Fridays and Saturdays.

Haymarket is open from 6 to 6 on Fridays and Saturdays during the fall and winter. During the summer the hours get somewhat longer. The above hours are the official ones; merchants who haven't sold out by 6 sometimes hang on until 9 unless the weather is very bad. Prices get lower as closing hour approaches, but the advantage of shopping late is dubious since the merchandise is often poorer and has already been sitting out there for as long as 12 hours.

Haymarket offers prices about half those of supermarkets and is a very entertaining way to shop. If you can spare the time and effort and don't mind crowds, you should certainly get over there at least once to sample this holdover from colonial times.

Foreign and Specialty Foods

There are food markets in Boston catering to all ethnic, religious and socio-political tastes. The following descriptions provide a brief introduction to the facilities available.

For Chinese and Southeast Asian foods, go to Chinatown in Boston (MBTA: Essex); you'll find a complete selection of foods and spices as well as cooking utensils. **Eastern Market** is the best place to communicate in English; it has good-quality food and a clean (if dull) atmosphere. Dozens of "Mom and Pop" style groceries dot Chinatown's streets; they have all sorts of exotic goodies that Eastern Market lacks. Beware: Some of these tiny stores aren't very big on cleanliness, and Asian food-packaging companies often aren't too clean either. **Yoshinoya** (Prospect St., Cambridge, half a black from Mass. Ave.) has an incredible selection of Japanese foods — fish fresh enough to eat raw, seaweeds, weird veggies, and more than thirty kinds of crackers. It also makes sushi three or four days a week for take-out.

Two of the many Greek and Middle Eastern stores are **Samos' Market** (221 Broadway Boston, in the South End) and **Tripolis Fruit Store** (133 Harvard Ave., Allston). For Italian specialties you can try A. Baldini & Co. (27 Portland St., Boston) or just wander into the North End of Boston (immediately east of Government Center) or up Cambridge St. in Cambridge. The North End has many pastry shops and shops where you can get coffee beans, olives, and noodles. Two notable shops in the North End are **Dairy Fresh Candies** (57 Salem St., Boston) and **Trio's Ravioli Shoppe** (222 Hanover St., Boston). **Cardullo's Gourmet Shop** (6 Brattle St., Cambridge, Harvard Sq.) has a good selection of Indian, Mexican, Scandinavian, Japanese and many European regional foods, but it is very expensive. **Savenor's Market** (92 Kirkland St., Cambridge) has a variety of interesting foods, including a good Jewish Challah.
Cheeses are available from a variety of stores, including the one mentioned above under the open-air market. The prices tend to run high. It is not unusual to pay $4.50 a pound (or more) for really interesting cheese. The best places to buy them are **The Cheese Shop** (102 Tremont St., Boston), the **Wine and Cheese Cask** (407 Washington

St., Somerville), Haymarket, and the North End of Boston. The worst places to buy them are in fancy shops around Harvard Square and other *haute couture* areas; the price differential is quite large.

Organic and natural foods can be purchased at several stores set up specifically for that purpose. The nearest one to MIT is **Lee Nutrition** (290 Main St., Kendall Sq., 661-9600), a natural rip-off joint; it has some "interesting" food! One great deal at Lee is the yogurt prices. Another place is **Nature Food Stores** (714 Mass. Ave., Cambridge, a block past Central Sq.). **Erewhon Trading Company** (342 Newbury St., Boston, 1731 Mass. Ave., Cambridge) has a large selection with reasonable prices and sells grains and beans in bulk although the service is pretty snobby if you are not a regular customer. **Boston Natural Food Co.** (154 Newbury St., Boston) is a good place for spices and canned "health foods" but not for grains. **Organic Food Cellar** (297a Newbury St., Boston) has a good selection and reasonable prices. Other local stores are **Cambridge Health Foods** and **Cambridge Country Store,** both on Mass. Ave. in Cambridge past Harvard Square. Fresh vegetables are best purchased at Haymarket, and many local groceries have good stocks of vegetables, nuts and beans. There are also macrobiotic restaurants; some are listed in the **Restaurants** chapter. The Westgate store carries some natural foods.

Spices and herbs can be found at various locations in the regular supermarkets (such as Savenor's, above), in the several foreign food stores, and at the nature and organic food stores. Two examples of the latter are **Attar** (31 Putnam Ave., Cambridge) and **Erewhon** (discussed above). Also, there are established spice and herb stores such as **Cambridge Country Store** (1759 Mass. Ave., Cambridge; 588 Comm. Ave., Boston; 42 Charles St., Boston) and **G. S. Cheney and Co.** (7 Union St., Boston).

Kosher foods are available from several locations, most of them on Harvard Ave. in Brookline. Ask at the Hillel Office (x3-2982) for specific information.

Fish can be found in the North End of Boston, notably at **Guiffre's Fish Market** (50 Salem St., Boston). **Folsom's Seafoods of Boston** (162 Mass. Ave., Boston) has a large selection of very fresh fish and take-out fish plates. In Central Square, **Atlantic Seafood** has very high prices and quality only slightly better than neighboring Purity Supreme Supermarket. **Bill the Fishman** (59 Prospect St., Central Sq.) has excellent fresh fish and the lowest prices around. **Legal Seafood** (Kendall Sq. and other locations), in addition to the restaurant, also sells fresh fish, although prices and selection tend to vary. There are also fish vendors at **Haymarket** on Fridays and Saturdays.

Bakeries

Bakeries tend to cluster in ethnic areas. Italian ones can be found in Boston's North End and in Cambridge along Cambridge St. **Royal Pastry Shop** (738 Cambridge St., Cambridge) and other bakeries near there have delicious breads, cakes, and other goodies. Jewish bakeries are centered on Harvard Ave. near Coolidge Corner in Brookline. Bakeries in Chinatown sell meat-filled pastries as well as sweets. For excellent French breads **Au Bon Pain** (Quincy Market, Boston; Prudential Center, Boston; Harvard Sq., Cambridge) is very, very good (good service, bad French accent).

Bakeries in the Harvard Square area generally specialize in pastry. Of note are **Blacksmith House** (56 Brattle St.), **Sage's Bakery Kitchen** (60 Church St.), and the **Bagel Bin** (1105 Mass. Ave.). **Baby Watson** (The Garage, 36 JFK St.) specializes in overpriced cheesecake.

Quincy Market also features a variety of bakeries and pastry shops.

The closest places to MIT to buy fresh doughnuts are **Dunkin Donuts** (616 Mass. Ave., Central Sq., Cambridge), **Harvard Donut Shop** (647 Mass. Ave., Central Sq.) and **Topp's Do-nuts** (795 Main St., Cambridge). The **24 Hour Coffeehouse** on the second floor of the Student Center sells donuts as well.

A close place to buy cookies, **Grandma's Cookie Factory** (988 Mass. Ave., Cambridge) has many kinds of cookies baked fresh on the premises. **David's Cookies** (18 Brattle St., Harvard Sq.) has good (overpriced) cookies.
Groups of ten or more people can have bread delivered wholesale from **La Ronga** (599 Somerville Ave., Somerville, 776-2832), **Quinzani** (380 Harrison Ave., Boston, 426-2114), or **Green-Freedman** (75 Old Colony Ave., So. Boston, 269-4700).

Liquors, Beers and Wines

There are many liquor stores in the Boston area carrying the popular brands of beer and liquor along with some assortments of wine. Prices vary, but the larger stores generally have lower prices. Some grocery stores and most of the larger supermarkets also sell alcoholic beverages, notably **Purity Supreme** in Central Square and **Stop and Shop** near the BU Bridge.

In order to buy liquor in Massachusetts, you must prove you're 20. The regulation is randomly enforced, but things get noticeably tighter around election time.

The following stores either have convenient locations or above average selections and service.

Brookline Liquor Mart (1354 Comm. Ave., Brookline, 734-7700) offers a good selection of wines with low prices and helpful salespeople. Credit cards accepted.

Cave Atlantique (34 JFK St., Harvard Sq., 492-1780) does its own importing, resulting in substantial savings on Spanish sherry and other selections.

Harvard Provision Company (94 Mount Auburn St., Cambridge, off Harvard Sq., 547-6684) has a pretty good selection of all sorts of drinks. Free parking, free delivery, credit cards accepted. There is an ice machine outside operating 24 hours a day.

Harvard Wine and Liquor Co. (Coolidge Corner, Brookline, 277-9000). A fine selection of wines. The proprietor is an old MIT grad with a thorough knowledge of wines, which he shares generously with bewildered novices. Credit cards accepted. The place is headquarters for wine-lovers' organizations.

Libby's Liquor Market (575 Mass. Ave., Central Sq., Cambridge, 354-3678). Convenient location, reasonable selection. Good prices, sometimes undercuts Warehouse.

Macy's Liquors (170 Canal St., Boston, 523-6263) has lots of unadvertised discounts.

Martignette's (1650 Soldier's Field Road Extension, Brighton, 782-3700). The world's largest liquor store. A huge selection of anything ever fermented or distilled. Low prices, free parking.

Savenor's Liquor Mart (100 Kirkland St., Cambridge, 547-7300). Good selection and knowledgeable assistance. Credit cards *not* accepted, *no* delivery. Part of the Savenor's Supermarket complex.

Warehouse Liquors (45 Commercial St., Cambridge, 354-0488). The lowest prices in Massachusetts, generally.

Wine Cask (407 Wshington St., Somerville, near Inman Sq.). Good selection of wine and cheese. Knowledgeable and helpful salespeople.

'Tis not the drinking to be blamed, but the excess.

— John Selden

Soft Drinks

You can order Coke, Fresca, Sprite, Tab, and Fanta (root beer, orange, ginger ale, and grape soda) from the **Coca-Cola Bottling Company** in Needham Heights (449-4300). The minimum order for free delivery is 10 cases, not necessarily all the same beverages. Coke is available in 16 oz. and 10 oz. bottles; the others are available only in 10 oz. bottles. When ordering, make sure you mention that it is for a dorm or living group; they don't deliver to individuals.

Pepsi-Cola and **Mountain Dew** (254-2400) and **Canada Dry** (890-2200) can also be delivered as well. **A & W Root Beer** and **7-Up** —444-3100) can be delivered in bottles.

Framing

Frameworks (Mass Ave., Cambridge near Porter Sq.) is a do-it-yourself frame shop. They provide materials and advice; you do the work and save about half the cost of custom framing.

The Coop at Harvard Square does custom framing, but prices can be high and the wait long. Do not even attempt to go near the framing desk on a Saturday, the lines are usually atrocious.

Furniture

There is a tremendous turnover of furniture in the Boston area, especially at the beginning of the summer. If you go about it correctly, you can furnish an apartment quite cheaply. You can also be assured of being able to resell once you have finished with it.

In addition to the ever-present bulletin boards and *Tech Talk* classifieds check the **MIT Women's League's Furniture Exchange.** It's located at 25 Windsor St. in Cambridge and is open Tuesdays and Thursdays from 10 am to 2 pm. Used furniture is bought and sold here. Call x3-4293 for more information. **Goodwill,** the **Salvation Army,** and several stores near Porter Square also sell used furniture, though nowhere near as cheaply.

One option is to make what you need. Check the **Door Store** (940 Mass. Ave., Cambridge) for furniture components, **Ray's Foam Mattress and Cushion Co.** (26a Otis St., Cambridge) and **Brighton Upholstering Co.** (201 Msgr. O'Brien Hwy., Cambridge) for foam rubber, and **Plywood Ranch** (107 First St., Cambridge) for wood. (See also **Building Supplies.**)

There are various furniture stores scattered from Central to Harvard Squares. Check the listings under Furniture, Furniture-rental, and Furniture-used in the *Yellow Pages* for listings of stores. Avoid stores that specialize in package deals, use high-pressure sales tactics, or have contracts including hidden costs. Be doubly cautious when renting furniture. Most rental firms are more expensive than is reasonable.

Haircutters

Prices for men's haircuts range from $5 for a ROTC cut at the **Tech Coop Barber** (Student Center basement) to $15 at one of the fancy salons on Newbury Street. Women's haircuts usually cost even more.

One place many MIT students swear by is **Manseur's** (previously known as **Image**) at 231 Newbury St., Boston. For $13.50 it supposedly cannot be beat. **Elias Hair Care,** just up Mass. Ave., is friendly and costs $16. Watch for their discount coupons in campus papers.

Diego at The Loft (143 Newbury St., Boston, 262-5003; 57 JFK St., Harvard Sq., 661-7660) has a cutting school, which offers professional styling for under $6, one night per week. At all other times, Diego is a super-chic clip joint. **Esquire Barber Shop** (90 Mass. Ave., Boston, 536-6113; 1199 Cambridge St., Cambridge, 354-8747) gives a $7



haircut in a real barber shop, not a "salon". If you are daring, you might try **Mass. School of Barbering** (1254 Washington St., Boston), which is cheap ($4.00 for shampoo & cut) and often good.

Only a mediocre person is always at his best.

— Somerset Maugham

Some other places are **Carmen's Barber Shop** (783 Main St., Cambridge) and **Kendall Barber Shop** (Main St., Cambridge next to Post Office). They are inexpensive and do a fairly good job. **Bojack's LTD Hair** (56 High St., Boston) is about $15 for a good haircut. **Diego at the Loft** (143 Newbury St., Boston, 262-5003) is expensive ($25 or more) but gives very good haircuts. **Harrington's** is another good place at slightly expensive rates located on Newbury St. **John Dellaria Salons** (33 Newbury St., Boston; 623 Comm. Ave., Kenmore Sq.) are expensive but give a reliable hair cut.

Hardware

There are hardware stores all over the Boston area, with industrialized Cambridge having more than its share. We shall satisfy ourselves wtih a listing of the nearest ones.

Dickson Bros. Hardware (26 Brattle St., Cambridge, 876-6760). Multiple levels with good selection and very helpful service, Watch out for Harvard Square prices, though. Free delivery.

Elias
hair care
319 massachusetts avenue
cambridge, massachusetts 02139
497-1590/1591

two dollar discount and free consultation
with this ad

Central Square Hardware and Tool Rental (453 Mass. Ave., Cambridge). You have not truly experienced claustrophobia until you have squeezed your way in there. In addition to an impressive collection of standard hardware, they carry metal bookshelves, unfinished furniture, housewares, mirrors, and scrap lumber. True to their name, they also rent tools. Prices are reasonable.

Pill Hardware, Inc. (743 Mass. Ave., Cambridge, 876-8310). Good selection, knowledgeable assistance.

Other interesting stores in the vicinity are **Inman Square Hardware** (1337 Cambridge St., Cambridge) and **Mills Hardware** (1076 Cambridge St., Cambridge), which are both near Inman Square, and **Economy Hardware** (351 Mass. Ave., Boston), near Back Bay.

Jewelry

The best deals on jewelry can be found on Washington and Winter Streets (MBTA: Washington). The largest selection of jewelry stores is here, and the department stores (Filene's, Jordan Marsh) have jewelry departments too. **Long's** (next to Jordan Marsh) and **Robinson & Co.** (329-331 Washington St., 227-4739) both have large selections and courteous salespeople. For "real" jewelry, try **Shreve, Crump & Low** (330 Boylston St., Boston), which has a well-respected name.

Late Night Shopping

For night owls, there are several outlets open late or all night. (See also **Restaurants.**) If you are in doubt, it is a good idea to call first.

Phillips Drug Co. (155 Charles St., Boston, just across Longfellow Bridge). Drugs, newspapers, some food, some other items. Always open.

Gnomon Copy (1304 Mass. Ave., Cambridge). Xeroxing, photo-offset, open 'til 1 am. (319 Mass. Ave., Cambridge) open 'til midnight.

7-11 (750 Mass. Ave., Central Sq.). A grocery store open 24 hours a day, high prices.

Stop and Shop (757 Memorial Dr., Cambridge, past BU Bridge; Church Park, Boston, near Symphony Hall). Supermarket, open until midnight weekdays, noon-6pm Sunday.

Purity Supreme (Central Sq., Cambridge). Supermarket open 'til midnight; the Newton branch (647 Washington St., Newton) is open 24 hours a day, from noon Sun. to midnight Sat.

White Hen Pantry (371 Comm. Ave., Boston). Groceries and deli. Always open.

Christy's (49 Berkeley St., Boston). Large grocery. Always open.

Store 24 (1717 Boylston St., Boston; Kenmore Sq.; Coolidge Corner; Central Sq.; Harvard Sq., corner B'way & Prospect St., Cambridge; others). Open 24 hours every day. A miscellaneous collection of trashy items and a few groceries at arbitrarily inflated prices.

The Growers Market (889 Memorial Dr., Cambridge). Plants and flowers. Open 7 days a week until 7 pm.

Strawberries (30 JFK St., Harvard Sq., Cambridge; 750 Memorial Dr., Cambridge; 522 Comm. Ave., Boston; 709 Boylston St., Boston; 411 Washington St., Boston). Records, tapes, books. Open until 10 pm weekdays, midnight Fri and Sat.

Paperback Booksmith (25 Brattle St., Harvard Sq., Cambridge). Books. Open 'til 1 am weekdays, 'til 2 am on Fridays and Saturdays.

Commonwealth and Granby Gulf Service Station (605 Comm. Ave., Boston, near BU). Always open.

Takis Shell Service Station (Mass. Ave. & Main St., Cambridge). Almost always open.

Merit Gas (287 Prospect St., Cambridge). Always open.

Music Stores

The closest music store to MIT is **E. U. Wurlitzer** (Mass. Ave. & Newbury St., Boston). It is usually crowded, but prices on most instruments, especially recorders and guitars, are lower than list prices, and the merchandise is generally very good. **Beacon Musical Instrument Co.** and **Boston Music,** both on Boylston across from the Common, have large selections of most instruments at higher prices. Beacon is connected to **Carl Fisher,** which is the largest seller of sheet music in Boston. A smaller selection of fine woodwinds and some guitars are sold at **Rayburn's** (263 Huntington Ave., Boston). **Briggs & Briggs** (1270 Mass. Ave.) and **The Instrument Exchange** (1908 Mass Ave.), both near Harvard Square, have even higher prices than the downtown stores although the Exchange has an excellent repair service. **The Record Garage** (12a Eliot St., Harvard Sq., behind Coolidge Bank) gives good deals on guitars and amps and often carries used Martins for under $350. Other places to try are the ads in *Tech Talk* and the *Yellow Pages* for specialized dealers.

Plants

Petal Pushers (846 Mass. Ave., Cambridge), which once specialized in small exotic flowering plants, has reasonable prices and gives free diagnoses of plant ailments. Dozens of other plant stores can be found in Harvard Square and on Newbury Street in Boston, all with cute names and outrageous prices. **Stop and Shop** (727 Memorial Dr., Cambridge, past BU Bridge) sells inexpensive greens that are occasionally brown.

The Growers Market (889 Memorial Dr., Cambridge) has a large selection and is reasonably close, and if a large selection at a higher price is OK, the **Faneuil Hall Flower Market** is supreme.

In **The Corner** (on Washington St.) is the **Corner Plantshop.** Plants are inexpensive though there is a limited choice. Delivery costs are high — bring a friend to help you carry the plants home.

The best way to adopt a plant is to take a cutting from a friend's plant or read the ads in *Tech Talk* and on the bulletin boards. The **Arnold Air Society** has a plant sale in Building 10 lobby every fall, but the prices are unreasonably high. **MIT Women's League** also has a plant sale early in October on the steps of the Student Center; The prices are usually reasonable.

Records

Your rebate considered, the **Coop** is probably the cheapest place to buy records (especially during their frequent 20%-off sales). The Harvard Coop has the *largest* collection of records in New England, the the Tech Coop isn't small either. **Strawberries** (30 JFK St., Harvard Sq., Cambridge; 750 Memorial Dr., Cambridge; 522 Comm. Ave., Boston; 709 Boylston St., Boston; 411 Washington St., Boston) and **Lechmere Sales** (88 First St., Cambridge) also have excellent prices and good selection.

Discount Records (18 JFK St., Harvard Sq.) and **Music City** (27 Brattle St., Harvard Sq.) both have a large selection and moderate prices. Discount Records has friendlier service.

Used records are frequently a good deal. **Figaro's Record Shop** (1154 Mass. Ave., Cambridge) specializes in used classical records and scores. Prices are low, and you can listen to your record before you buy it. Figaro's also sponsors concerts, which are announced in the store. **Zounz** (848 Boylston St., Boston) and **Bojo Records** (52 Boylston St., Cambridge) sell used jazz recordings. **Deja Vu** (1105 Mass. Ave., Cambridge; 151 Mass. Ave., Boston) sells all types of used records and cutouts.

Cheapo Records (645 Mass Ave., Central Sq.) has new and used records. The used records are of all types and are inexpensive. They are also potluck. The records are sometimes in very poor condition. The new records are very expensive.

Shoes

Boston is the middle of a shoe manufacturing area being smothered by a flood of imports. You will find no lack of places to shop; where you go will be a matter of personal taste and budget. There are stores of various types on Mass. Ave. in Central Square, and plenty of fashionable shops in Harvard Square and along Winter St. in Boston.

Rosenberg's (538 Mass. Ave., Central Sq., Cambridge) has good and relatively inexpensive shoes.

Tello's (The Corner, Downtown Crossing) has shoes at discount prices, although the selection varies.

You can try **Filene's, Jordan's,** and stores of that type also. As long as you are not shopping at the factories you will find most stores have comparable prices. **Mary Jane's** (467 Washington St., Boston) and **Baker's Shoes of Cambridge** (521 Mass. Ave., Cambridge) have inexpensive shoes, but the shoes are not of high quality. **The Wild Pair** (17 Winter St., Boston) caters to the earthy college look. **TAHA** (727 Boylston St., Boston; 1312 Mass. Ave., Cambridge) tends more toward the chic preppy look.

Men's shoes can be found at **French, Shriner and Urner** (201 Alewife Brook Pkwy., Cambridge, across from Fresh Pond Mall). This is by no means a complete list, but if you head in these directions you will be guaranteed to find more shoe stores around.

North of Boston are many factory outlets offering discount prices; check the *Yellow Pages*. **Hyde Factory Outlet** (535 Windsor St., East Cambridge) has good buys on athletic equipment (skates, cleats, running shoes, etc.). For custom-designed footwear try **Tisdell's Sandal Shop** (1160 Mass. Ave., Cambridge) and **First Settler Workshop** (118 Blackstone St., Boston).

The nearest shoe repair places are in Kendall Square and on Prospect St. in Central Square. **Charlie The Tech Tailor** (Student Center Basement) also does shoe repairs.

Specialty Stores

Stores offering a wide variety of merchandise and services can be found in a few special shopping centers:

Faneuil Hall features trendy shops and pushcarts offering a wide selection of novelty items. Not a very practical place for serious shopping, but fun to browse around and a well-known tourist landmark.

The Garage (Harvard Sq.) also features shops and fast food places. Trendy, and with prices to match.

Copley Place (Copley Sq., Boston) is Boston's newest shopping landmark, and caters to an upscale clientele with such names as Neiman-Marcus, Gucci, and Godiva Chocolatier. It's very expensive, but interesting to look around.

The Corner (Downtown Crossing, Boston) features clothing, a large selection of fast food, and a few interesting novelty shops.

Originality is the art of concealing your sources.

— Franklin P. Jones

Stamps and Coins

Boston has a concentration of dealers around Bromfield St. Also try **Jack Molesworth** on School St. and **S. L. Stone's** on Washington St., both in Boston. One of the friendlier ones is **J. J. Teaparty** on Bromfield St. And MIT has a Numismatic Society.

Stereo Equipment

Experience has shown that salespeople at stereo stores are more than willing to lie to make a sale. Remember that there are many MIT students that are *real* experts. A novice should check around his/her living group before buying anything. Never buy without comparison shopping and never tell salespeople that you are just shopping around — they'll refuse to give their best prices to protect their competitors' "lowest price around" guarantee. Whenever you're told a "rock bottom dealers' cost," remember that that is still at least a 100% mark-up. Local dealers should give a full "buyer protection" warranty. Watch for discontinued lines, which are always good buys.

Tech Hifi (182 Mass. Ave., near MIT; 38 Boylston St., Harvard Sq.) lures customers with blue jeans, beards, and superfluous guarantees. By cynical. Their prices can only go down if you wait. When you buy from them, be sure to get as many extras as you can: they will provide free accessories, tapes, and taxi rides home on demand. **K & L Sound** (75 N. Beacon St., Watertown, on the #70 Central Sq.-Watertown busline) usually has good prices. Beware of **Atlantis Sound;** their salespeople are real professionals. Be prepared to walk out with the Brooklyn Bridge when they shift into high gear. **Eardrum** (16 Eliot St., Harvard Sq.) and **Tweeter, Etc.** (102 Mt. Auburn St., Harvard Sq.) both have fair prices and some knowledgeable salesmen; both also have some salespeople who try to screw you out of money, services, and warrantees. **Radio Shack** sells stereo equipment but charges as much for junk as Tech Hifi does for good equipment. Other stores to check include **HiFi Buys** and **MSL** in Harvard Square and **Wolf and Smith** in Central Square. **Lechmere Sales** (88 First St., Cambridge) also has a pretty good hi-fi department with reasonable prices. For used equipment, watch the ads in *Tech Talk*.

If your equipment needs repair, try **Bromley Engineering** (883 Cambridge St.), **Stereolab** (16 Eliot St., Harvard Sq., 864-1144), **Tech Hifi,** or even **Tweeter, Etc.**

Out of the strain of the Doing, Into the peace of the Done.

— Julia Louise Matilda Woodruff

Typewriters

Typewriters can be purchased at local department stores (**Lechmere Sales** is recommended for their low prices and selection). One of the better places for repairs is **University Typewriter Co.** (90 Mt. Auburn St., Cambridge). They guarantee their work, are friendly, and also carry typewriters and supplies.

KENDALL SQUARE

WELCOMES

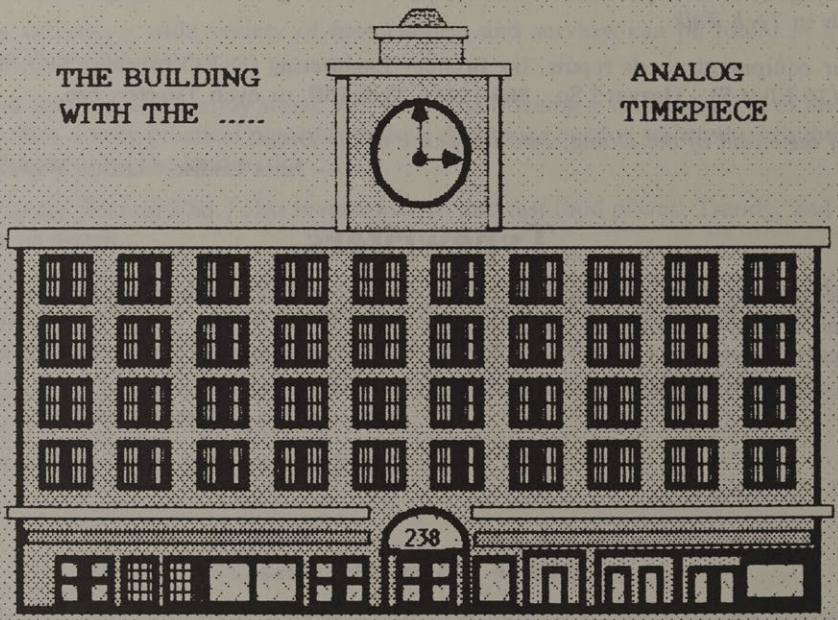
M.I.T. STUDENTS

WITH

FRIENDLY SERVICES AND FAIR PRICES

THE BUILDING WITH THE .....

ANALOG TIMEPIECE



LOCATED IN THE KENDALL BUILDING

BAYBANK HARVARD TRUST

KENDALL FLOWER SHOP

KENDALL DRUGS

U.S. POST OFFICE

KENDALL BARBER SHOP

ALEXANDERS RESTAURANT


GEO
FIELD
FIELDS CO.



Things To Do

This section is a partial guide to the facilities available for enjoying yourself in and around Boston and MIT. Boston has so much to offer in the performing arts, movie theatres, coffeehouses, restaurants, and music that there is never any excuse to be bored around here.

Now the world has gone to bed,
Darkness won't engulf my head
I can see by infra-red
How I hate the night

Now I lay me down to sleep
Try to count electric sheep
Sweet dream wishes you can keep
How I hate the night

— Marvin the Paranoid Android

Resources

The Boston Phoenix is hawked on the streets each week. It has complete listings of the week's events, information on things going on in Boston, and extensive criticism and reviews of entertainment products and events. Also, the *B.A.D., Boston After Dark,* (from the *Boston Phoenix*) is distributed free each week. Look for it in Lobby 7, at the front desk in your dorm, and in the Student Center. '*Calendar*', published in the Thursday *Boston Globe* also has excellent listings.

There are several guides to Boston available from travel agencies, most hotel lobbies, the Boston Chamber of Commerce and other groups. A wide variety of topical (e.g. Dining Out) guidebooks are available at most bookstores as well as general guides to Boston and Cambridge. The **I LOVE BOSTON GUIDE** by Marilyn Appleberg, available at the COOP, is an excellent one to buy. For free maps, brochures on most tourist attractions, and information on current happenings in the city, visit one of the following information booths. The greater Boston Convention and Tourist Bureau operates the **Boston Common Information Kiosk** on the Common near the Park St. station. Conveniently located at the start of the Freedom Trail, it is open from 9-5. You can call them at 367-9275 if you have questions. Another conveniently located center is the **National Park Service Visitor Center.** It is located across from the Old State House on 15 State St. and the phone is 242-5642. The center operates 7 days a week from 9-5. It is close to the State St. Station. A third center, run by the Commonwealth Dept. of Commerce, is good but open only weekdays 9-5. You can phone them at 727-3201 or visit them at 100 Cambridge St., 13th floor near the Bowdoin stop on the Blue line.

The **Events Line** (267-6446) is a recorded listing of free cultural events of the day.

The Boston Arts Line recording (437-1660) lists upcoming cultural events in the Boston area.

The SCC recently started a telephone service number, **Partyline** (3-3942), with a recording of current information on parties and various activities around campus.

Other colleges in the area often have parties that are well worth going to, and it's often very pleasant to meet people who come from other schools and have different backgrounds from those students we associate with here every day. The best way to find out about parties at other schools is simply to keep an eye on the bulletin boards around campus, especially the UA board in Lobby 7.

This town of Boston is becoming a Hell on Earth, a City full of Lies and Murders and Blasphemies; a dismal Picture and an Emblem of Hell.

— Cotton Mather, 1688

Sightseeing

One of the best and most popular ways to become familiar with the sights of Boston and to brush up on your American history is to walk the **Freedom Trail** or follow the "big red stripe down the middle of the sidewalk." The tour will lead you from the Common to the Bunker Hill Monument. Along the way, you will see 17 historical sites — the State House, Park Street Church, Granary Burying Ground, Kings' Chapel, site of the first Public School, the Old Corner Book Store, Old South Meeting House, Old State House, Boston Massacre site, Quincy Market, Faneuil Hall, the Paul Revere house, Old North Church, Copps' Hill Burial Ground, U.S.S. Constitution, and Bunker Hill Monument. Many of the sites close at 4:30 pm so start at least 3 hours before then to allow enough time. The trail starts at the Boston Common, near Park St. Station. Then, just follow the red path. It's a good idea to stop at the Information Kiosk and get a guide and a map, but it will cost you $1. Most of the attractions are free, but a few of the major sites will charge a slight admission fee.

On the Freedom Trail: The **Boston Common,** bounded by Boylston, Charles, Beacon, Park and Tremont Streets, is the oldest public park in the U.S. You can no longer graze your cow there if you have one, but it is a pleasant grassy park filled with a random assortment of people and activities every day of the year.

Free tours of the gold-domed **State House** (727-2121) on Beacon and Park at the edge of the Common are given Mon.-Fri. 10-4.

Old South Meeting House (310 Washington at Milk; 482-6439; MBTA: State) is one of Boston's 3 remaining 18th century Angelican churches. It is now a National Historic Landmark. The Boston Tea Party began at "Old South." Hours: 10-6. Admission: Students, 50¢.

The **Old State House** (corner of Washington and State; 242-5655; MBTA: State), the center of colonial government, is the city's oldest surviving public building, now a museum of Boston's history open to visitors. Hours: 9:30-5. Admission: Students, 50¢.

Quincy Market and **Faneuil Hall** (MBTA: Government Center) are a great mix of old and new on the Freedom Trail. These newly refurbished structures are now the greatest place on earth to be with a full wallet and an empty stomach. These buildings now accommodate booths and booths and booths of food, food, and more food as well as lots of cute shops. A native Bostonian once said that Heaven smells like Quincy Market, and this has never been disputed. Faneuil Hall houses Durgin Park Market Dining Room, which is a historical sight itself. Most shops in the Marketplace are open Mon-Sat 10-9 and Sun 12-6.

I have never let schooling interfere with my education.

— Mark Twain

The **Paul Revere House** (19 North Square in the North End; 523-1676; MBTA: Haymarket), built in 1676 and now restored to its original appearance, is the oldest dwelling in Boston. Hours: Daily 9:30-5:30. Admission: 75¢.

The **U.S.S. Constitution** (426-1812; MBTA: Haymarket, then take the #92 or #93 bus to Charlestown City Square) is the world's oldest warship. It is on the Freedom Trail but located in the Charlestown Navy Yard. Hours: 9:30-3:50 daily. Admission: Tours of the ship are free. Also in the Navy Yard is the U.S.S. Constitution Museum, which does have a $2.00 admission fee.

Bunker Hill Monument (242-5641; MBTA: Community College on the Orange line) is at the end of the Freedom Trail. The 221-foot landmark is free to anyone interested in climbing 294 stairs. It offers a great view of Charlestown, Boston, the Harbour, and the rivers. Admission (to the adjacent museum): $1.50.

The **Black Heritage Trail** is another do-it-yourself walking tour of Boston. This one explores the history of Boston's black community. The tour starts at the Museum of Afro-American History on Smith Court of Joy Street on Beacon Hill at Dudley Station. Get a map from the Museum (445-7400) or from the National Park Service Visitors' Center.

The newest walking tour of Boston is the **Harborwalk.** It is similar to the Freedom Trail, but the Harborwalk follows blue triangles and focuses on the city's maritime past. It begins at the Old State House and ends at the Boston Tea Party Ship. Free maps are available at the Boston Common Kiosk or the National Park Service next to the Old State House.

If it's a view you're looking for and not a tour, climb a building. MIT's Green Building isn't the only tall building with a view. The 25-story old **Custom House Tower** (223-6597) is a nice place to view the Harbor and islands. This was once the tallest building in Boston, but with buildings getting taller and taller, there are now some obstructions to what used to be the best view in Boston. It is still free open Mon-Fri 9-12, 1-3. (MBTA: Aquarium). **Prudential Tower** or "the Pru" (800 Boylston; 236-3318; MBTA: Prudential) is 52 stories of glass and steel. For $2.00 you can get a 360° panoramic view from the 50th floor observation deck. With pay telescopes, you can see New Hampshire and the White Mountains on a clear day. Hours: Mon-Thurs 9am-11pm, Fri-Sat 9am-mid, Sun 10am-11pm. Several blocks away at Copley Square is the **John Hancock Observatory** (247-1977; MBTA: Copley) — New England's tallest building. After winning national attention for losing nearly all of its huge windows, the building has been entirely reglazed in mirror glass at the cost of $5 million. Hours: Mon-Sat 9am-11pm, Sun (May-Oct) 10am-11pm, (Nov-April) 12-11pm.

Other Areas Worth Touring:

Just west of the Common, across Charles Street, is the 24 acre **Public Garden.** Here, visitors will find many labelled trees, rare flowers, lots of birds, and a pond. In the summer, for 50¢, you can ride on the swan boats in the pond. It's a wonderfully romantic way to be silly. In the winter, bring your skates and enjoy some outdoor skating.

The **City Hall** at Government Center (725-3914; MBTA: Government Center) in the heart of Boston is an unusual and striking architectural creation. Tours are given weekdays, but be sure to call for a time.

The **Christian Science Center,** just southwest of the Prudential, is a collection of modern buildings associated with the "Mother Church" of this religious group as well as the central offices of the world-famous *Christian Science Monitor.* Tours of the buildings are given when they are not in use, and the reception given to non-members is low-key and friendly. Of special note are the Mapparium, a huge stained glass globe which allows you to view things "from the center of the earth," and the Sunday School, an unusual architectural work. The **Christian Science Center** is just a walk down Mass. Ave. at Mass. Ave. and Huntington. Call 262-2300 for information and hours.

Copley Place (MBTA: Copley) just opened last year. It is a beautiful mall complete with marble floors, a waterfall, and stores that are too expensive for anything but browsing (Nieman-Marcus, Tiffany, Godiva Chocolate just to name a few.)

Back Bay was once a swamp sewage trap filled in over 100 years ago to produce 580 acres of residential area. The broad, straight avenues actually have some order (alphabetical) over here!! The **Back Bay Fens** (near Fenway Park, Simmons College, the Museum of Fine Arts) is a nice park with ducks to feed (and very polluted water). There are also some Victory Gardens left over from World War II, which are still maintained by private citizens. Boylston Street has many boutiques and other stores, and Newbury Street is a quiet and shaded avenue with art galleries. Commonwealth Avenue between Mass. Ave. and the Public Garden is a divided roadway with a shaded mall down the middle. The Boston bank of the Charles River is great for picnics and sunbathing. The tree-lined **Esplanade,** a long string of linear islands, is great for walking trips and relaxation. During the summer, the Boston Pops and other groups give concerts from the Hatch Shell there.

Slightly further west, at the intersection of Beacon Street, Comm. Ave., Brookline Ave., and three other streets is the driver's nightmare called **Kenmore Square.** It is built up and is becoming more so, with shops ranging from hamburger joints to boutiques and nightclubs. It's a nice place to visit on foot if you like watching crowds of people, and especially if you like watching drivers have hysterics.

Yes, Boston has a **Chinatown,** America's third largest. It is located between Beach, Harrison, Tyler, and Hudson, and it's a great place to eat or visit.

And, here in Cambridge . . .

Harvard Square has the most visual appeal for a walking tour, with huge crowds of all descriptions, a tremendous variety of stores, and politicizers of all (and we do mean all) types looking for your support. The architecture around Harvard is pretty interesting too, ranging from staid Colonial to futuristic. The banks of the Charles are pretty pleasant here, with a lower pollution level than around MIT and big grassy areas on either side.

Tour **Harvard** yourself or pretend to be a prefrosh and take a structured tour from the Holyoke Information Center, 1350 Mass. Ave. (495-1573).

Also visit the **Cambridge Common,** between Harvard and Radcliffe. Washington took control of the Continental Army here in 1775. There are often free impromptu concerts on the **Cambridge Common** between Harvard and Radcliffe. During the summer, concerts are sometimes held there Sunday at 2 pm.

NOTE: A word of caution regarding walking tours. Boston is a big American city and therefore has some dangerous neighborhoods. Roxbury, Mattapan, Charlestown, South Boston, part of Dorchester and the South End, and the areas around Northeastern University (south of Symphony Hall) at night are bad places for anybody to be. The North End of Boston is dangerous for blacks and freaks after dark. Certain sections of Cambridge are also pretty grubby, though not so bad as some of the preceding areas. *Don't* go wandering off into unknown neighborhoods unless you know what you are doing. This warning applies especially to foreign students and staff who may not be used to the concept of dangerous neighborhoods in a city.

There are many bus and boat tours of Boston which are good for orientation, fun, and when parents come to town. See the Yellow Pages under "Sightseeing Tours" for more information.

The Boston State House is the Hub of the solar system. You couldn't pry that out of a man if you had the tire of all creation straightened out for a crowbar.
— Oliver Wendell Holmes

Museums and Exhibitions

Boston is richly endowed with museums. One of the most comprehensive museums is the **Museum of Fine Arts** (465 Huntington Ave., Boston, by the Fenway; MBTA: Arborway Green Line). This museum boasts one of the finest collections of Oriental art in the Western world, excellent selections of Mediterranean and Renaissance art, and some fine French impressionistic works. The museum also has impressive collections of American art, notably the works of Winslow Homer and colonial artists. It even has a reconstructed Byzantine chapel with uncomfortable pews in which one can sit and hear recorded Gregorian chants. There are often special showings, for which you must pay extra, of selected classical and contemporary artists in some of the more secluded galleries. This museum is worth repeated and thorough trips. The suggested procedure is to choose some small area and examine it at leisure and then shift to others on succeeding trips. Hours: Tues-Sun 10-5, Wed 10-10. Admission: free with an MIT student ID; for others: $3.50, free Sat till noon. Recorded information is available at 267-9377 (ANS-WERS), or try 267-9300, x445 for more information.

The **Isabella Stewart Gardner Museum** (280 The Fenway, one block from MFA, 566-1401; MBTA: Brigham Circle) is patterned after a sixteenth-century Venetian palace. It was once the home of the flamboyant Mrs. Jack Gardner and is stocked with her collection of nearly 200 pieces of Renaissance Italian art, with a scattering of items from other lands and periods. The artworks are placed in strange combinations and juxtapositions and are often poorly-illuminated — her will stipulated that *nothing* be changed. The collection includes paintings, sculpture, tapestries, textiles, furniture,

ceramics, and rare books and manuscripts. There is a beautiful indoor garden growing all year at the core of the building. An excellent series of chamber music concerts is given Tuesdays at 6 pm, Thursdays at noon and Sundays at 3 pm. Museum hours: Wed-Sun 12-5, Tues 2-9. A contribution of $1.00 is requested. Call 734-1359 for recorded information on upcoming concert programs.

The Institute of Contemporary Art (955 Boylston St., Boston, 266-5151; MBTA: Auditorium) sponsors exhibitions by contemporary artists, lectures and special events like children's art shows. Hours: Tue, Thu, Fri 11-7; Wed 11-8, Sat 11-6, Sun 12-6. Admission: $2.00, $1.00 for students, free Wed.

Science proceeds more by what it has learned to ignore than by what it takes into account.

—Galileo

The **Museum of Science** (Science Park, on the Charles River Dam between East Cambridge and Boston, 742-6088; MBTA: Science Park) exhibits objects of a scientific bent, notably a step-by-step model of an appendectomy, a beehive, an alcohol cloud chamber, and strobe displays. Recently opened is the Theater of Electricity, containing two megavolt Van de Graaf generators. The renowned **Hayden Planetarium** is also part of the museum. Hours: Tues-Thurs 9-4, Fri 9-10, Sat-Sun 10-5, closed Mondays except holidays. Admission: $5.00 for adults, $4.00 for students and for those under 16 or over 65, free for those under 5, half-price Friday nights after 5. Free at all times with MIT Student ID. For planetarium star shows, add 50¢; admission to laser light shows (Fri, Sat, Sun) is $4.00. For light show info call 367-6560. The museum is always looking for student volunteers — for more information call 723-2500. It also has a Red Cross blood center; free museum admission is offered in exchange for a pint, but call ahead for donation times.

The **New England Aquarium** (State St. at Atlantic Ave., on the waterfront in Boston, 742-8870; MBTA: Aquarium) has impressive marine exhibits, including an enormous cylindrical tank with glass walls 2½" thick in which sharks, groupers, sea turtles, and other large marine life live together, calmly ignoring the stares of visitors. Hours: weekdays 9-5; Friday 9-9; Sat, Sun, and holidays 9-6. Admission: $5.00 for adults, $4.00 for students with ID, and $4.00 on Fridays from 4:30-9. Dolphin/sea lion show daily. Group rates offered.

Following the milk bottle shaped signs downtown should bring you to the forty-foot Hood Milk Bottle (where you can buy ice cream and frogurt) and to **Museum Wharf** (300 Congress St., Boston, 426-8855; MBTA: South Station), the home of a rather unusual museum. **The Children's Museum** is designed to let children 2-12 learn about the world around them through "hands-on" experience. Here, the curious can learn about other people in other cultures, wildlife inside and outside the city, and even (gasp!) computers. Hours: Mon-Thurs & Sat-Sun 10-5, Fri 10-9. Admission: adults $4.00, children $3.00, Fri night free.

The **Boston Tea Party Ship Museum** (Congress Street Bridge; 338-1773; MBTA: South Station or via the free Tea Party Courtesy Shuttle from the Old State House) is a full-sized working replica of the Beaver II, one of the ships raided by the colonial "Indians" in the protest against British taxes. Hours: 9-dusk. Admission: $2.25.

At the **Bunker Hill Pavilion** (55 Constitution Road, Charlestown; 241-7575; on the Freedom Trail), the Battle of Bunker Hill is recreated through sight, sound, and other theatrical effects. Hours: 9:30-4. Admission: adults, $1.50; students, $1.

Across the BU Bridge, and very near the ZBT fraternity is the **John F. Kennedy Birthplace** (83 Beals St.; MBTA: Coolidge Corner). This restored house should send just about everyone's family through oceans of nostalgia. If you wish to learn more about the Kennedy family, however, the JFK library is out in Dorchester. Call either 929-4523 or 925-4567 for current information.

Harvard University has six museums in Cambridge. The first four are part of the same complex, which has an admission charge of $1.50. Following are brief descriptions, which in no way do justice to the museums. All are fascinating and merit repeated visits.

1. **Peabody Museum of Archaeology and Ecology** (Oxford St. and Divinity Ave., 495-2248) is an anthropological museum with many Indian artifacts. Hours: Mon-Sat 9-4:30, Sun 1-4:30.
2. **Geological Museum** (495-1910) offers mineral exhibitions.
3. **Botanical Museum** (495-2326) features a renowned display of glass flowers.
4. **Museum of Comparative Zoology** (495-2463; Agassiz) features dinosaurs and stuffed animals.
5. **The Busch-Reisinger Museum** (29 Kirkland St., 495-2378), a reconstructed Gothic cathedral, displays medieval German art. Organ recitals are at 12:15 on Thursdays during the school year. Hours: Mon-Sat 9-4:45. Admission: free.
6. **The Fogg Art Museum** (32 Quincy St., 495-2387), built in the style of an Italian palace, houses Harvard's extensive permanent art collection in addition to a wealth of temporary exhibits. Hours: Mon-Sat 9-5, Sun 2-5. Admission: free.

The **Carpenter Visual Arts Center** at Harvard is the only building in North America designed by Le Corbusier. It usually contains art exhibits. You can often watch artists at work, too.

You will probably need a car to get to the **De Cordova** (259-8355) in Lincoln. The trip is worthwhile; the museum is in a beautifully remodeled house set among 30 acres of parkland. It presents lectures, exhibitions by local artists, classes, films and other educational activities. Hours: Tues, Thu, Fri 10-5, Wed 10-9:30, Sat 12-5, Sun 1:30-6. Admission: $1.50 for adults, 50¢ for those under 21, Wed eves free; there is an additional charge for the concerts on Sunday.

The **Trailside Museum** (1904 Canton Ave., Milton, 333-0690) in the Blue Hills Reservation is also worth visiting. Hours: Tues-Sun 10-5, Admission: adults, $1.00; children under 12, 50¢. Live animals native to New England can be seen. While you're there, climb to the top of Big Blue Hill for an excellent view of Boston. Milton can be reached by bus.

The **Arnold Arboretum** (junction of Jamaicaway, Rte. 1 and the Arborway, 524-1717; MBTA: Forest Hills) is a beautiful 265-acre park filled with over 6000 labeled varieties of trees, vines, and flowers. "No bicycling or picnicking," just walking. Hours: sunrise to sunset. Admission: free.

The **Franklin Park Zoo** (Blue Hill Ave. & Columbia Rd., Dorchester; MBTA: Green St., then #16 or #29 bus) is filled with hundreds of animals and birds, and thousands of happy children every day. The **Children's Zoo** (442-2216), also in Franklin Park, allows children to mix with and feed small, tame animals. The entire zoo complex is being renovated. The area is dangerous at night but reasonably safe during daylight. Hours: Daily April-Oct 10-5. Admission: adults $1, children 50¢. Call 442-0991 for recorded information.

At MIT there are several museums. **Hayden Gallery** (in Building 14) houses temporary exhibitions of works by contemporary artists, often including MIT talent. The **Hart Nautical Museum** (Building 5) houses detailed wooden models of ships and pictorial reports on advances in ocean engineering. The **Creative Photography Galleries** (in the Armory) exhibit the works of contemporary photographers. The hallways on the first floor of the main complex have displays, often incorporating a high degree of technical and artistic talent, relating to MIT's programs and environment. Hallways on higher floors and those in out-of-the-way places show interesting aspects of work done in their respective regions. For instance, the fourth floor of Building 4 outside of Doc Edgerton's strobe lab is full of strobe photographs. Other places to see are the MIT Historical Collections (N52, x3-4444), the Compton Gallery (Building 10), and the exhibits at the Faculty Club (E52, sixth floor).

Lastly, there are the contemporary art galleries on Newbury St. in Boston, some of them traditional and some very avant-garde. They are fun to visit and may even tempt you to buy something. For rather complete listings of galleries in the Boston area, try *The Boston Phoenix.*

Theatre

Boston and vicinity is an exciting place for theatre, whether you go in for traditional Broadway fare at the palatial, carved-and-gilded Colonial or for Stage One's wildly experimental style in a theatre that (for some shows) seats only twenty-five. What follows is a partial listing of theatres around the area. For more complete listings, check the *Boston Phoenix/BAD.* Bulletin boards, especially those in the basement of Kresge near the office of the Director of Drama, are also good places to look.

Tomorrow night I appear for the first time before a Boston audience — 4000 critics.
— Mark Twain

The **Schubert** (265 Tremont St., Boston, 426-4520), the **Wilbur** (246 Tremont St., Boston, 423-4008), and the **Colonial** (106 Boylston St., Boston, 426-9366) are the three large Broadway-style theatre houses in Boston. They often preview Broadway plays, so you can see a new hit with the original Broadway cast. Then again, you could see a real bomb, but that's the risk you take with any performance. Popular Broadway musicals are performed at the **Metropolitan Center** (268 Tremont St., Boston, 482-9393).

Boston Shakespeare Company (52 Botolph St., 267-5600) is a repertory company that has gained much popularity for its lively and ingenious interpretations of Shakespeare. Tickets are usually between $6 and $9.50.

The **Lyric Stage** (54 Charles St., Boston, 742-8703) is a small group that has been putting on high quality performances. They specialize in classic plays by such authors as Ibsen, Pinter, and Williams. Take note of their interesting arrangements for intermission. Price range is $5.50-$8.00.

The **Boston Center for the Arts** (539 Tremont St., Boston, 426-5000) has a repertory company, the **Ehrlich Theatre Co.,** that performs plays and musicals. The Center is also the home of the **City Stage Co.,** the **Just Around the Corner Co.,** and the **Mirage Mime Co.**

The **Charles Playhouse** (76 Warrenton St., Boston, 426-5225) offers a broad range of contemporary and classical drama. Tickets prices run from $7.50 to $14.

Tickets for theater events may be purchased in advance by mail or in person at the box office. Some theaters will take a phone charge if you have a credit card. Concert Charge 426-8181 is a good number to call to charge most major theater events. Theater tickets may also be bought at a ticket agency such as Out of Town Ticket Agency at the Out of Town Newsstand in Harvard Square, 492-1900. Tickets at half-price for same day performances can be obtained at BOSTIX in the Faneuil Hall Marketplace, 723-5181. Full price tickets for future dates can be obtained here as well. Open Mon-Sat 11am-6pm, Sun noon-6.

Collegiate groups are also responsible for much theatre around Boston, **MIT Dramashop** (W16-018, x3-2908) does all sorts of straight drama from experimental one-acts to professionally designed and directed full scale productions. The **MIT Musical Theatre Guild** (W20-453, x3-6294) puts on (surprise!) musicals of all sorts, including the annual *Tech Show,* written by MIT students. The **MIT Community Players** also put on an assortment of types of drama, while **The Shakespeare Ensemble at MIT** specializes in scenes and plays by Shakespeare. The foremost group outside of MIT is Harvard's **Loeb Drama Center** (64 Brattle St., Cambridge, 864-2630). These productions are usually of high quality, and the theatre also hosts touring companies from New York, such as La Mama, and beyond, such as Theatre de L'Obelisque from France. There are also occasional plays at most of the Harvard houses and at Agassiz Theatre in Radcliffe Yard. Other excellent groups among the colleges include the **Spingold Arts Center** at Brandeis University in Waltham (894-4343), the **BU Theatre** (264 Huntington Ave., Boston, 353-3392), and the **Tufts Arena Theatre** in Medford (381-3493). Wellesley also has several theatre groups worth investigating.

Many of the smaller theaters and most of the collegiate groups offer chances for involvement both onstage and backstage. The bulletin boards in Kresge have notices of upcoming shows and tryouts as well as courses and scholarships. Robert Scanlan of the Humanities Department is a good person to talk with about theatre in the area.

No pleasure endures unseasoned by variety.

— Pubilus Syrus

Film

Most popular films at MIT are presented by the **Lecture Series Committee** (LSC, W20-469, x3-3791), which also sponsors lectures by famous personalities from time to time. An entertainment series featuring recent films is shown in 26-100, Kresge, or 10-250 on Fridays, Saturdays and Sundays; admission requires an MIT or Wellesley ID. Admission is $1 for all movies; schedules may be picked up at the Information Office (7-121) or at LSC. Call dl9179 for a recording about upcoming movies. You can also buy an LSC Superticket which entitles you (with guests) to a total of 20 admissions during the year. It isn't any cheaper, but it saves you the waiting in the long ticket lines.

At MIT there are several groups which put on films. The **MIT Film Society** presents experimental and classical works. The **Humanities Department** has free films that are related to class discussions but often excellent in their own right. (Get schedules from Course XXI headquarters.) The international student organizations often show the better films from their native lands. MIT showings are usually announced on the bulletin boards and in *Tech Talk*.

The Student Center Committee runs the **Midnight Movie Series** on some Saturday nights at midnight in the Sala de Puerto Rico in the Student Center. These movies are free with an MIT or Wellesley ID. Schedules are available at the SCC office (W20-347) at the start of each term.

Whoever thinks of going to bed before twelve o'clock is a scoundrel.

— Samuel Johnson

Commercial movie houses cover the entire spectrum. During afternoon performances, prices can be as cheap as one buck; and if you make the mistake of attending an evening performance at the Sack 57, on the other hand, they'll milk you for $4.50. Check newspapers for listings.

Suggestive for mature audiences only.

— Movie marquee

Music

To do is to be. — *J. Sartre*
To be is to do. — *E. Kant*
Do be do be do. — *F. Sinatra*

Classical

Boston is a great city for music. Call Concertline (353-3810) for information on classical concerts. In the classical field, the foremost performing organization is the **Boston Symphony Orchestra** (BSO), undeniably one of the world's finest orchestras. The music director is Seiji Ozawa. A favorite of Boston audiences, he is great fun to watch as well as listen to. Other outstanding conductors like Colin Davis and Klaus Tennstedt make frequent guest appearances.

Concerts are given in the acoustically near-perfect Symphony Hall (corner of Mass. Ave. and Huntington Ave., Boston; MBTA: #1 Bus to Symphony Hall) on Friday afternoons, Saturday nights, and assorted Tuesday and Thursday nights. They are divided into several series, which are sold on a subscription basis at Symphony Hall. There is also a set of eight open rehearsals. These feature unreserved seating, informal dress, a half hour lecture on the works to be performed, and a run-through and rehearsal of the coming Friday-Saturday pair's program. The rehearsal subscription series is one of the most popular and is usually sold out by early fall.

Tickets can be acquired in many ways. First, you can buy a subscription for a series at Symphony Hall. This is a good buy, with a guaranteed location and renewal rights, if you know you'll be free and interested in going to all the concerts (or you can sell the extra ones). For single tickets (that is, any number of seats for a single concert) you can try the Symphony Hall box office (266-1492) four weeks in advance. They often have seats for sale for weeknight series, but they are at full marked price. **TCA** (W20-450, x3-4885) occasionally gets singles given to it by MIT community members who can't use their subscription seats on a given night — check with **TCA** and look on the music library bulletin board. Also, try the box office a few hours before a performance — subscription holders unable to attend often turn their tickets in for resale at the last minute. This is often the easiest way to get tickets. They are sold at full price. Symhony Hall also offers single tickets cheaply through "rush seats": 150 tickets are put on sale for $3.00 two hours or so before the concert time on Friday or Saturday. (For a popular concert, get there very early.)

The BSO minus its first-chair players performs "light" classics and popular music as the **Boston Pops Orchestra** from mid-April through mid-July. The new director of the Pops is John Williams. Pops programs are long streamers which can sometimes be found around MIT. The seats on the floor of Symphony Hall are replaced by tables and the suit-and-tie patrons by noisy champagne drinkers, but it's all in the Pops' style. If you go, try to sit in the second balcony in order to avoid the noise from the floor. "Tech Night at the Pops" is generally attended by alumni, and tickets are available through the Alumni Asociation. You, too, can sing "Arise Ye Sons of MIT" to the strains of the Boston Pops!

Musick is the thing of the world I love most.

— Samuel Pepys

First-chair players of the BSO comprise the **BSO Chamber Players.** They give several concerts a year in Sanders Theatre. Information can be obtained through Symphony Hall. Tickets can be obtained through subscription from Symphony Hall only. This chamber ensemble is one of the very best around.

The other professional orchestra in town is the **Boston Classical Orchestra.** Conducted by F. John Adams, this chamber Orchestra performs primarily 18th century works. The three yearly concerts are performed in Faneuil Hall. Call 426-2387 for more information about concerts, dates and prices.

There are two professional operatic companies that perform in Boston. The (New York) **Metropolitan Opera** usually comes here in June on its annual tour, with a general sampling of its justly famed star singers. It performs in the Metropolitan Center. Good seats are exceedingly difficult to come by; most go to patrons and subscribers.

The **Opera Company of Boston** (539 Washington St., 426-2786) is a local company run by Sarah Caldwell. It features both local and out-of-town top-notch performers. Sarah Caldwell is excellent at directing and producing operas, and the final product is always outstanding. Performances are held at the newly renovated Savoy Theatre, and tickets are regrettably expensive. The best way to get tickets is through a series subscription; tickets bought singly are 25% more expensive and are available only two weeks before a performance. For impoverished students willing to wait until the last moment, rush tickets (assuming there are still seats left) go on sale half an hour before performances.

Boston probably has more good choral music than anywhere else in the country. The **Handel and Haydn Society,** which has been around since the early 1800's, gives six performances a year. The highlight of its season is its annual performance of Handel's *Messiah* in Symphony Hall at Christmastime. Thomas Dunn, the music director of the society, is an expert on proper musical style, and each year the Society reproduces an actual performance of Handel's as exactly as possible. They tend toward an unusual choral and orchestral repertoire. (The name is narrower than the Society.) The only sour note is the outrageous price of tickets. For ticket information call 266-3605.

Less well known, but no less fine, are the **Cantata Singers** (282-3748) and the **Cecilia Society** (232-4540). The Cantata Singers primarily perform Baroque works although they occasionally include contemporary pieces. The Cecilia Society has a broader repertoire. Both groups perform at Sanders Theatre.

The **Boston Camerata,** directed by Joel Cohen, is Boston's superb early music chamber group. They perform four times a year at Sanders Theater and Jordan Hall.

That man is he richest whose pleasures are cheapest.

— Thoreau

The next item is too diversified to fit into any one category. It is the **Boston University Celebrity Series,** which brings dozens of superb artists to Boston, to perform in Symphony Hall, Jordan Hall, and, occasionally, other places. Check the flyer, which is available in the Music Library. Tickets can be bought on a subscription basis from the BU Celebrity Series (31 St. James Ave., Boston, 482-2595) or individually from the concert halls involved.

Another outstanding guest artist series is sponsored by **Boston Concert Artists Management** (22 Seneca Rd., Winchester, 731-9786). Performances are held at Symphony Hall or Mechanics Hall in Worcester.

The **Peabody-Mason Music Foundation** brings guest artists to Sanders for six concerts; tickets are free. (Funding came from Mrs. Mason's bequest.) To get one, you have to write a letter postmarked no earlier than one month before the concert, enclose a stamped, self-addressed envelope, and mail it to the Peabody-Mason Music Foundation, P.O. Box 153, Back Bay Annex, Boston 02117. Send your request (no more than 2 tickets per person) very soon after the one month limit as tickets go very quickly. A wide variety of chamber works is presented. A schedule can generally be found in the Music Library.

Boston has a resident ballet group. **The Boston Ballet** (553 Tremont St., 542-3945). The season runs from November to May and often features outstanding guest dancers.

Local schools of music often present recitals by students and staff which can be excellent and are usually free of charge. **The New England Conservatory** (290 Huntington Ave., Boston, 262-1120) publishes a monthly listing of performances there. Of special note are that school's symphony orchestra, chorus, and ragtime ensemble. Also try the **Berklee College of Music** (1140 Boylston St., Boston, 266-7455) and the **Longy School of Music** (1 Follen St., Cambridge, 876-0956).

Within MIT itself there are several sources of music. The Humanities Department sponsors free noon-hour chamber music concerts on Thursdays in the Chapel. Periodically (usually on Fridays at noon) there are concerts in the Building 7 Lobby. The Music Department sponsors a series of evening concerts throughout the year, and the concerts are generally free and open to the public.

Of special interest are the following groups that not only provide excellent performances throughout the year but also offer the opportunity to participate. The **MIT Symphony Orchestra** is open to MIT and Wellesley students and alumni. Its repertoire combines standard classical works with a significant amount of contemporary music. This highly acclaimed college ensemble augments its Cambridge season with a spring tour. The **MIT Concert Band** is open to the entire MIT community. Performances include specially commissioned works. The **Concert Jazz Band** and **Festival Jazz Ensemble** are open to the entire MIT community, and perform works by young Boston area musicians. The **Choral Society** is a mixed chorus open to the entire MIT community and new members are always welcome. The **MIT Chamber Music Society** is also open to all members of the MIT community. This group provides coaching by music faculty and staff for all kinds of chamber ensembles. Groups whose work leads to performance can receive undergraduate seminar credit. The Society sponsors monthly concerts in the Music Library, as well as an evening series in Kresge Auditorium. Other musical groups include the **MIT Brass Ensemble,** the **Chorallaries,** the **Logarhythms,** and the **Gospel Choir.**

Membership in the above groups is by audition, usually held early in September. For more information call the **Kresge Music Office,** x3-2906. The best places to find out about performances given by these groups are the kiosks and bulletin boards around the Institute, or check the listings in *Tech Talk* and the calendar put out by the **Council for the Arts.**

The real thing is also an approximation of the real thing.

— Prof. King

For most of the above events there are standard sources of information that can be checked regularly. The **MIT Music Library** maintains a bulletin board with concert announcements, and the music department has one on the second floor of Bldg. 14. There are concert listings in several papers, especially *The Boston Phoenix/B.A.D.*, the *Boston Sunday Globe,* and the *Calendar* section of the Thursday *Globe.* Also check the *WCRB Guide* (recommended for people who like classical music) and *Boston Review of the Arts.* The Symphony Hall box office is the place to call for information on all events at the Hall, including BSO concerts. Jordan Hall (536-2412) is the location of New England Conservatory concerts and of other events.

During the summer there are performances by various groups on many of the city's parks and along the Esplanade in the Hatch Shell. The **Boston Pops Esplanade Orchestra** plays free here during the first two weeks of July, but crowds can be very large. The BSO moves to Tanglewood in western Mass. for the summer. For information call 266-1492.

And now, Doctor, we've done our work, so now it's time we have some play. A sandwich and a cup of coffee, and then off to violin land, where all is sweetness and delicacy, and harmony, and there are no professors of calculus to vex us with their conundrums.

— Sherlock Holmes

Folk

The center of the Boston folk scene is **Passim** (47 Palmer St., Harvard Sq.), which attracts nationally famous performers and charges $3 to $5 depending on the performer and the night. The **Joy of Movement Center** (Odd Fellows Hall, 536 Mass. Ave., Central Sq.) has weekly folk concerts on Friday or Saturday nights that are well worth the donation ($3) requested. **Nameless Coffeehouse** (3 Church St., Harvard Sq.) is free, and always jammed to the gills. The quality of performers is quite varied. **Sword and the Stone** (15 Charles St., Boston) is Boston's oldest folk club and frequently features jazz and pop artists as well as folk. Two Cambridge bars are famous for the musicians they attract: **Club Zircon** (289 Beacon St., Somerville) and **The Plough and Stars** (912 Mass. Ave., Harvard Sq.). The Plough and Stars is an Irish pub with Irish music on traditional instruments and occasional folk and blues. Club Zircon's special night is Monday, when everyone joins in an open sing. **Jonathan Swifts** (30 JFK St., Harvard Sq.) sometimes books top folk performers in addition to its staple of rock and jazz.

The **Student Center Committee** sponsors the **Mezz Coffeehouse** about every other Saturday Night 9-12, featuring MIT talent and free donuts and cider. If you would like to perform, contact the SCC (W20-347, x3-3916). The **Baker House Pub,** open erratically (usually once a term), also features MIT folkies. Talk to the Baker House social chairman for information. Other colleges, notably Harvard, also sponsor folk concerts which can be quite rewarding.

Boston Area Friends of Bluegrass and Old-Time Country Music (BAF) holds concerts and runs bluegrass and country music festivals. You can get on their mailing list by sending $1 to BAF, 36 Lancaster St., Cambridge, MA 02140. **Living Folk Records and Concerts** (65 Mt. Auburn St., Cambridge) distributes announcements of their upcoming concerts free on request.

To spend too much time in one's studies is sloth.

— Bacon

Rock

Rock music is all over — sometimes at coffeehouses but more commonly at regular concerts. Boston's huge college population is constantly pulling in the top performing and recording groups, and you need only to keep your eyes open to find announcements. *Rolling Stone* magazine tells about upcoming events and concerts also.

For tickets, check either directly at the **Boston Garden** (227-3200), the **Worcester Centrum** (1-798-8888), the **Orpheum** (Washington St., Boston, 482-0650), the **Paradise** (969 Comm. Ave., Boston, 254-2052), the **Palladium,** or at **Out of Town Ticket Agencies** like the one in Harvard Square (492-1900). Agencies sell tickets to shows at most locations with a $1.50 service charge. Other agencies include: **Strawberries** (750 Memorial Dr., Harvard Sq., 492-7850; 30 JFK St., Cambridge, 354-6232; 709 Boylston St., Boston, 266-1444); **Hub Ticket Agency** (240 Tremont St., Boston, 426-8340); **Tyson Ticket Agency** (226 Tremont St., Boston, 426-2662); **Concourse Ticket Agency** (South Station, Boston, 542-3905); **Elsie's Ticket Agency** (645 Beacon St., 424-1300); **Concert Charge** (426-8181); and **Ticketron** (542-5492) such as the one in the Church St. Theater in Harvard Square.

Bars, Clubs, and Dancing

Ahmed's Discotheque (96 Winthrop St., Harvard Sq., 876-5200) Subterranean discotheque. Belly dancing on Wednesdays. Cover varies. French/Moroccan food is also served before 10 pm.

The Ark (835 Beacon St., Boston, 247-9545) Inexpensive and loud. Most of the patrons are non-MIT college students. Cover: $2 Tue-Sat.

Buddies (733 Boylston St., Boston, 262-2480) Gay disco and lounge. Cover $1-2.

Bunratty's (186 Harvard St., Brighton, 254-9804; MBTA: off Comm. Ave., Greenline) Live bands nightly. Large dance floor. Variable cover to $4.

Casablanca (40 Brattle St., Harvard Sq., 876-0999) Live jazz Tue through Thurs. No cover.

Cask & Flagon (62 Brookline Ave., Boston, 536-4840; MBTA: Kenmore and 335A Huntington Ave., Boston near Northeastern, 266-1705) Rock music, college crowd, dancing. Friday happy hour. Usually no cover.

Celebration (Kenmore Sq., Boston, 536-1950) Pickup bar. College crowd. Crowded on weekends. $5 cover. Age min, 19. Recorded music with DJ.

The Channel (25 Necco St., Boston near South Station, 451-1905) Live new wave, reggae, and rock nightly. Cover varies.

Crossroads (405 Beacon St., Boston, 262-7371) Just over the Harvard Bridge. Food and/or drinks. No cover.

Father's Fore (300 Mass. Ave., Cambridge; also Father's Five, corner Mass. Ave., & Marlborough, Boston) Very convenient to MIT and inexpensive. Student crowd. No cover.

Gatsby's (300 Boylston Park Sq., Boston, 536-2626) Small casual pub. No cover.

Inn Square Men's Bar (1350 Cambridge St., Cambridge, 491-9672) Located in Inman Square, #91 Bus from Central Square or 5 minute walk on Prospect Street. Live rock, new wave, blues, funk, jazz and punk every night — mostly local. Cover $2-4.

Jacks (952 Mass. Ave., Cambridge, 491-7800) Located between Central Sq. and Harvard. Music from rock to country, reggae and blues. Cover varies. College and singles crowd. Happy hours 4:30-8.

Jason's (131 Clarendon St., Boston, 262-9000) Restaurant and disco. Piano bar, dress code. No cover.

Jasper's (379 Somerville Ave., Somerville near Union Sq., 625-4975) #91 bus from Central Square. Good live music. New wave and rock. Dancing. Cover varies.

Jonathan Swift's (30 JFK St., Harvard Sq., 661-9887) Live music ranges from rock to reggae, blues to country. Top performers and local talent, also DJ and video. Cover varies with artists.

Metro (15 Lansdowne St., 262-2424) DJ spins new wave, punk, rock and jazz. Live National bands some nights. Huge dance floor with lasers and a 15 ft. video screen.

Mister McNasty's (88 Queensbury St. in Fenway, 536-2509) Live music. Rock. Cover varies. Free admission before 8:00.

Narcissus (Kenmore Sq., 536-1950) Latin Disco. Plus interior, good light, sound show. Cover varies. Look for college nights.

Oxford Ale House (36 Church St., Harvard Sq., 876-5353) Live rock. Very crowded.

Paradise Theater (967 Comm. Ave., Boston, 254-2052) New wave, rock, folk, blues and country every night. Tickets for some shows can be purchased in advance at Ticketron.

Pooh's Pub (414 Comm. Ave., Boston, 262-2911) New wave in Kenmore Square. DJ on weekends.

The Rat (528 Comm. Ave., Kenmore Sq., 536-2750) Some of the best new wave music in Boston. Crowded and dirty. Cheap drinks.

Spit (15 Lansdowne St., Boston, 262-2437) Yes, Virginia, there is a punk disco. Recorded and live music. Cover: $2-4.

Spinoff (145 Ipswich Rd., Boston, 437-0000) Roller skating to disco and rock. Great fun for groups.

1270 Club (1270 Boylston St., Boston, 437-1257) Highly recommended disco for gay men and women. New wave bands Wednesday nights (not a gay night). Cover $1-3.

Humanity, i love you because when you're hard up, you pawn your intelligence to buy a drink

— e. e. cummings

There is nothing which has yet been contrived by man by which so much happiness is produced as by a good tavern or inn.

— Samuel Johnson

Comedy

There are a few good comedy clubs in the area. Some have no cover or minimum — others do. Discount coupons are frequently distributed in papers and on Mass. Ave.

Backstage at the Charles Playhouse (74 Warrenton St., 542-8158) This is a small night spot which regularly features The Comedy Connection in its cabaret setting. No cover; no minimum.

The Comedy Club (823 Main Street, Cambridge, 491-7313) Features local and national acts. Varied cover charge.

Sam's Comedy Cellar, Play it Again (1314 Comm. Ave., Brookline, 232-4242) No-frills basement comedy club. Thurs. is open-mike night. Cover charge.

What do you get when you cross an elephant with a grape?
(elephant) (grape) (sin 0)

— Dan Franklin

What do you get when you cross an elephant with a mountain climber?
Nothing, a mountain climber is a scalar.

— Rick Hester from *The Last Word*

Coffeehouses

Coffeehouses are pleasant places to study, talk, and relax. Some, such as Reflections and Cafe Vendome, have music every night. Others simply have tea, cake, and a pleasant ambiance.

Algiers (Truc. Complex, Brattle St., Cambridge, 492-1557; MBTA: Harvard Sq.) Cozy basement coffeehouse, with interesting coffees. At random times, guitar pickers visit and perform for free.

Blue Parrot (123a Mt. Auburn St., Cambridge, 491-1551; MBTA: Harvard Sq.) Good food, bright cheery atmosphere, well-chosen recorded music.

Cafe Gallery (73 Dartmouth St., Boston, 247-8040; MBTA: Copley Sq.) Small neighborhood coffeehouse. Features poetry readings Wednesday, Thursday, and Friday nights. Closed Saturday night. Very friendly, comfortable atmosphere. Closes 10 pm unless the poets won't quit.

Coffee Connection (The Garage, Brattle St., 492-4881; MBTA: Harvard Sq.) Excellent coffees, stale pastries, and apathetic waitresses. Sit at the coffee bar if you want to be served. Of course, if you don't want to be bothered . . .

Greenhouse Coffeeshop (3 Brattle St., Harvard Sq., 354-3184; MBTA: Harvard Sq.) A coffeehouse in a greenhouse (What will they think of next?) No music, but a great place to go to talk.

Grendel's (89 Winthrop St., Cambridge, 491-1050; MBTA: Harvard Sq.) Quiet recorded music, good pastries and coffees. Try their pomegranate frappes. Waiters are friendly, and there are flowers on every table. Open until 1 am weekends. Pastries are half price after 10 pm weeknights.

Montana's (160 Comm. Ave., Boston, 536-3556; MBTA: Copley) Live jazz every night, terrible food, crowded on weekends.

Nameless Coffeehouse (3 Church St., Harvard Sq., 864-1630) Has folk singers and contemporary rock musicians. No cover charge. Refreshments including hot cider and cookies served at low cost.

Off the Wall (3 Pearl St., Cambridge, 354-5678) Dark and comfortable. Features short movies every night. Small cover.

Passim (47 Palmer St., Cambridge, 492-7679; MBTA: Harvard Sq.) Only barely a coffeehouse. Better classified as a folk club, it offers nightly concerts by the top local musicians and a high cover.

Piroschka (24 Dunster St., Cambridge, 354-8376; MBTA: Harvard Sq.) An attempt at a European ambiance. No music.

Sword and the Stone (15 Charles St., Boston, 523-9168; MBTA: Charles) Just over the Longfellow Bridge from Kendall Square. Features excellent folk music, but randomly has some jazz and pop as well.

Note: Check the *Boston Phoenix* for current information. Almost every college in the area has its own coffeehouse during the academic year. At MIT, the SCC Coffeehouse presents folk talent from MIT in the Student Center mezzanine lounge alternate Friday evenings. Don't neglect Harvard's coffeehouses — they can be quite good. Read *What is to be Done,* distributed on campus Thursday afternoon.

The **24 Hour Coffeehouse** (x3-7972) in the Student Center sells donuts, bagels, candy, coffee, fruit drinks, and come other items. A piano is available, and musicians are encouraged to perform at their convenience. The **Muddy Charles Pub,** operated by the GSC, is open in Walker during lunch and in the evening on weeknights. The pub serves beer, wine, and munchies. The **Thirsty Ear Pub,** run by graduate students and located in the basement of Ashdown House (Building W-1, dl9165), features a wide selection of beers (imported and domestic), munchies, music, and competitive prices. It is also available for rental to private parties. (Call for details.) Open Wed, Thurs, and Fri nights.

Pleasure is the beginning and the end of living happily.

— Epicurus

Spectator Sports

Boston has major league baseball, basketball, football, and hockey teams, along with an impressive number of collegiate, semi-professional, and special groups. For quick information about yesterday's local and national games, call the Boston Globe Score Board anytime (265-6600). For more detailed information, call the Sportsline, which is a 50¢ call (1-900-976-1313).

The **Red Sox** *specialize* in frustrated fans. They are always near the top of the American League East. They enjoy fanatic support from the Boston fans. They play at Fenway Park, which is near Kenmore Square — convenient by foot or subway, guaranteed traffic jam by auto. For more information, call 267-8661. Tickets range between $3-$8.

As a youth he once ran away with a circus — but they caught him and made him give it back.

— Anonymous

The **Celtics** have been NBA World Champions 14 times in 36 years. Coach Bill Fitch leads Larry Bird, Cedric Maxwell, Robert Parish and company. The most watched team in Boston last season, the team was sold out for **well over** three-quarters of its games. The Celts play in ancient Boston Garden, located over North Station and

easily accessible by subway. Buy your tickets early, especially if you want to see them play the Sixers, Bulls, Rockets, Lakers, Bucks, or Suns. For tickets and more info call 523-6050.

The **New England Patriots** have plenty of rude fans and feature expensive tickets. Home games are played at Schaefer Stadium in Foxboro. For information and tickets, call the club at 262-1776. Round trip fare to the stadium from South Station is around $3. Call 482-4400 for more information.

The **Boston Breakers** are Boston's spring and summer USFL team. Games are played at Nickerson field off Commonwealth Avenue at B.U. For more information, call 357-USFL.

The **Bruins'** fan support has been reduced since Bobby Orr retired. The Bruins always reach the play-offs (so does everyone else) but generally lose to Montreal or the Islanders. The Bruins, like the Celts, play in the Boston Garden. Tickets are available by mail at the beginning of the season, and at the box office starting a few weeks before the game if there are any left. Watch the papers for announcements of sales dates or call the box office at 227-3200.

The **Boston Marathon,** run each year on Patriot's Day (in mid-April), draws large numbers of both competitors and spectators. Information starts appearing in the papers months before the race. The race finishes at the Prudential Center on Boylston Street.

For women, there is the ten kilometer **Bonne Belle** road race in October on the Monday closest to Columbus Day. The race starts and finishes at the Common, and the course goes down Memorial Drive, past the MIT dorms.

The **Head of the Charles Regatta** draws crews from all over the world, including MIT. It is held the second to last Sunday in October. The race starts at the B.U. boathouse and finishes at the Cambridge Boat Club. The bridges along the river are good places to watch the race.

Other sporting events in Boston include horse racing, which draws bigger crowds than any other sport. **Suffolk Downs** racetrack (567-3900) features harness racing in the fall and flat racing in the spring. It is easily accessible by car or by MBTA as is **Wonderland,** the greyhound racing center. During the summer there is harness racing at **Foxboro,** located south of Boston on Rt. 95.

But the meat of spectator sports around Boston lies in the collegiate teams which compete in every imaginable sport, including tiddly-winks. The collegiate events which draw the greatest crowds include football at Harvard and Boston College, basketball at the same two schools, and hockey and crew races in general. This specific listing is not meant to belittle anything not mentioned, merely to point out the most obvious popular events.

After they've been exposed to MIT a few years and get into activities and athletics, a lot of them really blossom. I mean, the change is remarkable. It seems that they're a lot more normal as seniors than they were as freshmen.

— MIT grad student as quoted in
Sports Illustrated article on sports at MIT.

If God had meant Man to walk, He wouldn't have invented roller skates.

— Willie Wonka

Non-MIT Athletic Facilities

Bowling

Many Bostonians believe that bowling (they call it candlepins) consists of trying to knock down a bunch of wooden dowels with three under-sized balls.

If this is what you want, there are dozens of alleys in the area; check the Yellow Pages. If you want tenpins, it is a little harder. There is currently only one place to go nearby except the Student Center.

Sammy White's Brighton Bowl (1600 Soldiers Field Rd. Ext., Brighton, 254-0710) This place has both kinds of bowling and, on Friday and Saturday nights, an all-you-can-bowl special which can get pretty inexpensive. Generally a hangout for local kids. Easy to get to as long as you have a car.

Ice Skating Rinks

Boston Arena (238 St. Botolph St., Boston, 437-3376)

MDC Rink (Somerville Ave., Somerville, 623-3523) For information on skating rinks run by Parks and Recreation, call 725-4006.

Roller Rinks

There aren't many in the area, but **Spinoff** (145 Ipswich St., 437-0000) is a good one and an easy one to get to. They are open everyday except Mon. and Tues.

Skating outdoors can also be fun, but of course, be on the look for runners and bikers. The Esplanade, the Common, and between the river and Memorial Drive in Cambridge are all good places to skate. A number of places will rent you skates. Try **Roller Power** (85 Mt. Auburn St., Cambridge, 547-0695), or **Wheels** (270 Newbury St., 236-1566)

Outdoor Recreation

Beaches

The MDC operates **Revere** (in the north) and **Wollaston** (in the south) Beaches, which are unimpressive and cruddy but reachable by MBTA. **Nantasket** Beach is an amusement park, a watered down Coney Island. Nantasket is accessible by boat from Rowe's Wharf on Atlantic Avenue.

The more popular (and better) beaches are further along the coast, and a car is needed to reach them.

Beaches on the North Shore include the following: **Crane Beach,** off Route 1A in Ipswich, charges $5.50 per car on weekends and $2.50 on weekdays; **Wingaersheek Beach,** in Ipswich Bay, $4 on weekends; **Plum Island,** a long and beautiful beach with limited but cheaper ($1 per car) parking; **Nahant,** nice and close by but (as a consequence) often crowded, on a peninsula just north of Boston. **Caution:** The water on these North Shore beaches wouldn't melt an iceberg.

On the South Shore, **Nantasket Beach** has an amusement area, and **Duxbury Beach** is 35 miles south of Boston off Rte. 3. Further south are **Cape Cod** with infinite beaches and **Nantucket** and **Martha's Vineyard** Islands.

On **Cape Cod** there are several noteworthy peculiarities. First, the rush day for this place is Sunday, when all of Boston deposits itself on the Cape. Since the road facilities for getting on and off the Cape are limited, massive jam-ups result in the evening when everyone tries to go home simultaneously. The obvious solution is to go on a weekday, but, if that proves impossible, the rush can be avoided by starting at about 6 am and heading home no later than 2:30 pm, which takes quite a bit of willpower. Also, the best beaches in terms of water conditions are **Nauset** and **Coast Guard** on the eastern shore of the Cape. Since they, like everywhere else, quickly get crowded, you may have to walk one or two miles from the parking lot (north on Nauset, south on Coast Guard) to avoid solidly packed people. The **Cape Cod National Seashore** is undeveloped but much less crowded.

Ferries run to the islands. The best way to get around once you're on an island is by bicycle. They can be rented on the island. However, the quality of the rented bikes varies, so bringing your own is a better idea.

If you go to the beach during June or July, bring along some bug dope (insect repellent), or you will be eaten alive.

The MDC maintains public beaches for fresh-water swimming at **Upper Mystic Lake** in Winchester and **Houghton Pond** in the Blue Hills Reservation in Milton. **Walden Pond** in Concord has a public beach run by the state.

Bicycling

Biking can be dangerous. Watch out for cars and joggers as well!! If you don't have a bike already, you can rent one from a bike shop: **Boston Bicycle Shoppe** (303 Cambridge, 227-7027) for 3 speeds, day or ½ day; **Community Bike Shop** (490 Tremont St., 542-8623 and 175 Mass. Ave., 267-3763) for 3 speeds day or hour; and **Herson Cycle Co.** (1250 Cambridge St., Cambridge, 876-4000) for 3 and 10 speeds by day only. All rentals require deposits.

There are several maintained bike paths in the area. Call or write the **Department of Environmental Management,** Division of Forests and Parks, 100 Cambridge St., Boston, 727-3180 for free pamphlets of the routes.

Canoeing

There is an excellent place to canoe within reach of public transportation. The **Charles River Canoe Service** (527-9885), open mid-April through October, is near MBTA Riverside station and rents canoes on the surprisingly beautiful upper Charles River. **South Bridge Boat House** (369-9438), within walking distance of the Concord railroad station (less than an hour's ride from North Station), also rents canoes on the Sudbury River in Concord. The MIT Outing Club (W20-461, x3-2988) rents canoes and runs flat and white water trips. The **Appalachian Mountain Club** also sponsors trips and publishes a guide to canoeing in New England.

A heart full of courage and cheerfulness needs a little danger from time to time, or the world gets unbearable.

— Friedrich Nietzsche

Fishing

In order to freshwater fish, you need a license. You can get it from the **Division of Fisheries and Wildlife,** 100 Cambridge St., 727-3151, or some sporting goods stores. You may be able to get a special non-resident 7-day license. For saltwater fishing, no license is needed. Call 727-5215 for fishing information.

Hiking, Mountain Climbing, Backpacking, Etc.

New England abounds in beautiful mountains and interesting trails. The **White Mountain National Forest** in New Hampshire, the **Green Mountains** in Vermont, **Baxter State Park** and **Acadia National Park** in northern Maine are areas especially worth visiting. Although the mountains in the Northeast are small by Western standards (the highest, Mt. Washington, is 6288 ft.), they should not be belittled. Treeline is about 4500 ft., so there are many open ridges, and many of the trails are steep and rough. Severe New England weather (Mt. Washington holds a record for its 231 mph gust.) adds to the challenge. Even during the summer the weather in the mountains is violent and highly unpredictable. Take a map, compass, and adequate clothing before venturing out there.

The **Appalachian Mountain Club** (AMC, 5 Joy St., Boston, near the Common, 523-0636) maintains hiking trails and shelters throughout the Northeast. They publish maps and guidebooks to the area which are sold there, at outdoor specialty shops, and at The Coop.

The place to go for information on almost any kind of outdoor activity (hiking, backpacking, rock climbing, canoeing, bicycling, crosscountry skiing, snowshoeing, or ice climbing) is the **MIT Outing Club** (MITOC, W20-461, x3-2988). They sponsor trips, have up-to-date information and good advice, and even rent equipment to members and people on club-sponsored trips. They also have two cabins in New Hampshire (one in Intervale and one near Plymouth) that are often used for club trips and may be rented by other MIT groups. MITOC meetings are held Monday and Thursday 5-6 pm. New members are always welcome. Sign-up sheets for trips are posted on the club's bulletin board in the Infinite Corridor.

Other organizations that run trips and give beginner's classes are AMC, **Sierra Club** (373 Huron Ave., Cambridge, 869-9330), and **American Youth Hostel** (251 Harvard St., Brookline, 731-5430).

Other outdoor clubs at MIT are:

MIT Equestrian Club — (3-8031) Sponsors ride every week.

MIT Skydiving Club — Newly formed, jumps on weekends, weather permitting. See **Hobby Groups** in the **Groups** chapter.

MIT Soaring Association — (33-222, x3-2278) Free instruction to anyone in MIT community. Meets third Thursday of each month, 7:30, Student Center.

MIT Scuba and Skin Diving Club — For information, call the swimming pool (x3-4489).

For hints on buying equipment, see **Outing Equipment** under **Shopping.** It's also a very good idea to contact someone in the appropriate MIT club for advice.

Everything is sweetened by risk.

— Alexander Smith

Golf

The Boston area does not have many good public golf courses, and most are rather far from MIT. The better courses include **Brookline Municipal** (expensive unless you live in Brookline), **George Wright** in Boston and **Ponkapoag** in Canton (which has 36 holes and low greens fees). There are also a number of privately-owned courses with daily fees; these are usually more expensive but better kept. **Stowe** has 36 difficult holes and **Powderhorn** is a good par 3 course in Lexington. Direct questions about golf in the Commonwealth to the **Massachusetts Golf Association,** 190 Park Road, Weston, 891-4300.

Hacking

Hackers, in the roof and tunnel sense, specialize in knowing How To Get Around MIT. This skill is demonstrated publicly when they pull of a hack like putting a 20 foot tall plastic cow on the Great Dome. Unlike ordinary college pranks, MIT hacks show a fearless approach to technological obstacles. The other side of hacking, loosely called exploring, is not publicly visible, at least not when it's done well. The challenge of exploring is to be the first person to discover some interesting place in the Institute, or to figure out how to get to such classic spots as the Great Dome (MIT regularly improves the security around these places).

Public hacks can be divided into three categories: engineering, verbal, and theatrical. When someone sees an engineering hack, like a car hanging off the side of East Campus (1946), the first thought that comes to their mind is "how did they do it", and after a few moments of thought, "how is MIT going to undo it?". Verbal hacks can take the form of rooftop banners, wall posters, or classroom handouts. In 1979 some students in 8.02 printed a stack of fake problem sets and put them on the desk with official handouts. The problems concerned two hemispherical objects apparently copied from an issue of *Playboy*. To the hackers' surprise, the professor handed out a solution set at the next lecture. Among other things he pointed out that resistance effects cannot be ignored with such objects. As the name suggests, theatrical hacks involve acting. During an 8.02 lecture in the Spring of 1982, professor Hartley Rogers, Jr. was interrupted by a man in black brandishing a sword. No sooner had the man in black declared Rogers' doom, than a man in white appeared and vowed to defend Rogers. The two swordsmen met at the front of 26-100 and clashed swords. After a minute or two the man in black was driven out the lecture hall never to return.

Hacking is a tradition at MIT. If you want to learn more about hacks visit the MIT Museum and ask to see the folders on student pranks in the student activities file. They have several inches of photos and newspaper clippings dating back to 1910. They welcome any information about current hacks.

According to alumni, exploring dates back to at least the 1950s, though the oldest known piece of graffiti is from 1963 (inside the Little Dome). The best way to start exploring is to take an Orange or Spelunkers tour during R/O week. If you missed the tours, here are some interesting places to look for: inside the Great and Little Domes (10-900 and 7-600), above the false ceiling of 1-390, the abandoned elevator shaft in 56, E1-400, N16-400, 10-1000; for a more challenging experience try the bricked-in shower in 14S and any place "Alien" hasn't been. Off campus, the best

places to explore are the Wellesley steam tunnels, which are big enough for two people to walk side by side standing up, or the Harvard bell towers. Most of these places can be reached using just ordinary climbing skills.

Both pranks and exploring can be done individually or with existing hacking groups. The primary advantage of hacking with a group is that you don't have to re-invent the wheel. Some groups have developed efficient techniques for accomplishing their goals without leaving any traces. In particular, they know how to avoid damaging MIT property, if for no other reason than to avoid giving MIT incentive to strengthen its security measures. You can find a group of hackers in almost any living group. A few of the more notable groups and their accomplishments are listed below.

Hacking Groups

Delta Kappa Epsilon DKE is famous for the balloon hack at the November 1982 Harvard-Yale football game. That hack received more publicity than any other hack in the history of MIT. See *Technique '83* for details. DKE has tried to hack the game before, most memorably in the late 1940s when they buried explosive cord in a pattern that would spell out "MIT". Unfortunately, Harvard discovered the hack and set up a trap. They arrested several students wearing coats lined with batteries. A dean, who had been informed about the hack after the arrest, went down to bail the students out. He pointed out to the detective that the battery-lined coats were only circumstantial evidence. At this point the dean opened his own battery-lined coat and declared "all Tech men carry batteries."

Experimental Studies Group Many people in the ESG program are good at the techniques of exploring. For example, the hacker whose logo is a broken arrow was in ESG.

IHTFP Interesting Hacks To Fascinate People is a new hacking group which publishes an interesting newsletter.

Jack Florey Named after a person who once visited Fifth East (East Campus), they run the Orange tours during R/O week. They still have a couple of skilled and experienced hackers, though most of them have graduated.

James Tetazoo The Third East Traveling Zoo is based in East Campus. They were probably the best hackers during the late seventy's. During the dedication of building 66 (the triangular Chemistry building), they lowered an anchor over the bow, dropped a banner christening the "USS Tetazoo", and blasted "Anchors Aweigh" on their stereos. In exploring they were the first group to sign in under the steps of 77 Massachusetts Avenue.

Nu Delta Expert explorers. Home of Blue Goose Incorporated. Saying more is unnecessary.

Order of Random Knights ORK is a small tightly knit hacking group based in Random Hall. They are mainly an exploring group and are best known for discovering the missing half story in Building Ten. Other people in Random Hall are famous for using suspension bridge technology to hang a banner off a wooden beam that extended from their roof to the middle of Massachusetts Avenue.

Phi Kappa Theta Although they haven't done much recently, they did put a nipple on the Great Dome. To put it there, they mounted the 15 foot nipple on a car, drove it to MIT, and then pulled it up (using cables and a few studly brothers) first to the roof of 13 and then to the top of the dome. They were caught a few times before they succeeded at this engineering feat, but they persisted. To remove it, MIT had to chop the nipple into pieces small enough to be carried down by hand. A photograph of the Great Breast appeared in *Playboy*.

Senior House Like all things in Senior House, hackers there are loosely organized. ZORP (a very small group) is from Senior House.

Spelunkers Club This is an official student activity and thus is the easiest to get in touch with (see the Student Directory). During R/O week they run tours that complement the official Institute tours. They have taken field trips to an abandoned mine and to the ruins of a fort in Boston Harbor. Additional trips are planned to horizontal and vertical caves in New York and New Hampshire. Rappelling will be taught before going to the vertical caves. Because they are official, their on campus exploring is conservative.

Technology Hackers Asociation THA is a campus wide group that does both exploring and public pranks. It has been around since 1980. In May of 1982 they put a working phone booth on the Great Dome. The 300 pound booth was lifted from the eighth floor of building 10 to the dome by a crane which they assembled on top of the dome. Power (for the light) and phone cables ran down the dome. When Physical Plant went to take it down, the phone was ringing. During IAP of 1983 THA hackers set up a remote controlled device that dropped 1600 pink and green plastic balls out of the Lobby Seven skylight. The one-and-a-half-inch balls rained down for over two minutes, and it took souvenir hunters about an hour to pick them all up. The best publicized THA hack was putting a smiley face on the Green Building dome. Three smiles were painted on a cylinder made from yellow building tarps (eventually returned to building 34). Several local papers carried photos of it.

Hacking Tips

Evasion and Escape

The Eleventh Commandment: Don't get caught. Thou shalt honor it and keep it wholly. On the other hand, if you *are* caught, the least you can do is to accept it with dignity, and have respect for your captor.

Always have two ways to run. If someone comes one way, you can go the other. If possible, run along a path that has many side branches. Your pursuer will pause to check them.

Don't start running when someone spots you. Walk around a corner and *then* run. Remember that the person who sees you must first decide that you are doing something wrong, and running is an admission of guilt.

It is usually better to talk to a Campus Police officer than to try to run away.

Talk to CPs. If nothing else, ask questions like "where's the nearest bathroom?" The proper blend of interest, respect, and a willingness to follow up on the things that are said, can do wonders. This experience will help if an officer ever decides to ask *you* a few questions.

If you can become invisible, people give up hunting for you and go away. Keep track of hiding places that you can get into quickly and quietly. If someone is chasing you, don't hide unless you can convince them that you kept running.

People are usually unaware of anything above them unless it moves or otherwise calls attention to itself. When hacking, remember to look up periodically.

Planning a Hack

When planning a hack concentrate on the tools and materials. People are awfully good at figuring how to do something, but they have a hard time imitating a roll of tape.

The best way to get the person-power needed for a hack is to get several people involved in the planning stage.

Strive not for the elimination of mistakes, but for the ability to compensate for them. Where would you get replacement fuses for an elevator at three in the morning?

Anything that can be prepared ahead of time should be. The night-before lasts at most eight hours and many of these will be consumed by unforeseen delays.

Exploring

Try to account for all the space in a building. If a bump in one wall does not line up with a dent on the other side, then there is a space that needs exploring.

Move as quietly as possible. If you can see or hear trouble before it hears you, then retracing your steps should bring you to safety.

Trouble tends to come from behind. Walking past someone may arouse suspicion (especially if you're carrying something odd, like lots of rope), and by definition those people are behind you. Periodically check your back side. Enter and exit an area using different routes.

When signing your logo always include the date. This makes the order of re-discovery clear. Other hackers judge you by where they've seen your logo. Use it as a sign of approval and accomplishment.

Always carry a flashlight, though don't panic if you're without one. The human eye is very sensitive if you give it half a minute to adjust. In an emergency use your digital watch to light the way.

Access and Alarms

Brute force is the last refuge of the incompetent.

Some rooms are best entered via the door, others are not. Always try the doorknob and carding before riskier techniques. Remember that there is *always* another way, and usually a better one.

Before opening a door check all around the doorframe for magnetic switches and alarm wiring. Do the same after opening it. If you do set off an alarm you have about two minutes to get away. Don't Panic. Only run until you reach a place where your presence can be reasonably explained.

You can often spot an alarm before it spots you. Most alarms either click or light up when they are tripped. Listen for the click, and look for the light. Remember that motion detectors are line of sight devices. If you can't see them, they can't see you (except microwave alarms, which can see through most walls).

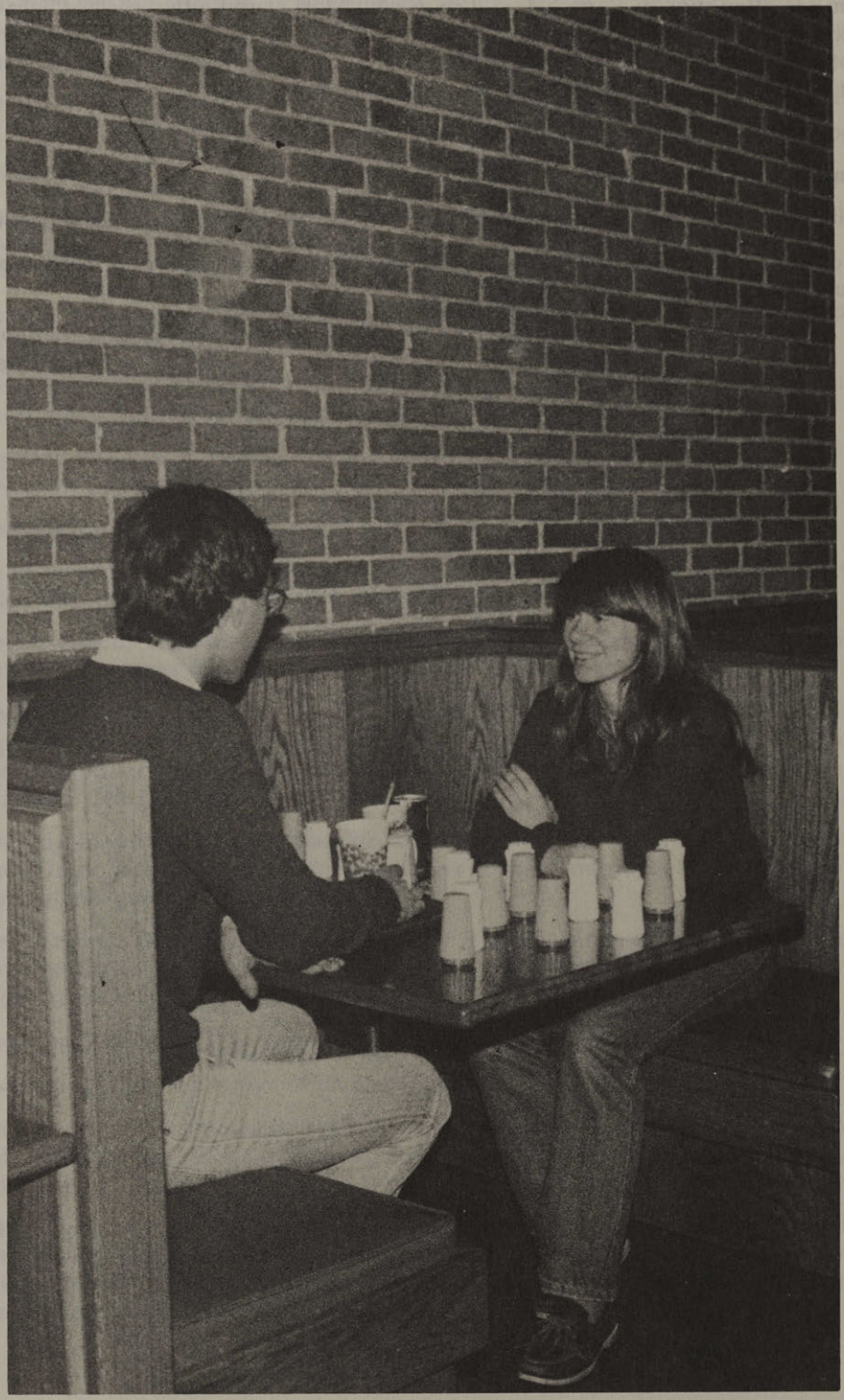
Roofs themselves cannot be alarmed, but doors that lead to them can.

General Advice

Things are not always as they appear. This is true of locks, doors, walls and people.

Know thy self; if you need help, the CIA has an office on the third floor of Technology Square (NE43).

To be good is noble, but to teach others how to be good is nobler — and less trouble.
— Mark Twain



Restaurants

Boston is abundantly supplied with restaurants that range in quality from superb to dreadful and cover the entire range of prices. Quite a few places are not listed because they are small and don't advertise or they are too far from campus for most people. However, the list that follows is respectable and should keep yo busy for a while. Where possible we have included the address, phone number, and nearest MBTA stop. Prices are accurate only to a first approximation and do not include tips, tax, or booze. The meals tax is 5%, and take-out orders are taxed too. The standard tip is 15%. If you have in mind a specific type of restaurant, check the index below and then look in the alphabetical descriptions. Enjoy your night out, and **if you have updated information, send it to us at TCA. (Forms are in back of book.)**

For more information about restaurants in the Boston area, see the reviews in *B.A.D.* (distributed free in the Student Center each week), the book *Cheap Eats* (sold in the Coop), or the *Boston Phoenix Guide to Eating Out.* [No, not *that* kind of eating out.]

In order to help determine how accurate our info is, the year the restaurant was reviewed is enclosed after the critique, if known.

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Middle East Restaurant

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Jonah's on the Terrace	Legal Seafood	No-Name Restaurant
Salty Dog	Top of the Hub	

Vegetarian

Edibles	Last Chance Cafe	Papillon
The Stockpot		

Eat to live and not live to eat.

— Benjamin Franklin

Restaurant Descriptions

Acropolis (1680 Mass. Ave., Cambridge, 492-0900, 354-8335; MBTA: #77 Bus from Harvard Sq.) Sun-R, 11:45-10pm; FS 11:45-11. Standard tasty Greek food. Entrees $5-10. Appetizers $2-5. American Express, Mastercard, Diner's Club. (1984)

Aegean Fare (539 Comm. Ave., Boston, 267-2202; MBTA: Kenmore) 8am-4pm everyday. For $4-6, you get enough Greek food to keep you happy. The food is edible but nothing special. The best thing about this place is the Greek pastries and the hours. The pastries ($1-ish) are fantastic. (1984)

Aku-Aku (390 Comm. Ave., Boston, 536-0420; MBTA: Kenmore) Sun-Thurs 5pm-3am, Fri-Sat 5pm-4am. Polynesian food. Overpriced soups: but the Aku platter (of appetizers) makes up for it. Drinks are nice and tasty with reasonable kick, and the food is good but not great. Atmosphere and service make it worth a try. Go in a group of four or more to best enjoy this restaurant.

Al Capone's (72 Blackstone St., Boston, 227-2692; MBTA: Haymarket) This place makes some of the best pizza in the city. Well worth the trip and the perfect lunch for a Saturday Haymarket expedition if you don't mind the crowd and lack of seating. (1984)

Allston Depot (353 Cambridge St., Allston, 783-2300; MBTA: Union Sq. Bus) M-S 11-2:30; Sun brunch 12-3, Sun-R 5-10; FS 5-11. Nothing special but an OK "American" restaurant. $6-12, nice steaks, lousy desserts. All credit cards accepted. Reservations not recommended. (1984)

Amalfi Cafe (10 Westland Ave., Boston, 536-6396; MBTA: Symphony) T-Sun 5-10 except F 11:30-10. Good wine list provided in this *good* Italian restaurant. Atmosphere is very pleasant. Count on $15 per person. Mastercard, Visa, American Express. Reservations recommended. (1984)

Another Season (97 Mt. Vernon St., Boston, 367-0880; MBTA: Charles) 6-10 everyday, T-F 12-2. Lunch costs about $8/entree. Dinner entrees run from $10-20. The menu changes weekly. At any one time, there's not much variety, but usually some chicken, vegetarian, beef, and seafood, depending on what's in season. The desserts are excellent. You probably won't be stuffed when you leave, but the food is great. This place is classy. You should certainly not drop in for lunch wearing jeans. However, a meal here would fit perfectly into a day of shopping on Beacon Hill. Reservations accepted. Mastercard and Visa. (1984)

Anthony's Pier Four (140 Northern Ave., Boston, 423-6363; MBTA: South Station & City Point Bus) Open every day, jackets required, no reservations. $7-16 for dinner in a very famous seafood restaurant. *Tourist Trap.* Wait on line guaranteed (at the bar, where drinks are priced exorbitantly). Yes, they accept plastic money.

Arkadia (58 JFK St., Cambridge, 354-9038; MBTA: Harvard) M-S 11-4, M-R 4-9, F-S 4-10. Decent Greek food. Dinners $7-10. Omelettes and specialties ($3-5) can make a good lunch. Informal. No reservations. Mastercard, Visa, Diner's Club, American Express. (1984)

Athens-Olympia (51 Stuart St., Boston, 426-6236; MBTA: Boylston) 11-11 except only 'til 10 on Sundays. $6-10 for good food that you can get for half the price at a Cambridge Greek restaurant. Located in the Combat Zone, service is very good and speedy if you tell them you want to make a curtain deadline in the nearby theatre district.

Autre Chose (1105 Mass. Ave., Cambridge, 661-0852; MBTA: Harvard) 9am-3pm and 6-10:30 every day. Superb French food; entrees $10-15, appetizers $5. Nice wine list, and you can drink beer, if you must. Cocktails reasonably priced. Reservations accepted but not necessary. All credit cards accepted. (1984)

Bailey's (See chain section for list of locations) Reasonable ice cream, but this reviewer sees no reason ever to go there.

Bel Canto (928 Mass. Ave., Cambridge, 547-9680; MBTA: #1 Bus; 42 Charles St., Boston, 523-5575; MBTA: Charles; 253a Washington, Somerville, 623-5353) 11:30-11:30 Mon-Sat, 11:30-10pm Sun. Reasonable Boston imitation of deep-dish pizza. A wide variety of very good, fresh toppings is offered. The desserts are good too. Usually very crowded.

Behihana of Tokyo (201 Stuart St., Boston, 542-1166; MBTA: Arlington) M-F 12-2, M-R 5:30-10, F&S till 11, Sun 4:30-9. Complete dinners featuring chicken, steak, scallops, or shrimp for $9-17. Excellent Teppan style cooking show. Cocktails about $3. Reservations recommended. All charge cards accepted. (1984)

Bisuteki (777 Memorial Drive, Cambridge, at HoJo's, 492-7777) M-R 5-10, F-S 5-11, Sun 4-10. Dinners $9-15. Cocktails $3. Teppan-style Japanese food cooked on the table with knives flashing. Not your typical hotel food. All credit cards accepted. Free parking. Reservations recommended. Proper attire required.

Blue Parrot (123 Mt. Auburn, Cambridge, 491-1551; MBTA: Harvard) 11am-midnight every day. Light European fare. Excellent specialties. $8 for a full mean. (1984)

Buddy's Sirloin Pit (39 Brattle St., Cambridge, 864-4470; MBTA: Harvard) Mon-Sat 11:15-9pm. Burgers and steaks. Adequate food, very inexpensive. Good place to go if hungry and broke. $4. Actually, Charlie's Kitchen is better and cheaper.

Cabot's (743 Washington St., Newton, 964-9200, car needed) Creative concoctions. Sundays ranging from $1-3 are very good. On two days notice they will create any-sized anything. Rates with the best.

Cafe Budapest (90 Exeter St., Boston, 734-3388; MBTA: Copley) Mon-Thurs Noon-3pm and 5-10:30pm, Fri-Sat Noon-3pm and 5pm-midnight, Sun 1-10:30pm. Hungarian, One of the five best restaurants in Boston, $10-20. (Don't pass up the cold cherry soup.) Dress up and don't forget your reservation.

Cafe Florian (85 Newbury St., Boston, 247-7603; MBTA: Copley) Mon-Thurs 11:30-midnight, Fri-Sat 11:30am-1am, Sun Noon-6pm. Nice, simple little coffeehouse. Light meals are the emphasis. Nice desserts, quick service. Beer served in cold mugs; in winter, hot spiced wine served. Sidewalk Café in good weather. (1984)

Cafe Promenade (in The Hotel Colonnade, 120 Huntington Ave., Boston, 424-7000; MBTA: Symphony) Superb food, $6-12, good wine list. Trout is maybe best in Boston. Beef, fish, veal, salads, whatever you want, they have. Excellent desserts. One of the best meals for your money in town.

Campus House of Pizza (239 Mass. Ave., Cambridge, 547-2208) Open 'til midnight, this sub/pizza shop is a cheap, quick meal. The former "greasiest pizza in town" is still greasy but quite edible. They don't deliver but will take orders over the phone to speed up your meal. (1984)

Casa Mexico (74 Winthrop St., Cambridge, 491-1552; MBTA Harvard) M-S, 12-2:30; M-R, 6-10; F-Sat, 6-11; Sun 6-10. High quality Mexican restaurant. Typical entree cost $10 and includes everything you need to get miserably stuffed. Many good appetizers too. Decent service. This basement establishment is small and has no non-smoking section but the air quality is still very good. Reservations available M-F. Credit cards taken. (1984)

Chardas (1306 Beacon St., Brookline, 232-4050; MBTA: Green Line to Coolidge Corner) Sun-S 5-10:30. Outstanding continental cafe with Hungarian specialties. Count on $40 per couple for the works. The apple strudel is great! Nice, private atmosphere. All credit cards accepted. Reservations recommended. Non-smoking section. proper attire. (1984)

Charlie's Beef and Beer (1688 Mass. Ave., Cambridge, 491-9883; MBTA: #77 Bus from Harvard Sq.) Decent food for a bar. $2-4. Worth it when you're looking for a cheap meal and talk. 11am-wee hours of the morning. Often really smoke-filled.

Charlie's Kitchen (10 Eliot St., Cambridge, 492-9646; MBTA: Harvard) 8am-11:30pm every day. Best cheap meal in Boston! $4 buys two hamburgers, fries, salad, and change back. Good sandwiches as well. No environment downstairs, Advent TV upstairs.

Chart House Restaurant (60 Long Wharf, Boston, 227-1576; MBTA: Aquarium) 4-11pm every day except Fri-Sat 4-midnight. Standard American restaurant, except *nothing* to complain about. Good chowder, steaks, reasonable drinks, no reservations, $6-12. Expect to wait on line with young executive types.

Chez Jean (1 Shepard St., Cambridge, 354-8980; MBTA: Harvard) T-Sun 5-10. Good French food, mostly steak and fish. Entrees $10-15. Reservations recommended as well as a jacket and tie. Mastercard, Visa, American Express. (1984)

Chi-Chi's (1001 Mass. Ave., Cambridge, 491-2040; MBTA: #1 Bus) Huge amounts of slightly bland Mexican-American dishes, two people can get stuffed for $15. Wonderful margaritas, sangria. The drinks are a lot more interesting than the food. Usually 20-30 minute wait.

Chowder House (827 Boylston St., Boston, 536-6014; MBTA: Copley) $4-10. Excellent chowder, large portions.

Colleen's Chinese Cuisine (792 Main St., Cambridge, 661-1660; walking distance from MIT) Lunch 12-2 M-F, dinner Sun-R 5-9:45, F & S 5-10:30. Good dishes with nice subtle sauces. Could be spicier, but still very flavorful. Best Yu-Hsiang sauce in the city (nice and black). Mongolian hot pot specials for 2. Banquets available. $9-11 for dinner. Mastercard and Visa. (1984)

Crossroads (495 Beacon St., Boston, at Mass Ave., 262-7371; MBTA: Auditorium) $4-7. Good food over the Harvard Bridge from campus. Large portions. Pizza, sandwiches, and a few Italian dishes. Smoke-filled, collegish atmosphere. Food much better than you'd guess from the surroundings. Bar upstairs. (1984)

All arguments about pi are circular.

— Prof. Judy Bostock

Davio's (269 Newbury St., Boston, 262-4810; MBTA: Copley) Sun & Mon 4:30-midnight. Tie and jacket, Italian restaurant. $8-15 with wine. One of the better Back Bay eating places. *Try it, you'll like it.* Reservations and credit cards accepted.

Deli-Haus (476 Comm. Ave., Boston, 247-9712; MBTA: Kenmore) $3-7 for best sandwiches in area. Generous servings, open late.

Despina's Place (47a Mass. Ave., Boston, 536-1577; MBTA: Auditorium) 11am-midnight every day, til 1am F. Cited #1 in *The Tech's* 1981 pizza survey. Good thin-crust pizza for not very much money. (1984)

Dini's Sea Grill (94 Tremont St., Boston, 227-0380; MBTA: Park) Open every day, very filling, delicious food. Specialty is seafood, but meat is also ace. Service is impeccable. Jeans discouraged. $7-11.

Dino's (51a Mass. Ave., Boston, 266-6381, MBTA: Auditorium) Right next door to Despina's, similar fare, similar prices, though not quite as good, some say. Try it yourself.

Du Barry's (159 Newbury St., Boston, 262-2445; MBTA: Copley) Mon-Fri 11:30-2:30pm and 5-9pm, Sat noon-3pm and 5-9:30pm, Sun 5-9pm. Good, moderately expensive French food. Extensive menu. Count on $30 per couple for a *complete* meal. The food is generally excellent, but desserts lose big. (Walk down the street to Emack's instead.) Patio seating in nice weather. Reservations recommended. Credit cards accepted. (1984)

Durgin-Park (340 Faneuil Hall Mktpl, Boston, 227-2038; MBTA: Haymarket) Mon-Sat 11:30-9:30pm. Excellent, solid meals of beef and seafood. Their specialty is an excellent prime rib. Dinner $6-15. Good drinks. Known for rude waitresses. No reservations, no air conditioning, long lines. American Express accepted. (1984)

Edible's (329 Harvard, Brookline, 232-8835; MBTA: Green Line to Coolidge Corner) A lot of good vegetarian food, some chicken. Bakery with yummy desserts. Salads. Dinner about $5. (1984)

El Phoenix Room (1430 Comm. Ave., Brighton, 566-8590; MBTA: Boston College, Green Line) Mon-Thurs 11-10pm, Fri-Sat 11-11pm, Sun noon-10. Loud environment but good service. Good Mexican food with bite. Good beer selection. Some American dishes. ⅓ vegetarian. Entrees about $5. No credit. (1984)

I love you as New Englanders love pie.

— Donald Robert Perry Marquis

Elsie's (71a Mt. Auburn St., Cambridge, 354-8781; MBTA: Harvard) Generous, tasty sandwiches. Very cheap. A landmark for Cambridge college students. When you go, get a card ($5.50 worth of food for $5, no tax as well).

Emack & Bolio's (See chain section for list of locations) Among the top four homemade ice cream shops, but the ice cream isn't homemade. The original Oreo isn't very good, but the ice cream is generally excellent. Better than Steve's. Most expensive of the good ice cream stores. Friendly people. (1984)

Emilio's (364 Hanover St., Boston, 523-9620; MBTA: Haymarket) Sun-Thurs 11:30-10:30. Fri & Sat 11:30-11:00. Small, very quaint Italian family establishment. A party of 10 would require reservations, but quite good date material. Good quality with adequate portions. Pasta $4-7, veal and chicken $8-11.

European Restaurant (218 Hanover St., Boston, 523-5694; MBTA: Haymarket) Every day 11am-12:30am. Large Italian restaurant with deservedly famous pizza and really good clam sauce on pasta. Lines are common. Most of the food (aside from pizza) is only fair but cheap. Credit cards accepted.

F and T Deli (310 Main St., Cambridge, 547-5820; MBTA: Kendall) Take a break from commons for $2-4. Food does not come back at you, so what's there to lose?

Felicia's (145a Richmond St., Boston, 523-9885; MBTA: Haymarket) Mon-Sat 5-10pm, Sun 2:30-9:30pm. No reservations, only credit is American Express or Diner's Club. $8-15 for outstanding food. Only Francesca's (next door) is better!

Ferdinand's (121 Mt. Auburn St., Cambridge, 491-4915; MBTA: Harvard) Mon-Fri 11:30-2:30 pm, Sun 11-3pm, M-F 5-10pm. We don't know what the food quality is like, but the menu is seasonal and offers a nice selection of continental entrees for $11-19. Free parking. Although reservations aren't recommended, proper attire is required. All credit cards accepted. Check it out and let us know how it is! (1984)

Francesca's (90 N. Washington St., North End, 723-9326; MBTA: Haymarket) Tues-Sun 12:30-10:30pm. No reservations. American Express accepted. $9-15. The *best* Italian food anywhere! Specials are a good bet. Cannolis should not be missed. Also, the second time, the strawberry shortcake, which is freshly made with fresh strawberries, is highly recommended. There is nothing bad on the menu!

Friday's (26 Exeter St., Boston, 266-9040; MBTA: Copley) 11:30-midnight every day. Long lines to get into the bar, where you wait for a table to dine at. Drinks expensive, but it's all worth it. The food is reasonably priced if not inexpensive, and *excellent.* $5-10. Good for meeting people at the bar.

Friendly Eating Place (985 Mass. Ave., Cambridge, 354-3245; MBTA: Harvard) Sun-Thurs 11am-1am, Fri-Sat 11am-2am. Pizza, grinder shop with good spaghetti and Greek salads. $1.50-8. Large junk pizza is $7.75.

Friendly's (see chain section for list of locations) Brigham's, only much better. Good food (for that price and style) and nice ice cream novelties.

Gatsby's (300 Boylston St., Boston, 536-2626; MBTA: Boylston) M-R 11:30-midnight, F 11:30-1am, S 12-1am, Sun 12-12. Good food of many sorts. Entrees $7-16. Sandwiches (w/fries) about $4. Lots of salads. No reservations recommended. Mastercard, Visa, American Express. (1984)

George and Nick's Steak House (569 Mass. Ave., Cambridge, 354-9700; MBTA: Central Sq.) $3-8 for good cafeteria-style fast food, Greek style. A worthwhile meal! Rather boring. Good rice pilaf. (1984)

Golden Gate (66 Beach St., Chinatown, 426-5022; MBTA: Essex) Good, no nonsense, greasy spoon Cantonese food. Very inexpensive, with rice plates ($2-3) the best buys.

Grendel's (89 Winthrop St., Cambridge, 491-1050; MBTA: Harvard) Sun-Thurs 5-10pm, Fri-Sat 5-11pm. Features French, Italian, and Middle Eastern food. Good salad bar. This restaurant offers a lot of food not found in the average establishment: eggplant and liver, for example. They also offer some vegetarian dishes. the food is good. Dinner costs $5-12. The fruit in chocolate fondue ($7) is excellent and a huge dessert for at least two. Bar downstairs. Yummy. Major credit cards. (1984)

A mean without wine is like a day without sunshine.

— Anthelme Brillat-saverin

Ground Round (see chain section for list of locations) Mon-Sat 11:30-midnight, Sun noon-12:30am. A family sort of hamburger place w/poultry and fish (yucko) too. $4 and up. Mastercard and Visa. (1984)

Haagen Dazs (see chain section for list of locations) Their ice cream may be a big deal in other parts of the country, but around Boston there's no reason to go there. The sorbets, however, are quite good. (1984)

Half Shell Restaurant (739 Boylston St., Boston, 423-5555; MBTA: Copley) Nice seafood restaurant. $6-12. Average service, food, etc. with a few good specials (cheap) daily.

Harvest Restaurant (44 Brattle St., Cambridge, 492-1115; MBTA: Harvard) 11:30-3pm, 6-10pm every day. Credit, reservations available. Very chic. Entrees range in price from $12-18, with good duck and lamb as well as reasonable beef. Good desserts, featuring alcoholic pastry. (1984)

HiFi Pizza (496 Mass. Ave., Cambridge, 354-9673; MBTA: Central) Edible pizza, subs, no delivery, open 'til 3am, 'til 4 on F & S. (1984)

Hilltop (Rte 1, Saugus, 233-7700; car needed) Steak & seafood & steak & crowds & steak. Cash only. Strong drinks for $1.90, meal worth $12 or more for $9. Expect a line, but it moves fast. This place seats 1400 people comfortably.

Hong Kong (1236 Mass. Ave., Cambridge, 864-5263; MBTA: Harvard) Sun, T, R 11:30-2am, F-S 11:30-2:30. Pretty good Chinese food, but there's better closer to MIT; the late hours, however, can be convenient. Good variety in menu. No credit or reservations. (1984)

Hsing Hsing (546 Mass. Ave., Cambridge, 547-2299; MBTA: Central) Good Mandarin-Szechuan restaurant, $5-8. Good lunch for about $3. Friendly people. (1984)

Hunan Restaurant (700 Mass. Ave., Cambridge, 876-7000; MBTA: Central) 12:30-10pm every day. Fair Mandarin-Szechuan restaurant. $10 average for main course & appetizer. Try the all-you-can-eat buffet instead. Lunch buffet has a bad reputation. Fine selection of exotic drinks. (1984)

India Restaurant (1780 Mass. Ave., Cambridge, 354-0949; MBTA: Bus 77 from Harvard Sq.) Lunch 11:30-2:30 M-S 5-1, S 11:30-2:30. Credit cards accepted. $5-7 for very palatable Indian food. Interesting menu. Some vegetarian. Reservations not recommended. All credit cards accepted. (1984)

Cole's law: Thinly sliced cabbage.

IHOP (International House of Pancakes) (see chain section for list of locations) Never closes. Late night heaven. Reasonably priced, large servings. Pancakes, burgers, omelettes, $4. (1984)

Imperial Restaurant (238 Harvard, Brookline, 731-3322) OK pizza. They deliver. Service much better than at Pizza Pad. (1984)

Iruña (56 JFK St., Cambridge, 868-5633; MBTA: Harvard) Mon-Fri noon-2pm, Mon-Thurs 6-9pm, Fri 6-10pm, Sat 1:30-10pm. This Spanish restaurant has one of the most interesting and appetizing selections of food. For under $10 you can get a great meal consisting of nothing you ever had before. For $2.50, you can get a quart of their homemade sangria. Extremely crowded — be prepared for a long wait.

J. C. Hillary's Ltd. (793 Boylston St., Boston, 536-6300; MBTA: Copley) Sun-Thurs 11:30-midnight, Fri-Sat 11:30am-12:30pm. Very pleasant, not cheap. Gay 90's-ish place that is very "in-vogue". $4-8. Worth going to, especially on dates. Credit cards accepted.

Jacob Wirth (31 Stuart St., Boston, 338-8586; MBTA: Boylston) Mon-Thurs, 11:30-midnight, Fri-Sat 11-11pm. $4-10. Germanesque restaurant with good food from sandwiches to Prime Rib. Excellent strudel. Lunchtime crowds can be annoying.

Jimmy's Harborside (248 Northern Ave., Boston, 423-1000; MBTA: South Station) Mon-Sat 11:30-9:30pm. A high class seafood restaurant. The appetizers are perfect in taste and freshness. There are nine different lobster dishes and ten fresh seafood choices. Atmosphere is touristy. $20. Credit cards are accepted. Reservations, except on weekends. The view from the dining room is very nice.

Joe Tecce's (53 N. Washington St., Boston, 742-5210; MBTA: Haymarket) Every day 11am-1am, no reservations, all credit cards accepted. Good, not great, Italian restaurant. $5-7. No desserts. *Warning:* there is no sign in front of the restaurant, it's a blue brick building on the corner of Washington & Cooper.

Joey's Homemade Ice Cream (1161 Broadway, Somerville, 623-9013) Toscanini's may have better ice cream, but nobody else does. Joey's has the best toppings (fudge especially) in Boston. Marvelous experience. Make your own sundaes! Non pre-fab decor. Definitely worth the trip. (1984)

Jonah's (575 Memorial Dr., Cambridge, in Hyatt Regency Hotel, 492-1234) This hotel restaurant does some pretty interesting things to seafood and charges you for the privilege of tasting nice-sized portions of them. $10 minimum. For the view and atmosphere I recommend it (the food's OK), but for great seafood there are many better places. The all-you-can-eat Sunday Brunch at $15.50 a person is worth it. From scrambled eggs to seafood newburg and everything in between. Fast a day or two first. (1984)

Joyce Chen's Restaurant (390 Rindge Ave., Cambridge, near Fresh Pond, 492-7373; MBTA: Bus 83 from Central Sq.) Sun-Thurs noon-10:30pm, Fri-Sat noon-11:30. Nice cozy restaurant, $6.50. Chinese food with very nice flavors. Fun for a group.

Joyce Chen's Small Eating Place (302 Mass. Ave., Cambridge, 492-7272; MBTA: Central) Reservations accepted. Cheap, Americanized, Chinese food. Filling and priced for *students*. $5-10. (1984)

I seldom went to bed before two or three in the morning, on the theory that if anything of interest were to happen to a young man it would almost certainly happen late at night.

— E. B. White

Kabuki (24 Pearl St., Cambridge, 491-4929; MBTA: Central) Thurs-Sat 5-10pm. Family-run Japanese restaurant. $8-12. Excellent sushi and vegetable tempura. Fine cheap meal in cute restaurant. Good atmosphere. (Lots of MIT students) Visa, Mastercard, 10% student discount before 6. (1984)

Kebab-n-Kurry (30 Mass. Ave., Boston, 536-9835; MBTA: #1 Bus) M-S 12-3, Sun-S 5-10:30. Good food. Mostly curry, $3-8. BYOB. All credit cards accepted. Reservations recommended. (1984)

Kai-Seki (132 Newbury St., Boston, 247-1583; MBTA: Copley) Most authentic Japanese food in the area. Very, very expensive. The tea ceremony on Sundays costs $20 per person. Groups of smaller than 10 get merged. (1984)

Ken's Pub — Cambridge (684 Mass. Ave., Cambridge, 868-5640; MBTA: Central Sq.) If you're looking for cheap, decent food, this is a good choice. Service can be slow, non-existent, or (occasionally) good. The lunch and dinner specials are most worthwhile. Mastercard and Visa accepted. Pint-sized drinks.

King Wah (29 Beach St., Boston, 426-2705; MBTA: Essex) Very good, dependable Cantonese food. Open 'til 4am, $3-5. Pastries worth a try, as well as the food.

Kon Tiki Ports (39 Dalton Rd., Boston, 262-3063; MBTA: Prudential) Every day 11:30-3pm and 5-11:30pm. All credit cards welcome, reservations accepted. Once you get past the bar, which serves tasty exotic drinks, you end up in a most interesting Polynesian establishment with an extensive menu of reasonable food. $8-15 for a complete dinner. Drinks are the strong point, there is no weak point.

Korea House (20 Pearl St., Cambridge, 492-9643; MBTA: Central Sq.) Traditional homestyle Korean food, which means large, filling soups and quite spicy (and non-greasy) mixes of meat, vegetables, and rice. Excellent food for $5-8. A refreshing change from Mass. Ave. Chinese food.

Kyoto (267 Huntington Ave., Boston, 536-9295; MBTA: Northeastern) Small Japanese restaurant with emphasis on *nabe* (casserole) dishes. Good sushi and sashimi. Very friendly service. $5-11.

La Groceria (853 Main St., Cambridge, 547-9258; MBTA: Central) M-F 11:30-3:30, M-R 5-10, F-Sun 5-11. Very pleasant Italian restaurant with nice relaxed atmosphere, good food and drink, and not too expensive. Entrees $8-12. Good antipasto under $8. Free parking. Reservations not recommended. Mastercard, Visa. (1984)

La Piñata (16 Eliot St., Cambridge, 354-8400; MBTA: Harvard) M-S 11:30-10. BYOB, not-spicy Mexican food for about $5. No reservations, no credit.

Last Chance (25 Central Sq., Cambridge, 547-8551; MBTA: Central) Every day noon-9pm. Macrobiotic, vegetarian cafe specializing in noddle, rice, and bean curd dishes. No milk used in any of the food, so it is also vegan. $2.50-4.50.

Latacarta (95 Winthrop St., Cambridge, 354-0365; MBTA: Harvard) Natural foods. Great for vegetarians. Expensive. (1984)

Latino's (11-19 Brookline Ave., Cambridge, 492-5544; MBTA: Central Sq.) M-R 11:30-10, F-S 11:30-11:30, Sun 2-10. Mediocre to good Mexican food with some Cuban specialties. Great garlic chicken. Nice atmosphere (guitar serenades). $5-7. Generous portions. (1984)

Legal Seafood (5 Cambridge Center, 864-3400; MBTA: Kendall; Park Plaza Hotel, Park Sq., Boston, 426-4444; MBTA: Arlington) Fresh seafood close to MIT, full menu available for take-out. Incredible variety in menu. Good bar, overpriced fish market. $5-12. (1984)

L'Espalier (384 Boylston St., Boston, 247-7406; MBTA: Arlington) Fabulous French food, good atmosphere, excellent service, but the small portions and the price ($25+) prohibit frequent visits. Great place to take someone you want to impress.

Oats — a grain which in England is given to horses but in Scotland supports the people.
— Samuel Johnson

Locke-Ober Cafe (3 Water Pl., Boston, 542-1340; MBTA: Park) Mon-Sat 11am-10pm. Reservations required, as well as tie and jacket. Expensive and usually worth every penny, though the service has slipped in the past few years. Fresh ingredients and superb chefs make your $25 dinner worth a million. What can be said other than go once and you'll go back as often as you can afford it. Drinks are reasonably priced, the wine list is excellent, and the place is fit for royalty!

Lucky Garden (282 Concord Ave., Cambridge, 354-9514; MBTA: Harvard) 11:45-10:30, Mon 4:30-10:30pm. No credit cards or reservations. BYOB. Large menu, mostly Szechuan and Mandarin. Good food, very good dinner choice. $6-8 for complete dinner that's top notch. Service is very friendly.

Magic Pan (Faneuil Hall Marketplace, Boston, 523-6103; MBTA: Goverment Center; 47 Newbury St., Boston, 267-9515; MBTA: Copley) Not at all authentic French food. Good selection of delicious fillings in white flour crepes. The deserts are better than the entrees. A filling meal costs up to $10. Delicious seasonal specialty drinks like hot chocolate with peppermint schnaups. Reservations accepted. (1984)

Maison Robert (45 School St., Boston, 227-3370; MBTA: Park) Mon-Fri noon-2:30pm and 6-10pm, Sat 'til 10:30pm. Credit cards accepted, reservations advised, expensive but luscious. Superb fowl. Food cooked tableside in upstairs dining room. $25 easily, probably more for dinner. About half that for lunch. Wine list is exceptional.

Mandarin (332 Mass. Ave., Cambridge, 497-1544; MBTA: Central Sq.) This place tries different interpretations of old standard dishes — try the crispy beef or the orange beef made with orange sauce, not peel. Tries to undercut its competitors — lunch specials are among the cheapest in town, but exercise caution — some of the lunch plates are duds.

Mandarin Taste (335 Harvard St., Brookline, 739-2673; MBTA: Green Line to Coolidge Corner) Sun-R 11:45-10:30, F-S 11:45-midnight. Very complete menu of Mandarin, Szechuan, Hunan, Cantonese, Mu Hsu, and San Francisco style food. Dishes $7-12. One of the best in the area. No MSG! Reservations not recommended. Nonsmoking section. Mastercard, Visa. (1984)

Mary Chung (447 Mass. Ave., Cambridge, 864-1911; MBTA: Central Sq.) One of the best Szechuan places around. Suan la chow show is very good. Relatively small. Often there is a line, but the wait is worth it. (1984)

Medieval Manor (264 E. Berkeley St., Boston, 423-4980; MBTA: Arlington) M&W $19, T&S $22, F&S $25. Party of ten or more, add $2 service fee per person. Reservations required weeks in advance. Pay one price, includes beer, wine, and cider. Mixed drinks available for extra bucks. Price includes a show: employees sing and dance. No utensils. Much food. Patrons must be of drinking age. No smoking permitted. Must go once. (1984)

He who comes first, eats first.

— Eike von Repkow

Middle East Restaurant (4 Brookline St., Cambridge, 354-8238; MBTA: Central Sq.) Seven days 11am-midnight. No credit. $5-7. Excellent-sized servings for Middle Eastern food or $2 for fair felafel. Lentil soup worth a try.

Mississippi's (484 Comm. Ave., Boston, 247-8181; MBTA: Kenmore) Mon-Fri 11am-11pm, Sat-Sun noon-11pm. 50 clever combination sandwiches, good soup, excellent chili and Moosejuice frappes. Sandwiches cost $3-4. A bit expensive for deli food, but delicious. (1984)

Miyako (468 Comm. Ave., Boston, 236-0222; MBTA: Kenmore) Standard Japanese fare with some unusual dishes. Really beautiful, creatively done sushi. Complete meal for $7-12. Very friendly service. (1984)

Montana's (160 Comm. Ave., Boston, 536-3556; MBTA: Copley) Every day 11:30-1am. Italian continental cuisine, $6-9. Scampi is great, nothing's bad. If you're out for a lunch, $2-4 for good sandwiches and platters.

There will be no beans in the Almost Perfect State.

— Donald Robert Perry Marquis

Moon Villa (23 Edinborough St., Boston, 423-2061; MBTA: Essex) Extensive Cantonese menu. Very good and quite authentic. Black bean sauce is out-of-this-world! Open 'til 4am.

Mother Anna's (211 Hanover St., Boston, 523-8496; MBTA: Haymarket) A good Italian restaurant open daily for dinner. The menu carries fairly standard fare, which is really well-prepared. The cost is very reasonably $8-15. (1984)

Newbury's Steak Housse (94 Mass. Ave. Boston, 536-0184; MBTA: Auditorium) Every day noon-midnight. Sort of a steak house, sort of an all-American restaurant, has a reasonable salad bar. The quality is mediocre to good and not consistent. Entrees come with salad bar and cost $7-12. It's close, it's not too expensive; take your folks there once. Credit cards accepted. (1984)

Nine Knox (9 Knox St., Boston, 482-3494; MBTA: Arlington) Mon-Fri 7-9pm, Sat 6-9pm. Reservations required, no credit. Limited menu, which is truly delicious. Beef Wellington is the specialty. $20 or less plus wine.

No-Name Restaurant (15½ Fish Pier, Boston, near Jimmy's, 338-7539; MBTA: South Station) Mon-Thurs 11-9:30, Fri-Sat 'til 10pm. Best seafood for the money in Boston. Most of the food is fried, lines to be seated are long, food is plentiful. About $6 plus dessert. BYOB. No credit or reservations. (1984)

One Potato Two Potato (1274 Mass. Ave., Cambridge, 492-7682; MBTA: Harvard) Mon-Sat 11am-1am, Mastercard and Visa accepted. Going there just for drinks is OK. Recommended for light meals. Shouldn't be more than $10 for whole meal with tax and tip. Good desserts. (1984)

Paco's Tacos (50 JFK St., Cambridge, 354-4781; MBTA: Harvard) Seven days 11:30-1am. BYOB. Pretty interior considering its short order style, most expensive item on menu is $4. Disposable utensils and cheap, tasty food. The only Mexican fast food in Boston, it's food is what Chi-Chi's would be if it were cheaper and faster. (1984)

Papillon (1353 Beacon St., Brookline, 566-8495; MBTA: Green Line to Coolidge Corner) Sun-S 11-1, Sun 11-5. Café, mostly crepes and cheese/vegetable plates for $4-8. Other entrees mostly seafood and veal for $7-13. Entertainment often jazz. Non-smoking section. Reservations not recommended. Mastercard, Visa. (1984)

Parker House (60 School St., Boston, in Parker House Hotel, 227-8600; MBTA: Park) Parker House is an elegant, worthwhile experience . . . if you're willing to spend the money ($4.25 for escargots, $33 for Chateaubriand for two). For the cheap (?) among you, the Sunday brunches at $9.50 are well worth it, with almost anything your heart desires and as much of it as you can eat. Credit cards accepted. Reservations are advised.

Pizza Pad (540 Comm. Ave., Boston, 536-0559) OK pizza. They deliver. (1984)

Pizzeria Uno (731 Boylston St., Boston, 267-8554; MBTA: Prudential; 22 JFK St., Cambridge, 497-1530; MBTA: Harvard) The closest thing to good deep-dish pizza that Boston has to offer. About $6 per person. Good mixed drinks. No reservations, and all locations are usually crowded. (1984)

Premier (1130 Washington St., Boston, 426-2218; MBTA: Dover) Mon-Fri 5am-8pm, Sat 'til 7pm. Beer and wine available with your good Jewish food. Good omelettes, latkes, blintzes, roast beef, corned beef, etc. Desserts are top quality, like everything else in this cafeteria-style restaurant. Note the availability of great horseradish to garnish food. $2-4 for lots of food.

Regina Pizzeria (11 Thatcher St., Boston, 227-8180; MBTA: Haymarket; 4 Holyoke, Cambridge, 864-9279; MBTA: Harvard) Mon-Sat 11am-midnight, Sun 3pm-midnight. No credit; beer & wine available. Long lines to be expected as you wait for Boston's best-hyped basic thin-crust pizza.

Rib Room (5 Cambridge Pkwy., in Hotel Sonesta, Cambridge, 491-3600; MBTA: Lechmere) Mon-Fri 11:30-2:30pm and 5:30-10pm, Sat 5:30-11pm, Sun 5-10pm. Reservations and all credit cards accepted. This hotel restaurant has an exceptional view of Boston. Food is all marginal, except the prime ribs, which have three sizes, the

largest being one pound for $11.50. With your meat you get a nice baked potato and horrendous popover. No bargains to be found at this establishment. Desserts taste like Sara Lee. For $15 a head, you decide.

Rita's Place (88 Winnismmet, Chelsea, near Chelsea Court House, 884-9010) Full ten or eleven course Italian restaurant for fixed price of $14.50 plus tax and tip, unlimited house wine included. Reservation well in advance a must. Thurs-Sat 7-8:30pm, Sun 6:30-7:30pm. American Express is only acceptable non-cash form of payment.

Ritz-Carlton (15 Arlington St., Boston, 536-5700; MBTA: Arlington) Excellent hotel food served if you have a reservation for noon-2:30pm or 6-10pm any day. Drinks are small and expensive, but it doesn't sting as much if you use your plastic money. Now for the food: seafood is the best, soups are poor. Vegetables are evenly breaded and dried out. Dessert prices are too high. ($10 for a souffle?) Don't forget your tie and jacket!

Roka (18 Eliot St., Harvard Sq., 661-0344) A la carte sushi bar where you can select what kind of raw fish or shellfish you want. Also has variations on tempura, teriaki, and the *nabe* (stewed) dishes: be careful not to over-order — one *nabe* dish can feed two people. Watch the sushi maker put on his show while you wait. Lunch specialties $2.50-4.50, dinner $5-12. Very, very crowded.

Romagnoli's Table (5 Faneuil Hall Marketplace, Boston, 367-9114) Delicious Italian food. Entrees about $10. Nice atmosphere. Try it. (1984)

Rubin's (500 Harvard Ave., Brookline, 566-8761/731-8787; MBTA: Green Line (B) to Harvard Ave.). M-R 9-8, F 8-3, Sun 8-8. Kosher deli and restaurant good enough for New York. About $6. Yummy! (1984)

There's no sauce in the world like hunger.

— Cervantes

Salty Dog (Quincy Market, Boston, 742-2094, take-out 742-2096; MBTA: Government Center) Wet, slippery raw oysters, littlenecks, cherrystones. Also many, many different kinds of fish fried or broiled. *WARNING:* this is an authentic New England seafood restaurant — intestines and other guts are not removed from the shellfish; you are expected to eat them. Hot sauce helps. Also has Sunday brunch — seafood omelets with champagne to drink.

Savarin (156 Prospect St., Cambridge, 876-9475; MBTA: Central) Mon-Sat 5-11pm, no booze, credit, or reservations. Czechoslovakian restaurant with fresh, delicious food. Garlic bread is amazing, $5-9 and it's all good.

Sol Azteca (9142 Beacon St., Boston, 262-0909; MBTA: St. Mary's on C Line) Near Kenmore Square. More variety in menu than Casa Mexico, but the food isn't quite as good. If you're in the neighborhood, though, it's worthwhile. Good mole poblana. Complete, very stuffing meal for $8-18.(1984)

Soom Thai (167 Mass. Ave., Boston, 266-8884; MBTA: Auditorium) Somewhat classy-looking but not too expensive. Thai spicing that sneaks up on you. (1984)

Stefani Hosue of Pizza (783 Main St., Cambridge, 491-7823, walking distance from MIT; 272 Brookline, Cambridge, 547-4588) Reasonable sandwiches and pasta for $1-5. Ample portions.

Steve's (see chain section for list of locations) The ice cream is homemade and pretty good (some say it's best), but the quality/creativity has been declining since Steve's was bought out by a national chain. The flavor selection doesn't change much, and there's often a lot of duplication. (For example, banana, cinammon-banana, coffee-banana at the same time.) Some of the flavors are consistently good (oreo, banana, mint choc. chip), some aren't. Their gimmick is the mix-in, toppings mushing into the ice cream. *Very* rude employees. Not as expensive as Emacks, but not as cheap as Tosci's. (1984)

The Stockpot (53 JFK St., Cambridge, 492-9058; MBTA: Harvard) Mon-Sat 11am-10:30pm, Sun 5-10pm. Soups are wonderful, quiches interesting. Some vegetarian. Best salad bar in the area. It's good for you. Filling and cheap. $3-7. (1984)

Stories (134 Mass. Ave., Cambridge, 491-8866) Closes at 5:30. OK breakfast and sandwiches. Rather expensive for what you get. Very cramped and unorganized. Try it once.

Swiss Alps (114 Mt. Auburn St., Cambridge, 354-1366; MBTA: Harvard) Sun-Thurs 11:30-11pm. Fri-Sat 'til midnight. Specializes in Swiss food. Very nice, relaxed atmosphere. Classy, but not fancy. Food is delicious and abundant. Desserts nothing special. About $12 for dinner. American Express. Highly recommended. (1984)

SS John Wanamaker (310 Congress St., Boston, 426-8906) Open 7 days, 11:30am-3pm and 5-10pm. Food not that great, but the atmosphere is terrific. The restaurant floats on a tugboat opposite the Museum of Transportation.

Ta-Chien (18 Eliot St., Cambridge, 491-3900; MBTA: Harvard) Mandarin-Szechuan restaurant featuring endless variations on the famous Ta-Chien Chicken as well as the more common standbys. Food is greasy at times, usually palatable, $5-10, also has lunch specials.

Ta-Chien II (900 Beacon St., Boston, 247-3666; MBTA: Green Line to St. Mary's) Better than Harvard Sq. Ta-Chien. Very large portions. A bit on the greasy side, but still good, but Chef Chow's, just up the street is much better. Main dishes about $5. (1984)

Taisei of Japan (138 Lewis Wharf, Boston, 723-9235; MBTA: Aquarium) Reasonably good Japanese food in a very intimate atmosphere. (Each booth has its own curtain). Dark and cozy; if you need to meet someone in secret, this is the place to go. Liquor available. $8-15.

Tatsukichi (189 State St., Boston, 720-2468; MBTA: State) Ritzy Japanese place with dance bar downstairs. Expensive. Good food.

33 Dunster Street (33 Dunster St., Cambridge, 354-9636; MBTA: Harvard) Sun-Wed 11:30am-1am, Thurs-Sat 11:30am-2am. Credit is cool, liquor is reasonably priced. Nice salad bar ($3), omlettes, and light meals, reasonable pizza. Steaks are okay ($8). Overall, very good. Nice atmosphere. (1984)

Top of the Hub (Prudential Center, Boston, 536-1775; MBTA: Prudential) M-F 11:30-2:30, S 12-3, Sun br. 10-2:30, S-R 5:30-10, F-S 5:30-11. "Seafood with a view." Some steak. $9-16 for dinner. Reservations recommended. Proper dress. Entertainment. All credit cards accepted. (1984)

Toscanini's (899 Mass. Ave., Cambridge, 491-5877) The ice cream store that cares. The best ice cream around Boston is close to MIT and comes in all sorts of innovative flavors. The basics are good too. This is the cheapest homemade ice cream around. The extra toppings are good. Very pleasant employees. (1984)

Uncle Bunny's (962 Mass. Ave., Cambridge, 661-8889; MBTA: Harvard) Cute sandwich/ice cream shop. Carries Häagen-Dazs ice cream. Wide variety of flavors. Nothing special. (1984)

The Winery (50 Eastern Ave., Lewis Wharf, Boston, 523-3994; MBTA: Aquarium) Excellent selection of steak and seafood at a reasonable price. All meals come with a carafe of the house wine (fair), but you might want to select from the wine list (superb). Great place for a late dinner. $12.

You're not drunk if you can lie on the floor without holding on.

— Dean Martin

Yenching (1326 Mass. Ave., Cambridge, 547-1130; MBTA: Harvard) Mon-Sat 11:30-10:30pm, Sun noon-2pm. BYOB to this Chinese restaurant with limited menu of very interesting, tasty dishes. $7 or less. No credit cards.

Local and National Chains

Bailey's
1314 Beacon St., Brookline, 738-8473; MBTA: Coolidge Corner
1330 Boylston St., Brookline, 566-0152
21 Brattle St., Cambridge, 354-2772; MBTA: Harvard
74 Franklin St., Boston, 482-7266; MBTA: Park
26 Temple Place, Boston, 289-4777; MBTA: Park

Brighams
342 Boylston St., Boston, 247-9463
50 Congress St., Boston, 523-9372
741 Boylston St., Boston, 247-8553
731 Mass. Ave., Cambridge, 354-8877
699 Mt. Auburn St., Cambridge, 354-9019
255 Mass. Ave., Boston, 247-8795; MBTA: Symphony
and many more

Burger King
105 Causeway St., Boston, 523-0853; MBTA: North Station
502 Mass. Ave., Cambridge, 491-0204; MBTA: Central Sq.
10 St. James Ave., Boston, 482-5586; MBTA: Arlington
761 Boylston St., Boston, 247-7429; MBTA: Auditorium
150 Tremont St., Boston, 338-8155
Commonwealth Ave., Boston; MBTA: BU East

Churches Fried Chicken
293 Huntington Ave., Boston, 267-8996
479 Mass. Ave., Cambridge, 547-9328; MBTA: Central Sq.

Dunkin Donuts
616 Mass. Ave., Cambridge, 354-8944; MBTA: Central
Park St. T Station

Emack & Bolios
1310 Mass. Ave., Cambridge, 497-5362
9 Babcock St., Brookline, 738-6441
290 Newbury St., Boston, 247-8772

Friendly Ice Cream
190 Alewife Brook Parkway, Cambridge, 547-0566
207 Cambridge St., Boston, 742-2372
413 Brookline Ave., Boston, 277-6831

Haagen Dazs
67 JFK St., Cambridge, 497-6552; MBTA: Harvard
520 Commonwealth Ave., Boston, 536-1661; MBTA: Kenmore
123 Mt. Vernon St., Boston, 720-1360; MBTA: Charles

IHOP
1850 Soldier's Field Rd., Boston, 787-0533
149 Harvard St., Brookline, 566-5617; MBTA: Coolidge Corner

Kentucky Fried Chicken
30 North Beacon St., Boston, 254-2481
168 Hampshire St., Cambridge, 358-8871
2071 Mass. Ave., Cambridge, 354-8853

McDonalds
493 Mass. Ave., Cambridge, 547-9251; MBTA: Central Sq.
949 Comm. Ave., Boston, 254-9282; MBTA: Boston College Line
1282 Boylston St., Boston, 247-7751
123 Causeway St., Boston, 523-9413; MBTA: North Station
272 Boylston St., Boston, 247-8668
146 Tremont St., Boston, 423-0874
Assembly Square Mall, Somerville, 623-9782
245 Elm St., Somerville, 623-0765

Steve's
31 Church St., Cambridge, 497-1067; MBTA: Harvard
191 Elm St., Somerville, 623-9449
300 Harvard St., Brookline, 232-9103; MBTA: Coolidge Corner
95 Mass. Ave., Boston, 262-5262; MBTA: Auditorium

Wendy's
417 Washington St., Boston, 451-3253; MBTA: Washington

On-Campus Food

There exist a few places to get food on campus. They tend toward an unexciting norm but will keep you fed until you find some better place to eat.

Commons — Baker, MacGregor, McCormick, Walker Memorial, 500 Memorial Drive, and Lobdell have dining halls serving commons food three times a day on weekdays. If you're not on commons you can buy things a la carte or on an unlimited-seconds basis, except at Walker and Lobdell, where all non-commons food is sold a la carte. Portions tend to be smallest and best at McCormick.

Walker Memorial and **Lobdell** have the best-organized facilities for non-commons eating. Both offer three meals a day on weekdays, and Lobdell has three meals a day on weekends also. **Twenty Chimneys** on the third floor of the Student Center is open 11:30am-1:30pm on weekdays and 7:15pm-midnight every day (during the school year). This is a grill room staffed by students who do all the cooking. The food is fair, and the atmosphere is very dark with a wide variety of music. Service goes from reasonable to putrid. This place is very crowded after LSC movies. **Pritchett Lounge** is East Campus' answer to Twenty Chimneys and is on the second floor of Walker with a separate entrance (the left-hand stairs in back). For better food, better frappes, friendlier service, this may be worth a walk across campus. Most of the dining halls now sell beer and/or wine and they request that you not take it out (state liquor law).

Muddy Charles Pub — Located on the first floor of Walker memorial, this is GSC's own little pub. Sells beer, wine, etc.

Thirsty Ear Pub — Located in the basement of Ashdown. Wine, beer, free popcorn and pretzels.

Andy's — (under building 39) 11-2:30. One of the best lunches in Boston (with a show). Delicious chili, hot dogs, and variations thereupon. Line can be half hour long, but people who do it everyday think it's worth it. Everyone should try it once. (1984)

24-Hour Coffeehouse — On the second floor of the Student Center. Sells bagels, donuts, candy, coffee, tea, yogurt, soup, and cider. Open 24 hours a day, 7 days a week (except during occasional closing for cleanings).

LSC refreshment stand — Located in 26-100 during LSC movies. Lots of popcorn, candy, and chocolate at reasonable prices.

Don't panic — you can always eat at Milliways.

— Zaphod

War is Peace
Freedom is Slavery
Commons is Edible

— Drop poster at Freshman Picnic



Etc . . .

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Appendix 1—Lexicon

The following is a dictionary of MIT words, phrases, and acronyms. Terms commonly identified by either acronym or name are listed here by acronym. Alphabetically, acronyms are listed before words.

AI — Artificial Intelligence.

All Tech Sing — An annual event held every spring during Spring Weekend.

APO — Alpha Phi Omega, national service fraternity (W20-415, x3-3788).

ASA — Association of Student Activities.

AWS — Association for Women Students.

Beast from the East — Resident of Second East, East Campus.

Beaver — MIT mascot.

Big Sail — The official name of the steel sculpture south of the Green Building. Site of the annual spontaneous tuition riot. Usually called Great sail.

Big Screw — A 36″, solid aluminum, left-handed thread, wood screw presented by APO during Spring Weekend to the faculty or staff member voted most deserving.

Bomber — Resident of Burton Third.

Brass Rat — Ugly hunk of gold some MIT students and alums wear on a finger.

Bridge circuit — A running course along the Charles River which includes the BU, Harvard, and/or Longfellow Bridges. Not to be confused with a circuit bridge.

Bronze Bunny — Sculpture in Lowell Court (Building 1). Officially named "Three Piece Reclining Figure, Draped."

Bruno — A unit of volume resulting from a piano's falling six stories onto Amherst Alley from the roof of Baker House.

BSO — Boston Symphony Orchestra.

BSU — Black Students Union.

Bummer — Post-**choke** or post-**screw** description of said screw or choke; in general, something not good.

Bug — (1) A natural or introduced flaw, often the cause of a **crash.** (2) One of our cherished friends inhabiting MIT dorms, they do not pay tuition, nor, more relevantly, rent.

Busted — Arrested.

by definition — (1) Clearly, obviously. (2) Necessarily. (3) "I can't remember why."

CAP — Committee on Academic Performance.

CAES — Center for Advanced Engineering Studies (Building 9).

DAVS — Center for Advanced Visual Studies (Building W11).

CEP — Committee on Educational Policy.

ChemE — Chemical Engineering (Course X).

CivE — Civil Engineering (Course I).

COC — Committee on Curricula.

COD — Committee on Discipline.

CSC — Chinese Students Club.

CVA — Committee on the Visual Arts. Student-faculty committee responsible for the placement of "art" on campus.

Cambridge Tool & Die — local nerd shop; not to be confused with *Tool & Die*, an MIT "humor" magazine that is occasionally published.

Camp Cambridge — MIT.

Caveat emptor — Let the buyer beware.

Centrex — Central Exchange, MIT's main phone system. Owned by Ma Bell.

Chancellor — The office previously held by Paul Gray. No longer exists.

Cheney Room — Margaret Cheney Room (3-310), for women students only.

Chocolate City — Top three floors of New House 1.

Choke — To snatch defeat from the jaws of victory.

Chorallaries — Close-harmony vocal group.

Compton Lecture Hall — Room 26-100.

Concourse — An experimental freshman program. Prof. Jerry Lettvin (x3-3200) has more information.

Coop — Co-operative store. Located on the first floor of the MIT Student Center, in Harvard Square, and at other locations. *See* **Shopping** section.

Course — (1) Department major. (2) Subject (e.g. 5.40). **Note:** the Registrar's Office has declared (2) an invalid definition.

crash — (1) To sleep in a place where one has not paid rent, such as a friend's apartment. (2) To join a party without being invited. (3) To cease functioning, as in a computer system.

cretin — A fool.

crock — (1) Something that has been botched, e.g. "What a crock." (2) Bucket, e.g., "This is a crock of shit."

crunch — (1) What happens at the end of the term. (2) Process mindlessly, as in number crunch.

CSR — Center for Space Research (Building 37).

dl — Dormline.

D-Labs — see Draper.

DSA — Dean for Student Affairs (7-133, x3-6776).

Deke — Delta Kappa Epsilon fraternity.

dope — (1) Marijuana, rarely other drugs. (2) Trace impurity added to pure substance to alter properties. (3) Moron (obsolete).

Dormcon — Dormitory Council. The central dormitory governing and coordinating body.

Dormline — Ma Bell dormitory telephone system.

Double E — *See* **EE.**

Down — (1) Feeling depressed. Said of a person. (2) Non-working, gronked. (Said of a computer.)

Draper — Formerly Instrumentation Labs. Works on inertial guidance systems, radar, etc. Divested by MIT due to student protest over a decade ago. Hires many MIT students.

drop — De-register for a subject during the term.

DSRE — Division for Study and Research in Education.

DYA — Domestic Year Away.

EE — Electrical Engineering, Course VI-1.

EECS — Electrical Engineering and Computer Science (Course VI).

ESG — Experimental Study Group. An alternative freshman program located at 24-612. Dean Robert Halfman (x3-7786) has more information.

ESP — Education Studies Program. Runs HSSP (High School Studies Program), in which MIT students design and teach their own courses to high school students.

Emeritus — Retired from regular service with honor. *See* **professor.**

Ernie — Resident of Burton 5. Formerly **Smoker.**

Finboard — Finance Board. The undergraduate body charged with proposing and administering the Undergraduate Association budget and funding student activities.

flushed — (1) Turned down or out. Disappointed in some endeavor, usually involved in selling oneself. Example: "I got flushed at the mixer." (2) Get a reddish hue on one's face from heat, exertion or embarrassment. Example: "I got flushed at the mixer." (3) Disposed of. When said of a person, this connotes dismissal or expulsion. Example: "I got flushed at the mixer."

Flame — To speak obnoxiously and/or at great lenglth.

Frappe — In New England, a snack made up of milk, syrup and ice cream. It's called a "milkshake" in the English-speaking world.

Funny money — Funds for computer time.

G — Graduate.

GA — General Assembly. Undergraduate governing, coordinating, and information-distributing agency. Consists of the sum of living group representatives.

GAMIT — Gays at MIT. (unrelated to this book).

GSC — Graduate Student Council. The governing body for graduate students as a group (50-110, x3-2195).

Generate — Create, come up with.

Glitch — Bug; cause of sporadic gronkedness.

Grease — The governing body of an organization.

Greasy — *a.* Said of someone intimately involved in student activities; a denizen of Stratton 4.

Great Sail — see **Big Sail.**

Green Line — (1) One of Boston's four subway lines. (2) Former access method to the roof of the Green Building.

Gritch — *v.* To complain. *n.* Complaint. Not to be confused with glitch, which is the cause of a gritch.

Grogo — Mascot of *Technique,* the yearbook. A big ape.

Gronked — Kaputt, non-functioning.

Grungy — Grubby and dingy. What you feel like after studying 20 hours straight for a final in 85° heat.

Hack — *n.* A trick or prank. For example, having a balloon pop out of the field in the middle of the Hahvahd-Yale football game or getting elected UAP are fine hacks. *v.* (1) To goof off, talk randomly, just hang around. (2) To apply oneself, work hard, try earnestly. Example: a computer hacker. Also connotes fanaticism. (3) To harrass somebody, whether in fun or maliciously.

Hacker — (1) One who hacks. (2) One who does a lot of some activity, e.g. pinball hacker.

Hahvahd — The big red-brick school, both Up The Street and Up Chuck River. Little liberal arts school.

Hahvahd Bridge — The MassAv bridge from MIT to Boston, which measures 364.4 Smoots + 1 ear.

HoJo — Howard Wesley Johnson, present chairman of the MIT Corporation and former president of MIT. Reputed to be distantly related to the late ice cream and motel magnate.

HoToGAMIT — The old name for this book, which was always pronounced "how to gam it;" now it's spelled that way.

HowToGAMIT — The new, superior name for this book.

Hub — Boston.

Huntington Hall — Room 10-250.

IAP — Independent Activities Period. The month of January at MIT.

IFC — Interfraternity Conference. The central coordinating and governing body of the fraternities. Counterpart to **Dormcon.**

IHTFP — (1) I Hate This Place (If you can't figure it out, you don't deserve to know). (2) I have truly found Paradise. (3) It's hard to fondle penguins. (4) I help tutor freshman physics. (5) I have to forever pay. (*See* **TDM.**) (6) Interesting Hacks To Fascinate People. Hacking group that publishes TUNL.

IPC — Information Processing Center (Bldg. 39).

IPS — Information Processing Services (Bldg. 39).

Infinitely — Exceedingly, really, quite. Example: "infinitely screwed up."

Institute — MIT.

Institute Professor — *See* **professor.**

Instructor — (1) Man who stands in front of students and lets fall pearls of wisdom. (2) Academic rank in the lower echelons of the junior faculty.

Interphase — An intensive summer academic program, primarily for minorities, that is designed to ease the transition from high school to MIT.

intuitively obvious — (1) Too simpleminded to deserve explanation. (2) More often, too abstruse to explain if the speaker understands it at all.

"Is this how I get to Baker House?" — Classic line told by a freshmen to a Campus Police officer when caught in the steam tunnels.

JYA — Junior Year Abroad.

Jack Florey — Mythical resident of fifth West, East Campus. It is also a hacking group.

jock — (1) An athletic supporter. (2) An athletic supporter. (3) Anyone who does a lot of something.

Judcomm — Judicial Committee, a generic term signifying a group of students charged with enforcing student laws. Usually attached to a living group.

k — One thousand (of anything).

KK — Kosher Kitchen.

Killian Court — Great Court.

kiosk — (1) One of the large cylindrical bulletin boards located in halls around the Institute. (2) A newspaper stand located in the street, such as the one at Harvard Square.

kludge — (1) A Rube Goldberg-style device which appears unlikely to work but does anyhow. (2) Something complex that doesn't work. Example: this definition.

Knight — (1) Resident of Burton Two. (2) What follows Kday.

Kresge — The hump between the oval and the athletic field. Used for lectures, movies, concerts, conferences, and, less frequently, skiing.

Lambchops — Lambda Chi Alpha fraternity.

Laboratory for Computer Science — Interdepartmental facility devoted to research in the computer and information sciences (x3-6201).

lecturer — (1) One who lectures. (2) Low, low academic rank.

living group — The place where you live (may not apply for some people found in the Student Center Library).

L-Lab — Lincoln Laboratory, a special MIT-aimed laboratory located in Lexington. Its specialties include optics, radio physics, data systems, radar, and re-entry systems.

Logarhythms — Small male vocal group.

LSC — Lecture Series Committee. A student non-non-profit organization that puts on movies, lectures and other entertainment for the MIT community.

MBTA — Massachusetts Bay Transportation Authority. Operates the Boston area mass transit, well, not too horribly. Known as the "T".

MechE — Mechanical Engineering, Course II.

MIT Community — Nearly 20,000 students, faculty, researchers, staff and employees at MIT. Sometimes used more expansively to include their families and alumni.

MITERS — MIT Electronic Research Society.

MITOC — MIT Outing Club.

MITSC — MIT Skydiving Club.

MITSFS — MIT Science Fiction Society. Pronounced "mittsfiss," "mitt-siffs," or "misfits."

MITV — MITelevision.

MOF — Smile and ask a Baker resident.

MRS — Model Rocket Society.

MTG — Musical Theatre Guild.

Mariah — A long piece of laboratory rubber tubing filled with water; useful in waterfights. Also spelled "moriah."

Midnight requisition — How you get something when normal suppliers are closed.

Milkshake — Snack made with milk and syrup, but *no* ice cream. If you want a "milkshake," order a frappe.

Moat — The wet thing wrapped around the Chapel. A good place to throw obnoxious people.

Multics — Multiplexed Information and Computing Service, a time-sharing computer system, reputed to be the world's slowest and largest.

mumble — A verbal expression used to replace actual mumbling.

munge — *v.* To mangle, mutilate, mess up badly.

n — A random number with various connotations. There are n ways to beat (or get screwed by) the system, as $n \rightarrow \infty$.

NGL — Nobody gets laid.

NRSA — Non-Resident Student Association.

NSRA — Non-Student Resident Association.

nerd (pronounced *gnurd*) — Someone who studies too much, an undesirable person. Frequently connotes contempt. General insult noun, not necessarily unfriendly.

non-optimal — (1) In need of improvement. (2) Horribly bad.

nontrivial — (1) Very difficult. (2) Impossible. *See* **trivial.**

nuke — *n.*(1) Nuclear power plant. (2) Nuclear weapon. *v.* Attack with a nuclear weapon. *e.g.* "Nuke'em till they glow".

OR — Operations Research.

ORK — Order of Random Knights, a hacking group.

OSP — Office of Sponsored Programs. An administrative apparatus overseeing outside research grants and works at MIT.

petition — *n.* A form used to request something unusual with regard to academics, such as placing out of all of your upper-class requirements. *v.* To fill out a petition form, submit it to the proper authorities, and satisfy other protocols associated with that kind of activity.

placement — The process of career counseling, graduate school counseling, and finding a job (summer, temporary, or permanent). Often occurs at Placement Office.

Player — Resident of Burton Four.

Postdoc — Postdoctoral fellow.

Postgrad — Graduate student.

powertool — *n.* An electrically operated tool. *v.* What one has to do to catch up on the entire term in any given course the night before the final exam in that course.

professor — (1) Person teaching a course. (2) Academic rank with three levels (assistant, associate, full) comprising the main body of the faculty. Most full professors have tenure. (3) Institute Professor: Academic post recognizing exceptional distinction. The Institute Professor can work as he wishes on research and teaching, without

regard for formal boundaries or duties. (4) Professor Emeritus: Faculty member who has reached 70 (mandatory retirement age) but who is working (legally) at up to 50% of his former load.

Provost — The senior academic officer, who assists the President of the Institute in addition to carrying on projects of his own. The current provost is Francis Low.

punt — *v.t* To determine after analytical deliberation not to do something, said something often being academic in nature. *v.i.* To be in the process of not doing something.

quantum mechanics — People who repair quanta.

RA — Research Assistant. Usually a graduate student employed by his department, receiving pay plus a tuition allowance for his research duties. Funded by outside grants.

RLE — Research Laboratory of Electronics, an Interdisciplinary lab in Building 38.

ROTC — Reserve Officer Training Corps. Military officer training program operating within MIT and some other colleges. Pronounced "rotsie."

random — (1) Any. (2) Indeterminate, sometimes connoting number. (3) Without order, garbled. (4) Average person. (5) Resident of Random Hall.

Red Staple — Sculpture by Tang Hall. Officially named "For Marjorie."

rip-off — (1) A theft. (2) Something so outrageously expensive as to be almost a theft. Example: tickets to Bruins' hockey games are a real rip-off.

SAA — Student Art Association.

SACC — Social Action Coordinating Committee. (obsolete)

SAS — Student Assistance Services.

SCA — Society for Creative Anachronism.

SCC — Student Center Committee.

SCEP — Student Committee on Educational Policy.

SEG — (CENSORED — smile and ask an upperclassman.)

SGS — Strategic Games Society.

SIPB — Student Information Processing Board. Pronounced "sip-bee."

Sala — Sala de Puerto Rico. Large all-purpose room in the Student Center donated by Puerto Rico.

SCL — Student Center Library

screw — (1) Bad thing, such as the Institute Screw or "screwed to the wall." (2) What nuns don't do.

scrod — *n.* A baby codfish. Example: "I got scrod by Dining Service." *v.* Past tense of screw. Example: "I got scrod by Dining Service."

scrump — The dance of life.

secretary — One who is paid starvation wages to run everything.

shrink — Psychiatrist.

Smoker — Outdated name for Burton Five resident. *See* **Ernie.**

Smoot — Unit of measurement of the Harvard Bridge.

snow — *v.* (1) To impress someone, such as a date. (2) Favorably confuse with a profusion of detail. *n.* (1) Brown, cold particles that cover sidewalks and gutters through Boston winters. Reputed to contain water.

Sport Death — Philosophy at Senior House.

Squanch — Resident of East Campus Third East; short fellow with picket sign and wilted flower.

Stratton House — (1) Student Center (3rd, 4th, and 5th floors). (2) Not just a living group, it's a way of life.

Stud Center — Student Center.

subject — One or two professors, N students, a room, a formal curriculum, a formal subject number, and a formal grade, except when it isn't.

TA — Teaching Assistant. Usually a grad student employed by his department, receiving pay plus a tuition allowance for teaching duties. Funded by the Institute.

TCA — Technology Community Association. Has an office on the fourth floor of the Student Center. Operates various MIT community-related projects such as the Red Cross Blood Drives, ticket service, used-book exchange, The Bus, duplicating facilities and silk-screening facilities. Also writes and publishes *HowToGAMIT.* (W20-450, x3-4885).

TDM — Too Damned Much. Refers to tuition.

TFM — See TDM.

TMRC — Tech Model Railroad Club. (pronounced "tumurk.").

TWO — Technology Wives Organization. Former name of Tech Community Women.

Tech — *archaic.* MIT. Now called The Institute.

Tech Square — (1) Member of the MIT Square Dancing Club. (2) Group of buildings located northeast of MIT.

THA — Technology Hackers Association. A clandestine student hacking group.

tonic — Soda, New England-style.

tool — *v.* To study. *n.* (1) One who studies to an extreme. Connotes over-concentration on problem sets. Supertool: an extreme extreme. (2) MIT student. Slightly derogatory.

Transparent Horizons — East Campus scrapheap traditionally buried in snow each winter.

trash — To destroy or vandalize, especially during a riot.

trivial — (1) Obvious. Often said sarcastically. (2) Easy to do.

Tuition Riot — Traditional "spontaneous" demonstration held to celebrate a tuition increase.

TUNL — Technology Underground News Letter. Hacker newsletter published by IHTFP.

turkey — (1) A chestnut-stuffed, giblet-jammed tom gobbler. (2) One lacking common sense.

'Tute — MIT.

U — Undergraduate.

UA — (1) Undergraduate Association. Organization of all MIT undergraduates (W20-401). (2) Urban Action.

UAP — Undergraduate Association President. Presides over General Assembly and has other random duties.

UASO — Undergraduate Academic Support Office. Its previous incarnations were known as OFA (Office of Freshman Advising) and FAC (Freshman Advisory Council).

UAVP — Undergraduate Association Vice President.

UMOC — Ugliest Man On Campus, beauty contest run by APO. 1¢ per vote, all going to charity. Vote early! Vote often! Vote for your roommate!

UROP — Undergraduate Research Opportunity Program. A source of credit and dollars for many.

Urban Action — A student organization dedicated to community service which helps find projects for enthusiastic volunteers (20A-001, x3-2894).

urchin — Term, among others, for anyone (especially a high school kid) who hangs around and makes a pest of himself, frequently causing objects of value to sprout legs and walk away.

Vardebedia — Fifth floor of New House 4.

Vigilantes — Resident of MacGregor F-entry.

Virjin — resident of MacGregor J-entry.

Women's League — Service and social organization for all MIT Women. Formerly Tech Matrons.

Zebe — Zeta Beta Tau fraternity.

Alice had not the slightest idea what Latitude was, or Longitude either, but she thought they were nice grand words to say.

— Lewis Carol

Appendix 2 — Miscellaneous

In this section are collected the small items which don't seem to fit in any other category. Subjects are arranged alphabetically.

Address Change

If you change your **home address,** fill out a new address card at the Registrar's Office (E19-335).

When you change your **term address,** don't forget to notify the Information Office. It is also very useful to tell an MIT Operator (Dial O).

Blood Drives

There are five blood drives at MIT each year: two 10-day drives, two 2-day drives, and a 1-day drive. The September, January, and July drives are run on a walk-in basis only. For the other drives, appointments may be made; scheduling forms are available in the TCA office (W20-450) four weeks before each drive. The blood drive hours vary from day to day; look at a scheduling form or call x3-7911 for the hours during a particular drive.

All drives are run by TCA for the benefit of the American Red Cross and the MIT community. Through these drives the MIT community gives proportionately more blood than any other group or institution in New England. The big drives in the fall and spring are massive organizational efforts that require the help of many, and TCA always welcomes new volunteers. For further information call x3-7911 or x3-4885.

Buildings, Problems with

Physical Plant is responsible for all MIT buildings. If there is a problem such as lack of light, heat, or water, call the Physical Plant Control Center (x3-4948: xFIXIT) 24 hours a day.

Credit Union

The Credit Union is a federal corporation, not a part of the Institute. The Union is similar to a small savings and loan bank. All permanent employees on the MIT payroll are eligible to become members by buying one share in the Union. The amount of money that can be borrowed on a signature is determined by length of employment. The Credit Union Office (E19-601, x3-2844) has more detailed information and an explanatory pamphlet.

Employees Educational Benefits

Children of faculty and staff are eligible for full **scholarships** at MIT and scholarships of up to 50% of MIT tuition at accredited colleges. **Loans** are also available for children's college expenses. The Treasurer's Office (4-105, x3-2822) has details.

Regular employees are eligible for partial or total reimbursement for educational costs connected with their careers at MIT. Contact Sherry Capano (x3-4276) for details.

Experiments on Humans

If you are participating as a subject in an experiment, whether it's run by an MIT person or anyone else, you can contact the Committee on the Use of Humans as Experimental Subjects (56-511, x3-4718) to check whether it poses a hazard to either your physical or mental well-being. Any experiment conducted at MIT that might put the subject at risk — physically, psychologically, or otherwise — must be cleared with the Committee. Check with Dr. Gould of the Medical Department (x3-4718) for details.

Family Services

The Institute maintains an Office of Social Work Services (E23-344, x3-4911) as an adjunct to the Medical Department. It maintains a good list of available family services and is open for consultation and advice on all family matters.

ID Cards

ID cards may be picked up in the UASO (7-104) for freshman and in the Cashier's Office (10-180) for upperclassmen about one month after photos are taken. In the meantime, use the temporary ID supplied on Registration Day. If you lose your card, the Cashier's Office will issue a new one for $5. Lost cards should be reported immediately to the Student Accounts Office (E19-215) and your bank as they can be used to cash checks. (The picture can be changed quite easily.)

International Student Identity Cards can be obtained at the Student Assistance Services Office (5-106). They offer numerous discounts abroad on theatres, museums, lodgings, and intra-European airfares.

Department headquarters have ID cards for **employees.** They must be shown at the Medical Department, MIT libraries, and athletic facilities.

Lost and Found

Check the Student Center Office (W20-343, x3-2901) for items lost in the Center, Kresge, or the MIT Chapel. Around dormitories, check the main desk. In any case, after two weeks everything is supposed to be sent to the master lost and found (W31, x3-2996). Valuables are held there for at least four months, and other things (e.g. gloves, hats, shoes) for two months. Sets of keys are handled in the same manner as other things.

If you're afraid of loneliness, don't marry.

— Anton Chekhov

Marriage

1. Congratulations! and good luck.

2. You can have the ceremony performed in the MIT Chapel if you wish. Call Dean Immerman's office at x3-7974.

3. Financial Aid usually will not increase the grants you are getting, nor will it give you one if you are not already receiving MIT support. Under normal circumstances, your spouse is expected to work to earn the equivalent of his/her support. But by all means stop by the Financial Aid Office and talk with the people there; maybe you are a special case. Some fellowships have increased stipends if you "acquire" dependents.

4. The Deans, social services staff and religious counselors are available to talk things over with you and can be very helpful in discussing aspects of married student life.

Well, thee knows it takes a mighty good husband to be better than none.
— Elderly Quaker Woman

Missing Persons

If you can't find someone, call the DSA Office (x3-4861) or Campus Police (x3-2997) and the Senior Faculty Resident of your dorm if you live in one. Be prepared to supply all the relevant information on the missing person. Don't call the person's home unless it's absolutely necessary. The Dean's Office will handle it.

Notaries Public

At MIT you can have documents notarized (legally certified) by Mrs. Barclay (E19-341). Other people occasionally serve as notaries; check with the Information Office (7-121, x3-4795) or the Institute Directory for a current list. Outside MIT, your bank should provide a notary public free of charge.

Post Offices

Student Center basement: M-F 8-5
Kendall Square: M-F 8-5
Central Square: M-F 8-5:30, Sat. 8-12 noon
Coolidge Corner: M-F 8-5

Postdoctoral Fellows

Depending on what aspect of MIT you are dealing with, you will be classified as student, faculty, or staff. Normally this situation works to your advantage, but if you don't like it, a complaint can be made.

The availability of Student Health Insurance is useful, as is student status (non-candidate for a degree) for federal income tax returns. You can also claim student

status in order to maintain out-of-town registration for a car (assuming the insurance company involved agrees). You must file with the local polcie for a student automobile tag (described elsewhere in this book or by Campus Police).

Faculty status is helpful in applying for an MIT library card. Relegation to the staff category occurs with regard to parking lot assignments, obtaining a Coop card, and purchasing an athletic card ($40).

There is no official identification card connecting a postdoctoral fellow with the Institute. A letter of appointment from the President's Office, which should arrive a few weeks after you fill out forms with your department, is the most useful means of identification. If you need a temporary ID, Virginia Lyons at the Information Office (7-121, x3-2851) may give you one. Afterwards, your MIT library card should suffice.

There is a special department of Hell for students of probability. In this department, there are many typewriters and many monkeys. Every time that a monkey walks on a typewriter, it types by chance one of Shakespeare's sonnets.

— Bertrand Russell

Prejudice

If you feel mistreated in any way for reasons of racial, ethnic, or sexual bias, speak to the deans (5-106, x3-4861). If you feel you have been the victim of discrimination in employment or other opportunities, take your complaint to the Equal Opportunity Committee (Patricia Bell-Scott, 7-203, x3-4516).

MIT has an Affirmative Action Plan presenting the Institute's objectives and procedures for ensuring equal opportunity for minorities and women in employment (both) and in letting contracts. Copies of this plan are on file in the Information Center (7-121, x3-4795), in the various Personnel Offices, in the Office of Minority Affairs (Clarence Williams, 10-211, x3-5446), and in the Office Women and Work (Mary Rowe, 10-213, x3-5921).

Massachusetts also maintains an agency to deal with cases of suspected discrimination, the Massachusetts Commission Against Discrimination (120 Tremont St., Boston, 727-3990).

Special Events

For information on planning concerts, dances, mixers, and the like, contact the Undergraduate Association Office (W20-401, x3-2696), the Dean of Student Activities (W20-345, x3-7974), or the Partyline (x3-3942).

Summer Employment

The on-campus job situation varies from year to year. A good idea is to get involved with a research project, which pays fair money and is good experience. See your favorite professors. Some term-time jobs can be continued over the summer — libraries, Walker or Lobdell dining service, the Coop, and various lab and computer jobs.

Outside of MIT, the rules are the same as applying for a job anywhere. It pays to apply early. It pays double to know people. The Student Employment Office's (5-119) files of job opportunities are the most complete for this area. SIPB (11-205) also maintains a listing of computer jobs.

Weather & School Cancellations

NOAA's weather service (x3-1234) gives predictions for the next forty-eight hours. MIT rarely closes for inclement weather; if it does, the decision is usually made around 6 am and released to WHDH radio (850AM). Don't call the MIT switchboard because it will be swamped. Instead call 253-SNOW (SNOW = 7669) or dl155 for a recorded message.

At night, the light on top of the old Hancock Tower gives the National Weather Service forecast for the following day. The significance of the colors follows: **blue** = clear; **flashing blue** = overcast; **red** = rain; **flashing red** = (winter) snow or (summer) the Red Sox game is cancelled.

I feel that at least half the graduates here are sane.

— Prof. Anon.

Appendix 3 — Local Colleges

Colleges Around Boston

There are more than a quarter million students in the Boston area, 100,000 male and 150,000 female. The following list provides terse coverage of local schools. Wellesley has a special relationship with MIT, and is discussed in greater detail at the end of this section.

Amherst College — (1200 undergraduate men, 1300 undergraduate women) Located in the famous Connecticut River Valley, Amherst College is known for its fine academic programs, mostly in the liberal arts. 95% of students live on campus. (413-542-2000)

Boston College — (13,000 students) Located at Chestnut Hill near Newton, Boston College is a large Catholic university and 24% of the undergraduates live on campus. (969-0100)

Boston State College — (11,000 students) A state teachers' college with no residence facilities (625 Huntington Ave, Boston).

Boston University — (25,000 students) Boston University's campus extends along the Back Bay, across the Charles River from MIT. It offers both graduate and undergraduate courses in all fields, and draws students from across the nation and around the world. It is a private institution with Methodist ancestry. 50% of the students live on campus, and most of the rest are scattered through Boston, Brookline and Cambridge. A cross-registration program exists between BU and MIT. Most social activities are closed to outsiders, but resourcefulness might pay off (353-2000).

Brandeis University — (3500 undergraduates) Brandeis is located in Waltham and offers both graduate and undergraduate liberal arts courses. 75% of the students live on campus and most of the rest live in either Waltham or Cambridge. Brandeis has a very large Jewish student population (647-2000). It is located at the end of the number 70 Bus line from Central Square.

Emerson College — (1600 undergraduates) Emerson College is located on Beacon Street between Arlington and Clarendon Streets. It is a specialized, private school concentrating in communication (speech, drama, mass communication, education). Freshmen and sophomores (45% of the student body) live on campus (262-2010).

Emmanuel College — (700 undergraduates) Emmanuel is a Catholic liberal arts college. 60% of the students live on campus (400 The Fenway, Boston, 277-9340).

Harvard University — (21,000 students) Probably the most renowned university in Harvard Square. Harvard offers graduate and undergraduate education in virtually every field. The student body comes from all over the world. **Radcliffe College** is the women's division of Harvard, sharing all clases, dorms, and activities. Harvard is located 2 miles up Mass. Ave. from MIT, and most students live on or near the campus. Harvard has a cross-registration program, and a joint Biomedical Engineering graduate program with MIT. Maps of Harvard are available at the Information Center and the TCA office. (495-1000; or use the tieline, dial 186-5-5000 from a Centrex extension or 2-186-5-5000 from a dormline.)

Lesley College — (1400 women students) Lesley is a private teachers' college located right behind Harvard Law School. Eighty percent of the women live on campus. Lesley and Harvard have a cross-registration program (868-9600).

Massachusetts Institute of Technology — (8200 students) A small technical school, located in Cambridge along the banks of the Charles River. Graduate and undergraduate education polarized around science and technology. Said to have the largest percentage of foreign students (18%) in the country (253-1000).

Northeastern University — (40,000 students) The largest coeducational private university in the country, Northeastern offers the usual range of courses. 46% of students live on campus (437-2000).

Simmons College — (2300 women students) Simmons is a compromise between a liberal arts and professional school, and specializes in the sciences. Eighty percent of the undergraduates live on campus. The school is convenient to Kenmore Square and the Gardner and Fine Arts museums (738-2000).

Smith College — (2500 undergraduate women) Liberal arts specialization. Located in Amherst Valley, 95% of students live on campus, but known for outgoing student body (413-584-2700).

Tufts University — (6500 students) Tufts University is located on Walnut Hill in Medford and maintains medical and dental schools on Harrison Ave. in Boston. It is a private institution offering the usual range of curricula. Ninety-two percent of the undergraduates live on campus. Jackson College, the women's coordinate of Tufts, has the same relationship with Tufts as does Radcliffe with Harvard, including coed housing. MIT has a cross-registration program with Tufts. You can travel by bus from Harvard Sq. or Lechmere (628-5000).

University of Massachusetts, Boston Campus — (7000 students) This state college offers a liberal arts undergraduate program. No residential facilities (929-7000).

"Contrariwise," continued Tweedledee
"If it was so, it might be; and if it
were so, it would be; but as it
isn't, it ain't. That's logic."

— Lewis Carrol

Wellesley College — See section on Wellesley, following.

The following schools, listed with their information numbers, are also nearby and may be of interest:

Babson College, Wellesley (235-1200)
Bentley College, Waltham (891-2000)
Berklee College of Music, Boston (266-1400)
Boston Architectural Center, Boston (536-3170)
Boston Conservatory of Music, Boston (536-6340)
Burdett School, Boston (267-7435)
Chamberlayne Junior College, Boston (536-4500)
Curry College, Milton (333-0500)
Deaconness School of Nursing, Boston (732-8343)
Eastern Nazarene College, Boston (773-6350)
Fisher Junior College, Boston (262-3240)
Katherine Gibbs School, Boston (262-2250)
Lasell Junior College for Women, Newton (243-2000)
Massachusetts College of Art, Boston (731-2340)
Massachusetts College of Pharmacy, Boston (732-2800)
Mount Holyoke College, Amherst Valley (413-538-2000)
Mt. Ida Junior College for Women, Newton (969-7000)
New England Conservatory of Music, Boston (262-1200)
Pine Manor Junior College, Chestnut Hill (731-7000)
Regis College, Weston (893-1820)
Salem State College, Salem (745-0550)
Stone Hill College (238-1081)
Suffolk University, Boston (723-4700)
Wentworth Institute of Technology, Roxbury (442-9010)
Wheelock College, Boston (734-5200)

Wellesley

The Wellesley campus is fifteen miles away from MIT, and after doing time by the Charles, it's quite a change to see grass, trees, hills, a lake and the silence that comes from having much space between you and the nearest car (the silence is *not* seen).

There are other attractions as well.

Wellesley has an official tie with MIT in the MIT-Wellesley cross-registration program. There are other opportunities for getting involved in Wellesley activities, but you have to be enterprising; they aren't well-publicized.

Over IAP there is an MIT-Wellesley residence exchange, with MIT people going to live at Wellesley for a term and Wellesley people coming here. Check the exchange office for information.

Wellesley College Campus



Getting There

Though located 15 miles out of town, Wellesley is not hard to reach. A free bus service is part of the cross-registration program, running approximately hourly on weekdays only. The bus schedule is available in the cross-registration office (7-108, x3-1668). It is supplemented on weekends by the Wellesley student government bus, which costs $1.25 a ride. A schedule and tickets can be obtained at the Schneider Center at Wellesley and at the 24-Hour Coffeehouse (they cost $1.50 there). If you have to resort to public transportation, the usual way is to take the MBTA Green Line to Woodland, then hitch.

Lake Waban

In late spring there is swimming in the lake under supervision of a lifeguard (at the little beach near the boathouse). No swimming is allowed when the lifeguard is not on duty. Talk to Dave Martin (MIT x187-2025) at the Wellesley boathouse about using sailing, rowing and canoeing facilities. A Wellesley Small Craft Permit, MIT sailing card, or its equivalent is a prerequisite.

Green Growing Things

The Hunnewell Arboretum is a natural bowl in the northeast corner of the campus, graced by flowering trees and shrubs. At the bottom of the hollow is a small pond.

The nearby Alexandra Botanical Garden consists of a bunch of grass with a stream running through it, some labeled trees and shrubs, lots of flowers and Paramecium Pond.

The greenhouses which connect to Sage Hall are divided into rooms in which different climates are simulated. Plants accustomed to each climate may be found therein, ranging from tomatoes to coconut palms (plus some man-eating orchids). For info about accessibility call the Biological Science Office (x187-3153).

Whitin Observatory

The observatory is equipped with 6″, 12″, and 24″ telescopes, as well as an astronomy library. People should check with the observatory (x187-2726) for the use of the facilities.

Jewett Arts Center

Jewett houses the Art and Music departments. Within the Art Building are studios, study rooms and the art library. The second floor holds a sculpture court. The Music Building contains practice and listening rooms, the music library and the auditorium. Connecting the two halves of Jewett is the Wellesley College Museum. Admission is free and the exhibits are changed every few months. For information, call the Art Office (x187-2043).

Music

For those interested in vocal music, there are several possible opportunities for MIT women. The Wellesley College Choir and the more selective Madrigal Group are potentially open to women who want to take some initiative in opening up channels (the Wellesley Madrigals is also open to MIT men). There are at least two other singing groups at Wellesley, namely the Tupelos and the Wellesley Widows; both groups sing various kinds of music and give a variety of performances. The Music Office (x187-2077) is the place to call for information. They can tell you who to get in touch with if you are interested in trying out for any of the groups mentioned above.

Black women who are interested in singing might investigate Wellesley's Ethos Choir. Contact the Black Students' Association in Harambee House (x187-2133).

If you are interested in chamber music, call x187-2077 for information about Wellesley's Chamber Music Society.

Theater

For information about the Wellesley College Theater, call Mr. Barstow at x187-2029.

Radio

WZLY (640AM) is Wellesley's radio station. It is located in the Schneider center (x187-2690). Those interested in broadcasting or working there should call the station for details.

Schneider

One of the oldest and ugliest buildings on Wellesley's campus, the former Billings Hall has been completely renovated and now houses the Schneider College Center. It is the terminal for the Wellesley-MIT Exchange buses and contains study areas, an MIT lounge, meeting rooms, the Bus Office and "Cafe Hoop" (a small coffeehouse). It also holds the Well (a snack bar) and various student organizations. Near Schneider is Harambee House, a social and cultural center for Black students. For information about the Harambee House, call Wynn Holme (x187-2133).

General Information

For information about most anything at Wellesley, including students' telephone numbers and information on student sponsored activities and events, call the Schneider information desk (the "Information Box," x187-2670), which is staffed by students. You can also call the Information Bureau (second floor of Green Hall, x187-2387), open Mon-Fri 9-4:30.

It is better to have loved and lost then never to have lost at all.

— Samuel Butler

Appendix 4 — Mwoh About Bahston

Those of you unfamiliar with Boston may feel that you are coming to just another American city which uses English as its native tongue. If so, you are due for something of a shock, and as another of its continuing services, TCA has persuaded a true native Bostonian to compile this:

Guide to the Language of Boston
Together with Commentary on the Strange Customs Thereof,
with
Pronunciation Guide
and a
Glossary of Native Vocabulary

Introduction: The accent of Eastern New England is characterized as a "twang." This means in general that the speech is quick and clipped. Rumor has it that in northern Maine it's so clipped that it sometimes dies off into pure silence. This, however, is not a problem in Boston. A "twang" also means that it has a tendancy to be nasal. An example of a nasal sound in English is the "ng" at the end of "looking." Now try applying this to a vowel and you've almost got it.

Of course, not all New England accents are the same. People in Western New England talk almost like the rest of the country, and many suburbanites are altogether too affected by the bland language of national TV. Proper Bostonians talk almost like Britishers, and state-of-Mainers have a delightful accent all their own.

It's only in Boston and nearby that one can hear the sweet dulcet tones of pure Bostonian English. While it may at first sound grating and harsh, even cacophonous to the inexperienced ear, you will soon grow to love it. *[ED. note: Ha!]*

Specific Characteristics

The disappearing "R" This is the most distinctive aspect of Bostonese. The combination "or" is pronounced as the word "awe." In extreme cases it is pronounced very nasally (approximately "woh") as in "Dorchester" (pronounced "Dwohchestah"). Note, however, that the "or" at the end of a word, as well as an "er" is pronounced as "ah." JFK talked about "vigah." Well, no one in Boston thought that strange. The classic example is "I parked my car in Harvard Yard," pronounced "I pahked my cah in Hahvahd Yahd." Actually, they don't allow cahs in the Yahd anymwoh.

The reappearing "R" Having discarded so many r's, Bostonians must put them somewhere, and they often end up pronouncing the words ending in "a" as though they ended in "er." Hence Cuba ("Cuber") and banana ("bananer").

The mysterious extra syllable Many words which you think have one syllable, appear to have two. This is even more common in Maine than in Boston. Examples: "there" ("they-ah"), "where" ("whey-ah"), "door" ("doe-ah"), and "Revere" ("Re-ve-ah").

The broad "A" The words "calf," "half," and "laugh" are pronounced to rhyme and have the same "a" sound as in "father." This is known as a "broad A," and in extreme cases may appear in words like "glass" and "grass."

Glossary

Localities
Quincy — (Quin-zee), a city south of Boston
Boston — (Baw-ston), a city north of Quincy
Worcester — (Wus-tah), second largest city in Massachusetts (and New England)
Gloucester — (Glos-tah), a seaport north of Boston

Food
Tonic — generic term for "soft drinks" (also acceptable). "Soda" ("soder") is gradually filtering into usage from visitors. "Pop" is not used.
Frappe — what you think of as a milkshake.
Milkshake — milk and flavored syrup, shaken up. Contains no ice cream.
Steamed Clams — world's best food.
Fried Clams — world's biggest crime to world's best food.
Clam Chowder — absolutely heavenly treat; contains no tomato.
Mahattan-Style Clam Chowder — tomato soup. Rumored to contain some clams, but this has never been substantiated.

Government
The Great and General Court — The official name of the legislature. What the legislature likes to call itself.
Those Crooks on Beacon Hill — What everyone else calls the legislature.
Governor's Council — A popularly-elected group of nine wheeler-dealers who must approve appointments by the Governor. About 20 years ago they almost had a quorum in the state prison.
Town — Main unit of local government in New England. Every square inch of Massachusetts is part of some city or town. Counties have insignificant power.
Town Meeting — An assembly of voters in a town. It runs the local government and is presided over by a moderator.
Selectmen — A board of local magistrates (generally 3 to 5) who run the day-to-day affairs of the town, according to the instructions of the town meeting.
Commonwealth — What Massachusetts is. There are 46 states and four commonwealths (Mass., Pa., Va., and Ky.) in the United States.

Highway Terms
Motorist — someone granted a license to hunt pedestrians and bicyclists.
Pedestrian — a hazardous occupation.
Bicyclist — a suicidal occupation.
Crosswalk — strange paintings on some city streets, the significance of which is unknown to the natives.
Traffic Light — a signalling device for drivers; **red** means stop, **green** means go, and **yellow** means accelerate. **Red** and **yellow** together mean to stop in all directions — pedestrians crossing. Blinking **green** means to be prepared for light to turn to **red.**

Miscellaneous

Harvard — (Hah-vahd), a small liberal arts college up the creek.
Blue Laws — Laws left over from the Puritan days, which say that anything you want to do on Sundays, you can't. Recently repealed.
Yankee — (1) to a foreigner; an American; (2) to a Southerner; a Northerner; (3) to a Northerner; a New Englander; (4) to a New Englander; a Vermonter; (5) to a Vermonter; Someone who eats apple pie for breakfast.
Common — A park in the center of a city or town. Generally has public buildings and churches clustered around it.
Down East — Maine.
Cradle of Liberty — (1) Boston; (2) Faneuil (fan-yul) Hall
Athens of America — Boston.
Hub of the Universe — Boston.
Midwest — area around Worcester, Mass.
West — area around Springfield, Mass.
Edge of Civilization — The Connecticut River.
Indian Country — Land west of the Berkshire Hills.
New York — (New Yawk), city, a suburb of Stamford, Connecticut.

Appendix 5 — Names of MIT Buildings

Some people hate to use numbers for all the buildings (or any of them). This listing was written just for them.

So that credit (or blame) can be placed where due, we list the architects after their creations. Curiously, almost all the designers of MIT buildings were either students or professors at MIT, or both.

Building	Name [Architect]
1	Henry L. Pierce Engineering Laboratory [Welles Bosworth]
2	No name [Welles Bosworth]
3	The Richard Cockburn MacLaurin Building [Welles Bosworth]
4	The Richard Cockburn MacLaurin Building
4A	Laser Laboratory
5	Pratt School of Naval Architecture and Marine Engineering [Welles Bosworth]
6	George Eastman Research Laboratory [Welles Bosworth]
6A	The Spectroscopy Laboratory
7	William Barton Rogers Building [Welles Bosworth; Harry J. Carlson]
8	Metallurgy Building
9	Center for Advanced Engineering Study [Skidmore, Owings and Merrill]
10	The Richard Cockburn MacLaurin Building
11	Homberg Building [Bosworth, Coolidge '83 and Carlson '92]
12	No name
13	The Vannevar Bush Building (Center for Materials Science and Engineering) [Skidmore, Owings and Merrill]
14	Charles Hayden Memorial Library [Voorhees, Walker, Foley & Smith; Anderson & Beckwith]
16	Dorrance Building [Anderson, Beckwith, & Haible]
17	Wright Brothers Wind Tunnel [Jackson & Moreland]
17A	No name [Jackson & Moreland]
18	Camille Edouard Dreyfus Building (Chemistry) [I. M. Pei]
20	No name [McCreery & Whiston]
24	No name [Anderson & Beckwith]
26	Karl Taylor Compton Laboratory [Skidmore, Owings & Merrill]
31	Sloan Laboratories for Aircraft and Automotive Engineering [Coolidge & Carlson; Anderson; Beckwith]
33	Daniel Guggenheim Aeronautical Laboratory [Coolidge & Carlson]
34	Edgerton, Germeshausen & Grier (EG&G) Education Center [Skidmore, Owings & Merrill]

35	Sloan Metals Processing Laboratory [Perry, Shaw, Hepburn & Dean]
36	Sherman Fairchild Building (east wing) [Skidmore, Owings & Merrill]
37	Center for Space Research [Skidmore, Owings & Merrill (Chicago)]
38	Sherman Fairchild Building (west wing) (Electrical Engineering & Communications Research Center) [Skidmore, Owings & Merrill]
39	Information Processing Service Center [Skidmore, Owings & Merrill]
41	No name [Welles Bosworth]
42	Power Plant
43	No name [Welles Bosworth]
44	The Cyclotron [McCreary & Winston]
45	Division of Comparative Medicine (Animal Facility)
46	No name
48	The Ralph M. Parsons Lab for Water Resources and Hydrodynamics [Perry, Dean, Hepburn, and Stewart]
50	Francis Amasa Walker Memorial Building [Welles Bosworth]
51	The MIT Sailing Pavilion
54	The Cecil and Ida Green Building (Center for Earth Sciences) [I. M. Pei]
56	The Uncas A. Whitaker Building (Center for Life Sciences) [Anderson, Beckwith & Haible]
57	The MIT Alumni Building (Alumni Swimming Pool) [Anderson & Beckwith]
58	The Office of Naval Research Generator [Anderson & Beckwith]
62	Wood, Hayden, Munroe (East Campus — west) [Welles Bosworth; Coolidge & Carlson]
64	Goodale, Bemis, Walcott (East Campus — east)
66	Ralph Landau Building (Chemical Engineering) [I. M. Pei]
70	East Parking Garage (Parking facility) [Marvin E. Goody; Carlton N. Goff]
E1	The President's House [Welles Bosworth]
E2	Ware, Atkinson, Runkle (Senior House) [Welles Bosworth]
E3	Holman, Nichols, Crafts (Senior House)
E10	Psychology Laboratory [Monks & Johnson]
E15A,B,C	No name [Coolidge & Carlson]
E17	Seeley G. Mudd Building
E18,19	Horace Sayford Ford Building (Formerly Daggett Building) [Rodgers Associates]
E20	No name [Wilson]
E21	No name [Wilson]
E23	Medical Department Health Services Center
E25	Whitaker College of Health Sciences Technology & Management
E32	The MIT Press [F. A. Stahl & Associates]
E34	No name [V. J. Galleni]
E38	Suffolk Building
E40	Urban Systems Lab (One Amherst Street, formerly Webster Building) [Densmore, LeClear & Robbins]
E42	The Hayward Garage [F. E. Leland]
E52	The Alfred P. Sloan Building [Donald DesGranges]
E53	The Grover M. Hermann Building (Social Science and Management Research Center) [Eduardo Catalano]

E55	Eastgate [Eduardo Catalano]
N4	Albany Street Garage [Perry, Dean, Hepburn & Steward]
N10	High Voltage Research Laboratories [C. Richmond, Jr.]
N42	Graphic Arts Building [E. H. McClarr]
N51	No name [Cleverdon, Varney and Pike]
N52	No name
N54	Lab Supplies
NW12	The Nuclear Engineering Building
NW13	The Nuclear Chemistry Building
NW14,15	The Francis Bitter National Magnet Laboratory
NW61	Random Hall
W1	Avery Allen Ashdown House (Graduate House) [H. B. Ball]
W2	Non-Resident Student Association
W2A	Religious Counselors' offices
W4	Stanley McCormick Hall (Women's Dormitory) [Anderson, Beckwith & Haible]
W5	Green Hall (graduate women's house, Formerly Sancta Maria Hospital and Homberg Infirmary)
W7	Everett Moore Baker House [Alvar Aalto]
W8	Harold Whitworth Pierce Boat House [Anderson, Beckwith & Haible]
W11	Center for Advanced Visual Studies [Goody and Clancy]
W13	Bexley Hall
W15	The MIT Chapel [Eero Saarinen]
W16	Kresge Auditorium [Eero Saarinen]
W20	The Julius Adams Stratton Building (Student Center) [Eduardo Catalano]
W23	Briggs Field House [Anderson & Beckwith]
W31	The Armory [Hartwell, Richardson & Driver]
W32	David Flett duPont Athletic Center [Anderson, Beckwith & Haible]
W33	Rockwell Athletic Cage [Anderson & Beckwith]
W34	Athletic Center
W41	Metropolitan Storage Warehouse [Peabody & Stearns]
W45	Vassar Street Garage (Parking facility 2)
W51	Burton House, Conner Hall [Silverman, Brown & Heenan]
W61	The Frank S. MacGregor House [Pietro Belluschi; The Architects Collaborative]
W70	New West Campus Houses [Sert & Johnson]
	House I — Russian House and Chocolate City
	House II — Ballard House
	House III — Lawrence House and Spanish House
	House IV— Coolidge House
	House V — Desmond House
	House VI — French House and German House
W71	500 Memorial Drive (Next House)
W84	Ping Yuan Tang Residence Hall [Hugh Stubbins Associates]
W85A-J	Westgate Married Student Housing [Hugh Stubbins Associates]
W91	The Aerophysics Laboratory [Jackson and Moreland]

Appendix 6 — Telephones

Telephone Information

MIT Telephone Systems

There are three phone systems at MIT. They are more or less independent but can be interconnected as described later. Learning how and if it is possible to call from one to another is not that easy. Procedure for calling Centrex and Dormline numbers from each system is summarized at the end of the corresponding sections below, while a separate section on how to dial outside MIT follows the description of Outside Lines.

1. **MIT Centrex Extensions** are any phones with numbers in the 253 exchange (253-xxxx). They may be found in Institute offices, a few fraternities, some classrooms, lounges, and many random places. They are rented from New England Telephone by MIT and are the backbone of the Institute's internal communication system. You can call dormlines, Harvard, Wellesley, and other selected places by using established tielines; see the Institute Telephone Directory for general information, lists of public extensions, and tielines. On most of these, you cannot call local numbers outside of MIT (unless there is a tieline); however, some phones may be used for local outside calls by dialing 9 first.

If you want to call a Centrex extension (253-xxxx) from
1) another Centrex extension, dial 3-xxxx;
2) a dormline, dial 2-3-xxxx;
3) outside MIT, dial (617) 253-xxxx.

2. **Dormlines** are located in dorm rooms and hallways, some Institute offices, public areas, and student activity offices. The dormline system is owned and operated by MIT. Dormline numbers are generally of the form 5-xxxx although some special numbers are of the form 1xx.

In order to call a dormline number (5-xxxx) from
1) another dormline, dial only the last four digits (-xxxx);
2) a Centrex extension, dial 5-xxxx;
3) outside the MIT systems, dial (617) 225-xxxx.

Note about Nomenclature: Whenever someone refers to an "extension," (especially secretaries or anyone paid by MIT), he or she probably means a Centrex extension. If you see a number written as four digits, an "x" or a "3" signifies Centrex, whereas "dl" or "5" denotes dormline. (E.g. x4885 or 3-4885 is the TCA Centrex number, while 5-7691 or dl7691 is the dormline for German House Desk.)

3. **Outside Lines** (regular telephones) may be rented from the **New England Telephone Company** (NET). Rates charged depend on what kind of service (message-unit, sub-urban, WATS, etc.) you use. Check with the phone company and estimate your

calling pattern before ordering. A common practice in dormitories and apartments is for several students to share the cost of a phone with unlimited metropolitan service. Additional monthly charges are made for touch-tone and trimline phones.

The number you have dialed is imaginary. Please multiply by i *and dial again.*
— Anonymous

Direct Lines to Outside Points

Use MIT dial numbers to save charges. The diagram on the next page shows what localities are tied directly to the Centrex system. To call a number at any of these, dial the indicated prefix followed by the extension number from a Centrex phone. Note that any of these may be contacted from a dormline by dialing 2, which gives a Centrex dialtone, and then calling as if from a Centrex phone. In addition, the diagram gives the prefixes needed to tie into Centrex from each locality if this occurrence is possible.

"Outside" calls include long-distance calls in both directions. Dialing 190 on selected Centrex telephones allows you to place credit card, third party, or collect calls. 90 is the equivalent prefix from Dormline telephones. (Remember: you can't make third number calls to a dormline.) From some Centrex extensions you can originate local calls (dial 9 first), and a few, tightly controlled "unlimited" extensions will allow direct-dialed long-distance calls. (Whether done automatically or through an operator, such outside calls will be billed directly to the originating phone). Otherwise, a caller will have to find one of the many pay phones scattered about the Institute.

When making a long-distance call, the caller should dial 190 (Centrex) or 90 (Dormline) + 0 + seven or ten digits. If the caller dials 1 in lieu of 0 or omits 0 entirely, the caller will receive a rapid busy signal. On the otherhand, the following calls will be processed:

190 (or 90) + 411 (information)
190 (or 90) + 1 + 555-xxxx (directory assistance)
190 (or 90) + 1 + 800 + seven digits (toll-free numbers)
190 (or 90) + 01 + international telephone numbers
190 (or 90) + 0 (third party, credit card, etc. calls outside MIT)

Information

The New England Telephone information number is 411 on an outside line. For information about MIT extensions and dormlines, dial "0" or ask the MIT operator at 253-1000. They have a list of extensions by room number. Dormline numbers for individuals can be gotten by calling the main desk of the dormitory where the person lives.

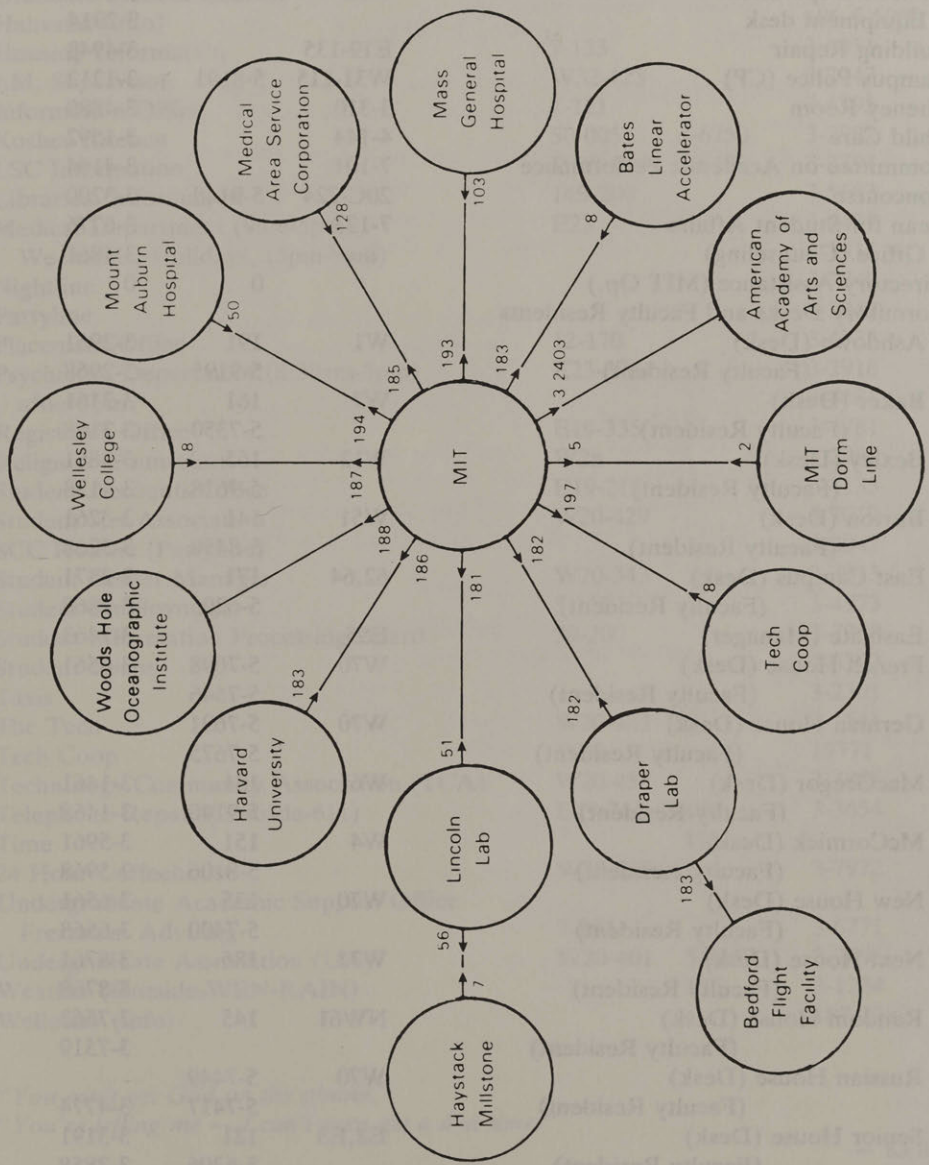
Boston

Phone Books can be picked up the Central Square Phone Center Store (45 Prospect St., Cambridge, 864-9950). Call ahead for directions. The MIT Student Directory, giving (usually accurate) numbers for all students, living groups, student activities, and offices, is available in the Information Center in the southwest corner of Lobby 7. It is printed once a year, and comes out in late October. Faculty and Administration directories may be picked up in 24-007, but are less available.

Repairs

The repair number for outside lines is 611; for MIT extensions it is x3-3654. Dormline problems should be reported to dl181.

The following pages list some of the most often called numbers around the Institute and outside:



MIT Telephone Numbers

MIT, 77 Mass. Ave., Cambridge, MA 02139
Telephone: (617) 253-1000
Emergency — from any MIT phone, dial 100

	Room	*dl*	*Ext.*
Athletic Department	W32		3-4498
Equipment desk			3-2914
Building Repair	E19-135		3-4948
Campus Police (CP)	W31-215	5-8191	3-1212
Cheney Room	3-310		3-4880
Child Care	4-144		3-1592
Committee on Academic Performance	7-101		3-4164
Concourse	20C-224	5-9148	3-3200
Dean for Student Affairs	7-133		3-6776
Office (Counseling)			3-4861
Directory Assistance (MIT Op.)		0	0
Dormitory Desks and Faculty Residents			
Ashdown (Desk)	W1	191	3-2961
(Faculty Resident)		5-9195	3-2968
Baker (Desk)	W7	161	3-3161
(Faculty Resident)		5-7350	3-3168
Bexley (Desk)	W13	165	3-3861
(Faculty Resident)		5-9618	3-4138
Burton (Desk)	W51	141	3-3261
(Faculty Resident)		5-8450	3-3268
East Campus (Desk)	62,64	171	3-2871
(Faculty Resident)		5-6205	3-2868
Eastgate (Manager)	E55		3-7463
French House (Desk)	W70	5-7698	3-6561
(Faculty Resident)		5-7646	
German House (Desk)	W70	5-7691	
(Faculty Resident)		5-7675	
MacGregor (Desk)	W61	131	3-1461
(Faculty Resident)		5-9140	3-1468
McCormick (Desk)	W4	151	3-5961
(Faculty Resident)		5-8106	3-5968
New House (Desk)	W70	135	3-6561
(Faculty Resident)		5-7400	3-6568
Next House (Desk)	W71	186	3-8761
(Faculty Resident)			3-8768
Random House (Desk)	NW61	145	3-7563
(Faculty Resident)			3-7519
Russian House (Desk)	W70	5-7449	
(Faculty Resident)		5-7417	3-4774
Senior House (Desk)	E2,E3	121	3-3191
(Faculty Resident)		5-6206	3-2858

Spanish House (Desk)	W70	5-7596	
(Faculty Resident)		5-7543	
Tang, Westgate (Manager)	W85		3-5063
Emergency Closings			3-7669
Experimental Study Group	24-612		3-7787
Faculty Club	E52		3-4896
Financial Aid Office	5-119		3-4971
Graduate School Office	3-136		3-1776
Graduate Student Council	50-222		3-2195
Hahvahd (info)			186-5-5000
Housing Information	7-133		3-4051
I.M. Supervisor	W32-123		3-7947
Information Office	7-121		3-4795
Kosher Kitchen	50-005	5-6750	3-2982
LSC Information	W20-469	5-9179	3-3791
Libraries, Information	14S-200		3-5683
Medical Department (9am-5pm)	E23		3-4481
Weekends, Holidays, (5pm-9am)			3-1311
Nightline			3-7840
Partyline			3-3942
Placement Office	12-170		3-4733
Psychiatric Department (8:30am-5pm)	E23-376		3-2916
after 5pm			3-4481
Registrar's Office	E19-335		3-4781
Religious Counselors	W2a		3-2985
Student Accounts Office	E19-215		3-4133
Student Art Association	W20-429		3-7019
SCC Hotline (Partyline)			3-3942
Student Center Manager	W20-343		3-3913
Student Employment	5-119		3-4973
Student Information Processing Board	39-200		3-7788
Student Loans			3-3342
Taxis			3-2301
The Tech	W20-483		3-1541
Tech Coop	W20		19771
Technology Community Association (TCA)	W20-450		3-4885
Telephone Repair (Outside-611)	E19-741	181	3-3654
Time		175	
24 Hour Coffeehouse	W20-249		3-7972
Undergraduate Academic Support Office			
Freshman Advising	7-104		3-6771
Undergraduate Association (UA)	W20-401	5-9157	3-2696
Weather (Outside-WEN-RAIN)		125	3-1234
Wellesley (info)			187-2387

"You can't get God on the phone."
"You're telling me — I can't even get a dial tone."

— Kelly

Outside Phone Numbers

Telephone Numbers

Access Line (Counseling and Information)	267-9150
Ambulance Service	424-4073
	338-1212
American Automobile Association	738-6900
Ask the Globe	929-2990
Better Business Bureau — Questions	482-9151
— Complaints	482-9190
Boston Arts Line (Recording)	261-1660
Cambridge City Hall	498-9000
Cambridge Hospital	498-1000
Consumers' Council (Boston)	727-2605
Dental Emergency	969-6663
Directory Assistance	411
Fire Department (Cambridge)	876-0125
(Emergency)	911
Legal Aid Society (Boston)	742-8930
Legal Services (Cambridge)	492-5520
Lost and Found (Boston)	722-4100 x253
(MBTA)	722-5716
(Boston Police)	536-6700
MBTA Information (schedules) 7am-6pm M-F	722-3200
night & weekends	722-5000
(service conditions)	722-5050
MIT Switchboard	253-1000
Emergency Closings	253-SNOW
Information	253-4795
Police (Cambridge)	498-9300
Emergency	911
Smithsonian Sky Report (Recording)	491-1497
Sports Scoreboard (Recording)	265-6600
Tell it to Joe (Boston Herald)	338-6550
Time and Temperature (Recording)	NER-VOUS
Weather (Recording)	WEN-RAIN
Women's Center	569-1773
	354-8807

Appendix 7 — MIT Songs

The Engineers' Drinking Song (Lady Godiva)

Words by many many people. Compose some yourself. Sung to the tune of "The Ramblin' Wreck From Georgia Tech" among others.

Godiva was a lady who through Coventry did ride
To show the royal villagers her fair and pure white hide.
The most observant man of all, an engineer of course,
Was the only man who noticed that Godiva rode a horse.

chorus:
We are, we are, we are, we are, we are the engineers.
We can, we can, we can, we can demolish forty beers.
Drink rum, drink rum, drink rum all day and come along with us.
For we don't give a damn for any old man who don't give a damn for us!

She said I've come a long, long way, and I shall go as far
With the man who takes me from this horse and leads me to a bar.
The men who took her from her steed and lead her to her beer
Were a bleary eyed surveyor and a drunken engineer.

chorus

My father was a miner from the Northern Malamute,
My mother was a mistress in a house of ill repute.
The last time that I saw them, these words rang in my ears,
"GO TO MIT YOU SON OF A BITCH AND JOIN THE ENGINEERS!!!"

chorus

Princeton's run by Wellesley, Wellesley's run by Yale
Yale is run by Vassar, and Vassar's run by tail
Harvard's run by stiff pricks, the kind you raise by hand.
But MIT's run by engineers, the finest in the land.

chorus

MIT was MIT when Harvard was a pup.
And MIT will be MIT when Harvard's time is up.
And any Harvard son of a bitch who thinks he's in our class
Can pucker up his rosy lips and kiss the beaver's ass.

chorus

An artsman and an Engineer once found a gallon can,
Said the artsman "Match me drink for drink, let's see if you're a man."
They drank three drinks, the artsman falls, his face was turning green,
But the Engineer drank on and said "It's only gasoline."

chorus

The Army and the Navy went out to have some fun.
They went down to the taverns where the fiery liquors run.
But all they found were empties, for the engineers had come,
And traded all their instruments for gallon kegs of rum.

chorus

Venus was a statue made entirely of stone.
Without a stitch upon her, she was naked as a bone.
On seeing that she had no clothes, an engineer discoursed:
"Why the damn thing's only concrete, and should be reinforced!

chorus

Rapunzel let her hair down for two suitors down below,
So one of them could grab a hold and give the old heave-ho.
The Prince began to climb at once, but soon came out the worst,
For the Engineer rode the elevator and reached Rapunzel first.

chorus

Caesar set out for Egypt at the age of fifty three,
But Cleopatra's blood was warm, her heart was young and free.
And every night when Julius said goodnight at three o'clock,
There was a Roman engineer waiting just aaround the block!

chorus

An engineer once staggered in through the Roderick Gate,
He was carrying a load you would expect to ship by freight.
The only thing that kept him upright and on his course,
Were the boundary conditions and the coreolis force.

chorus

Ace Towing roams the streets of Cambridge each and every night,
They tow cars and stow cars and hide them out of sight;
They tried to tow Godiva's horse, the Engineers said "Hey!"
Then towed away their towing truck, and now the Ace must pay!

chorus

Sir Francis Drake and all his ships set out for Calais Bay.
They'd heard the Spanish rum fleet was headed on their way.
But the engineers had beat them by a night and half a day
And though as drunk as ptarmigans, you still could hear them say:

chorus

A maiden and an engineer were sitting in the park,
The engineer was working on some research after dark.
His scientific method was a marvel to observe —
While his right hand wrote the figures, his left hand traced the curves.

chorus

An MIT computer man got drunk one fateful night.
He opened up the console and smashed everything in sight.
And after they subdued him, the judge he stood before,
Said, "Lock him up for 20 years, he's rotten to the core!"

Arise Ye Sons of MIT

Music and lyrics by John B. Wilbur '26

Arise ye sons of MIT, in loyal brotherhood.
The future beckons unto ye and life is full and good.
Arise and raise your steins on high; tonight shall ever be
A mem'ry that will never die, Ye sons of MIT
Once more thy sons, oh MIT, return from far and wide
And gather here once more to be renourished by thy side,
And as we raise our steins on high to pledge our love for thee
We join thy sons of days gone by in praise of MIT.
Oh loyal sons of MIT, when clouds of war burn red,
In foreign land, on distant sea your battle line is spread.
To you we raise our steins on high wherever you may be,
And join your voices from the sky, Ye sons of MIT

The Tool

Tune of: *Stewball* (Peter, Paul & Mary)

Oh, I am a young man
My brain, it is gold
But of good and evil
I've never been told

I came to MIT
One fine autumn day
To learn how my noggin
Could be made to pay.

I tooled hard for four years
Nerded night and day
When GE heard of me
They offered me 30k

I'm a corporate fascist
Yes, corporate tool
Maim women and children
Take from all I can fool.

With gadgets and gizmos
Ratchets that break down
They pay me their money
To be a corporate clown

My mind is so fertile
That I will get by
Even if you all
Have got to die.

The Ballad of 5.60

(to the tune of "The Battle Hymn of the Republic")

Free energy and entropy were whirling in his brain,
With partial differentials and greek letters in their train.
While delta, sigma, gamma, theta, epsilon, and pi
Were driving him distracted as they danced before his eye.

Chorus:
Glory, glory dear old thermo
Glory, glory dear old thermo
Glory, glory dear old thermo,
We'll pass you by and by.

Heat Content and fugacity revolved within his brain
Like molecules and atoms that you never have to name.
And logarithmic functions doing cakewalks in his dreams,
And partial molar quantities devouring chocolate creams.

chorus

They asked him on the final if a mole of any gas
In a vessel with a membrane through which Hydrogen could pass
Were compressed to half its volume what the entropy would be
If two-thirds delta-sigma equalled half of delta-P.

chorus

He said he guessed the entropy would have to equal four
Unless the second law should bring it up a couple more
But then, it might be seven if the Carnot law applied,
Or it might be almost zero if the delta-T should slide.

chorus

The professor read his paper with a corrugated brow.
For he knew he'd have to grade it and he didn't quite know how.
'Til an inspiration in his cerebellum suddenly smote,
And he seized his trusty fountain pen and this is what he wrote:
Just as you have guessed the entropy, I'll have to guess your grade,
But the second law won't raise it to the mark you might have made.
For it might have been 100 if your guesses all were good,
But I think it must be zero 'till they're rightly understood.

Final chorus:
Glory, glory dear old thermo
Glory, glory dear old thermo
Glory, glory dear old thermo
We'll try again next term.

Tech Cheers

E to the X du dx, E to the X dx!
Cosine! Secant! Tangent! Sine!
3 point 1 4 1 5 9 !
Square root, integral, μ dv
Slipstick, slide rule, M.I.T.!

WE ARE HAPPY — TECH IS HELL
T-E-C-H-N-O-L
O-G-Y
TECHNOLOGY! TECHNOLOGY! TECHNOLOGY!
TEAM! TEAM! TEAM!

M.I.T. RAH! RAH! RAH!
M.I.T. RAH! RAH! RAH!
M.I.T. RAH! RAH! RAH!
Technology! Technology! Technology!

Appendix 8 — MIT History

I doubt not that such a nucleus-school would, with the growth of this active and knowledge seeking community, finally expand into a great institution comprehending the whole field of physical science and the arts with the auxiliary branches of mathematics and modern languages . . .

— William Barton Rogers, 1846

In 1835 William Barton Rogers was elected to the professorship of Natural Philosophy at the University of Virginia, a chair founded by Thomas Jefferson only ten years before. Rodgers, a graduate of Willia and Mary College, was intensely involved in the emerging science of geology, although he had an enduring interest in all scientific subjects.

During Rogers' eighteen years at the University of Virginia, he became increasingly troubled by bigotry, anti-intellectualism, and sporadic support from the state. In 1845, Rogers, then chairman of the Faculty, was shaken by severe rioting and a decision to close the school for a week.

He had gone on a geological expedition to New England, as well as to meetings in Boston of the Association of American Geologists and Naturalists (later the American Association for the Advancement of Science). He wrote of the "contrast between the region in which I live and the highly cultivated nature and society of glorious New England." Dr. Rogers felt that in the advanced intellectual and industrial climate of Boston a new type of education could be fostered. He left Virginia in 1853 to move here. His dreams finally achieved substance when, on April 10, 1861, the governor of the Commonwealth of Massachusetts signed the act to incorporate the Massachusetts Institute of Technology. Four days later Fort Sumter was attacked (the two events were probably not related). Although the Civil War impeded Rogers' plan, construction of MIT's first building began in 1863, in a landfill area of the Back Bay, in the estuary of the Charles River.

On February 20, 1865, the first class of fifteen students finally entered. President Rogers taught Physics, as part of a six-man faculty. These first years proved a tribulation on Rogers' health, and in 1868 he had a slight stroke. John D. Runkle was appointed Acting President, and in 1870, upon Dr. Rogers' resignation, succeeded him. Runkle's presidency saw the gradual development of MIT into "Boston Tech". Fiscal problems still plagued the struggling Institute however, and at one time MIT came perilously close to becoming part of Harvard. Harvard's President Eliot developed a plan to merge the two schools, which was resisted by Runkle and the MIT Corporation. Problems with money continued, however, and in 1873 tuition was doubled (to $200!). President Runkle resigned in 1878, and taught mathematics until 1902.

Following John Runkle, Brigadier General Francis A. Walker became president in 1881. In 1882, he asked William Rogers, then rather old and frail, to award diplomas at the May graduation exercises. Dr. Rogers' health was still poor, and this final tax on his strength proved too much; he collapsed on the podium and died.

MIT continued to grow during the latter part of the nineteenth century, and by 1900 there were 1277 students. In 1906 it became apparent that MIT was fast outgrowing its Copley Square lodgings, despite the addition of several new buildings. A site committee was formed to search for "Technology's new home." Plans ranged from a golf course in Allston to building an island in the Charles River, until the current site in Cambridge was settled upon. Excavations for the buildings began in September 1913, and the first of 25,000 piles were driven into Cambridge soil on December fourth of that year.

A neo-classical motif was chosen by designer William Welles Bosworth '89 who could hardly contain himself with his plans for "a great white city of majestic proportions that will fitly express the noble ideas of its purpose and the dignity of its work." The central feature of the new complex was to become the great dome, towering 147 feet above street level. Five thousand tons of steel and fifty thousand cubic yards of concrete later, the new Technology was complete.

During its first 60 years, MIT's curriculum was based almost exclusively on architecture and engineering. In 1930 President Karl T. Compton undertook to strengthen the position of science at MIT and to encourage the growth of the graduate school. During the next decade there was a steady increase in both graduate work and research. World War II brought a rapid expansion of research programs and the establishment of the Radiation Laboratory, a major center for the American development of radar. In the national interest the Institute assumed management of major research enterprises such as the Instrumentation Laboratory during the war. These programs fostered a close working cooperation between the Government and the Institute, showing the way for the development of such facilities as the Research Laboratory of Electronics and the Laboratory for Nuclear Science.

When the war ended, MIT continued to hold a central position in education and research pertinent to the fastest-growing areas of the American economy. To its traditional curricula in architecture, engineering and science, the Institute has since added programs in management, economics, political science, psychology, industrial relations and linguistics. Its four-year humanities program for engineering undergraduates is unusual in engineering education, and its four-year double major in the humanities and science or engineering is unique among American universities. MIT's research programs in the social sciences include the Center for International Studies, and there is close cooperation with Harvard University in the operation of the Joint Center for Urban Studies, and the new Biomedical Engineering Program.

Shortly after World War II student enrollment at MIT reached 5000 and since then has continued to increase. Today the MIT campus covers more than 128 acres extending for more than a mile along the Charles River. It is a community of more than 16,000 people, including more than 7500 students, 1000 faculty members and full-time teaching staff, 2000 members of the professional research and administrative staff and 5000 supervisory, clerical, technical and service employees.

The Institute's departments operate more than 70 laboratories on the campus, among them a growing number of interdepartmental laboratories where students and staff from different fields work on problems of mutual interest. The Lincoln Laboratory in Lexington is operated for the Government as a center for defense-related research in electronics and communciations. The Charles Stark Draper Laboratory in Cambridge is devoted to the development of flight control and navigation equipment; the nearby Bitter National Magnet Laboratory provides the world's strongest continuous magnetic fields for research on magnetism and basic properties of materials.

MIT was among the first universities to establish programs of study in applied physics, meteorology, food technology, naval architecture and marine engineering, and electrical, aeronautical and sanitary engineering. The Institute was a leader in developing the modern profession of chemical engineering, and the nation's first degree in architecture was given here.

Books on the History of MIT

M.I.T. in Perspective, by Francis E. Wylie, Little, Brown & Co., Boston, 1975. A glossy coffee-table account of the accomplishments of MIT and its progeny; not comprehensive, but interesting, with lots of pretty pictures.

The Life and Letters of William Barton Rogers is a book in two volumes edited by his wife with the assistance of William T. Sedgwick. Houghton-Mifflin Company, Boston and New York, 1896. The definitive biography of MIT's founder.

Richard Cockburn MacLaurin, by Henry Greenleaf Pearson, a biography of MIT's sixth president. MacMillan Company, New York, 1937.

Technology's War Record is an interpretation of the contribution made by MIT, its staff, former students and undergraduates to the cause of the Allies in World War I. Published by the War Records Committee of the MIT Alumni Association, 1920.

Q.E.D.: MIT in World War II, by John E. Burchard. The Technology Press, 1948.

Mid-Century: The Social Implications of Scientific Progress, by John E. Burchard. The Technology Press and John Wiley & Sons, Inc., New York, 1950. A verbatim account of MIT's great Mid-Century Convocation, March 31, and April 1-2, 1949.

When MIT Was Boston Tech, by C. Samuel Prescott. The Technology Press, Cambridge, 1954. A history of MIT from its founding in 1861 through its move to Cambridge in 1916.

Scientists Against Time, by James Phinney Baxter III. MIT Press, 1968. An account of the scientific developments of World War II, with a large section on the activities of the Radiation Labs.

Pieces of the Action, by Vannevar Bush. An account of the author's experiences with regard to several technological advances, including basic work leading to the development of the computer. This book is not really about MIT, but it does reflect the activities of one of the Institute's leading figures.

For more information on MIT's history, contact the MIT Museum (x3-4444).

An optimist says, "This is the best of all possible worlds."
A pessimist says, "That's right."

Appendix 9 — MIT Publications

List of MIT Publications

Educational Programs and Instructions

The *Courses and Degree Programs* Issue of the *MIT Bulletin,* published annually about August 1. Information on general Institute requirements, general requirements for graduate degrees, interdisciplinary study and research, departmental programs and requirements, and descriptions of subjects. Also descriptive material about the Institute, about undergraduate and graduate educational opportunities, and about departmental and interdepartmental activities. Intended for use by faculty and students at MIT. (Information Center, 7-121)

The *Summer Session Catalogue Issue* of the *MIT Bulletin,* published annually in February. Complete information concerning academic activities during the Summer Session. (Information Center, 7-121)

The *Guide to IAP Activities.* This catalogue of activities taking place during the January Independent Activities Period is published twice each year. The first or preliminary issue appears just before Thanksgiving, and the final guide is issued just before Christmas. Copies are distributed in the lobbies of major campus buildings and can be obtained from the Information Center (7-121) or the IAP Office (7-1038).

The *Undergraduate Research Opportunities Program Directory* contains information for undergraduate students about participating with MIT faculty members in a wide range of research and project activities both on and off campus. (Information Center, 7-121; UROP Office, 20B-141)

The Undergraduate Seminar Program is a booklet published every term describing seminars being offered. (Undergraduate Seminar Office, 7-104)

MIT Today, an interpretive description of the Institute planned especially for prospective undergraduate students. (Admissions Office, 3-108)

The *Freshman Handbook* carries detailed descriptions of first-year subjects and of registration and counseling procedures for members of the freshman class. It includes information about residence, athletic, and extra-curricular activities. (Undergraduate Academic Support Office, 7-104)

Rules and Regulations of the Faculty is the official statement of the organization and operation of the faculty, its rules and regulations. Published by the Registrar's Office. (Information Office, 7-121)

Class Schedules and *Typical Course Schedules* are published prior to each term. (Registrar's Office, E19-335)

The *Guide for Undergraduates and Faculty Counselors.* This booklet, published every year by the Committee on Academic Performance, is intended to be a summary of information concerning the grading system, Institute requirements, registration procedures, and other administrative aspects of MIT, including detailed information concerning policies and procedures followed by the CAP. (Information Center, 7-121; CAP Office, 7-101)

The *Graduate School Manual* is the definitive statement of organization, policies, and procedures applicable to graduate instruction. (Dean of the Graduate School, 3-136)

The *Degrees Awarded* publication, published every September, February, and June, contains names of persons receiving degrees awarded by MIT. (Registrar's Office, E19-335)

The *Wellesley-MIT Exchange: Guide for MIT Students,* published in December and April of each year, summarizes procedures for participating in the program on the Wellesley campus. (Wellesley-MIT Exchange Office, 7-108)

MIT Press Catalog, plus several supplements, lists and describes the books published each year. (MIT Press, E32, x3-7297)

Annual Reports

The *Report of the President and the Chancellor* to the MIT Corporation, first published 1871-72, is published annually in *Tech Talk* about November 1. A larger edition including the reports of the dans, department heads, vice presidents, and heads of major laboratories is published later in the month. (Information Center, 7-121)

The *Report of the Treasurer* to the MIT Corporation, published annually in October, is a report of operations, gifts, plant facilities, and investments of the preceding fiscal year. (Comptroller's Accounting Office, E19-572)

Benefit Plans and Personnel Policies

The *Benefits Program for Faculty and Staff* is a summary of insurance, health services, retirement plans, and other staff benefit programs. (Benefits Office, E19-434)

Major Medical Insurance outlines details of the major medical expense coverage. (Benefits Office, E19-434)

Children's Scholarship Plan is a leaflet describing the assistance available to members of the faculty and staff with children in college. (Benefits Office, E19-434)

Administrative Policies

Purchasing Policy and Procedures, a brief handbook on purchasing regulations. (E19-315)

Catalogue of Laboratory Supplies and *Electronic Stockroom Catalogue,* price lists of supplies and equipment regularly stocked by the Office of Laboratory Supplies. (Office of Laboratory Supplies, 4-364)

Catalogue of Office Supplies and Furniture, price list of supplies regularly stocked by the Office of Laboratory Supplies. (Office of Laboratory Supplies, 4-364)

Petty Cash Policy, instructions for supervisors who wish to maintain a petty cash account. (Comptroller, E19-572)

Accident Prevention Guide, a handbook on safe procedures for handling chemicals, machinery, and other materials. (Safety Engineer, E19-207)

Guide for the Preparation and Submission of Research Proposals, prepared to assist faculty members in the preparation of proposals for externally sponsored research programs and to facilitate the administrative review and transmittal of such proposals. (Office of Sponsored Programs, E19-702)

Guide to MIT's Administrative Offices, a guide to office procedures at the Institute. (Office of Personnel Development, E18-320)

Travel Expense Policies, policies and procedures covering reimbursement of travel expenses incurred in the performance of Institute business. (Comptroller, E19-572)

Directories

These directories are intended for authorized use by Institute personnel only. They should not be made available for advertising, placement, or other commercial use.

Institute Telephone Directory, office and home telephones and addresses of faculty, staff, and employees, published in the late fall. (Telecommunications Office, E19-741 and the Mail Room, 24-007)

The *Student Directory,* term addresses and telephones, home addresses, and class and course information, published in October. (Information Center, 7-121)

The *Directory of Foreign Students.* (International Students' Office, 5-106)

The *Alumni Register,* a complete roster of all alumni, published periodically. (Alumni Association, 10-110)

Periodical Publications

Tech Talk is published every Wednesday by the News Office (5-111, x3-2701). This is the MIT community newspaper, directed at students, faculty, staff, and visitors. It has absorbed the Institute Calendar, which lists up-coming events.

Technology Review is published monthly except July, September, and November by the Alumni Asociation. It carries articles on social issues and contemporary technology in addition to news about alumni and MIT. (10-140)

Guides

The *Guide to the MIT Libraries,* a description of library facilities and how to use them. (Director of Libraries, 14S-200)

The *Guide for the Handicapped,* a map and digest of general information about MIT especially for the physically handicapped. Provided by the Planning Office. (Information Office, 7-121)

The *MIT Tactile Map,* a map of the MIT campus for the non-sighted, including a braille directory and an audio cassette describing the map's use. (Planning Office)

You and MIT, a handbook of general information for new employees in the hourly and biweekly categories. (Benefits Office, E19-434)

Student Life and Activities

HowToGAMIT (How To Get Around MIT) is useful to all new members of the Institute community. It provides a comprehensive introduction to the Boston area and student life at the Institute. $3.00 from Technology Community Association (W20-450).

Undergraduate Residence at MIT has material on undergraduate living groups (prepared by the living groups themselves). It is published annually by the Undergraduate Academic Support Office (7-104) and mailed to incoming freshmen.

Graduate Residence, published annually in the spring, describes residence facilities available to graduate students. (Dean for Student Affairs, 7-133)

The *Freshman Picturebook* contains pictures of the freshman class. (Technology Community Association, W20-450)

Getting Acquainted: A Book of Information About MIT and the Boston Area complements *HowToGAMIT.* It includes chapters on getting a job, setting up a household, childcare, education, shopping, finding friends, entertainment, medical care, and consumer protection, and is available in E23-376 for $3.50.

Cross Index to MIT Publications

Administration ..... *Guide to MIT's Administrative Offices*
..... *Guide for Undergraduates and Faculty Counselors*

Alumni ..... *Alumni Register*
..... *Degrees Awarded*

Annual Reports ..... *Report of the President and the Chancellor*
..... *Report of the Treasurer*

Athletics ..... *Freshman Handbook*

Class Schedules ..... *Class Schedules and Typical Course Schedules*

Committee on Academic Performance ..... *Guide for Undergraduates and Faculty Counselors*

Co-op (Cooperatives with industry) ..... *Courses and Degree Programs*
..... *UROP Directory*
..... *Rules and Regulations of the Faculty*

Counseling ..... *Freshman Handbook*

Counselors, Faculty ..... *Guide for Undergraduates and Faculty Counselors*
..... *Freshman Handbook*

Courses, Choosing ..... *Course Evaluation Guide*
..... *Courses and Degree Programs*
..... *Freshman Handbook*

Courses, Graduate ..... *Courses and Degree Programs*
..... *Graduate School Manual*
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..... *Electronic Stockroom Catalog*
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Print is the sharpest and the strongest weapon of our party.

— Stalin

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Ze End, Here

The following items have been excerpted from recent first-year Graduate Qualifying Examinations. They are published here as a public service for the edification of those undergraduates planning to attend graduate school.

Instructions: Read each question carefully. Answer all questions. Time limit 4 hours. You may begin immediately.

Medicine: You have been provided with a razor blade, a piece of gauze, and a bottle of Scotch. Remove your appendix. Do not suture until your work has been inspected.

Public Speaking: Twenty-five hundred riot-crazed Aborigines are storming the classroom. Calm them.

Engineering: The disassembled parts of a high-powered rifle have been placed in a box on your desk. You will also find an instruction manual, printed in Swahili. In ten minutes a hungry Bengal tiger will be admitted to your room. Take whatever action you feel appropriate. Be prepared to justify your decision.

Music: Write a piano concerto. Orchestrate and perform it with a flute and drum. You will find a piano under your seat.

Political Science: There is a telephone on the desk beside you. Start World War III. Report on its sociopolitical effects, if any.

Biology: Create life. Estimate the difference in subsequent human culture if this form of life had developed 500 million years earlier, with special attention to its probable effects on the English parliamentary system.

Management Science: Define Management. Define Science. How do they relate? Why? Create a generalized algorithm to optimize all managerial decisions. Implement your algorithm on either a GE 645, CDC 7600, IBM 360/195, or PDP 8. Your program should include all the software necessary to support 100 interactive consoles.

Extra Credit: Define the universe. Give three examples.

— "The Last Word" from *thursday*

HowToGAMIT 16 Feedback Sheet

WE NEED YOUR SUGGESTIONS

1. What have you found incorrect or misleading? (please give page number)
2. What seems unnecessary? What should be added?
3. What other comments do you have?

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Fold 2

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