

Lord Zuckerman Calls for Rational Thinking in Science

In the first of his two-part Compton Lecture, in Kresge Auditorium Monday night, Lord Zuckerman, former chief science advisor to the British government, called for rational thinking about science and technology and the roles he feels that both must play in solving the major problems facing the world today.

Lord Zuckerman will present the second part of the lecture, at 8:00pm in Room 26-100 on Thursday, May 11.

Lord Zuckerman has given the full lecture the title: "Sense, Science and Society." The first part presented Monday night was subtitled: External Stresses and Strains." The concluding portion of the lecture scheduled for presentation Thursday night is subtitled: "Internal Stresses and Strains."

Speaking Monday night of difficulties created by pollution, increasing population, the rapid use of natural resources, Lord Zuckerman said, "I am convinced that without scientific knowledge and wise technological investments now and in the future, the

(Continued on page 9)



Lord Zuckerman.

Concerned People Call Urgent Meeting On War

Faculty, students, staff and employees concerned about the escalation of the Indo China War are calling an open meeting in Kresge Auditorium for 12 noon to 2pm today (Wednesday, May 10) to which members of the MIT community are invited.

President Wiesner has asked that Institute supervisors be flexible in work arrangements so those who wish to attend this meeting may do so.

Admissions Reports on Acceptance Yield

The Admissions Office reports that some 998 high school students have accepted offers of admission to the Class of 1976 and that by September the freshman class should have a total enrollment of 1,025.

To date, 850 males, 105 women and 43 foreign students have accepted the Institute's offer of admission. These figures include 35 black men, eight black women, five Puerto Rican men, one Puerto Rican woman, and six Mexican-American men. The foreign students represent 26 nations with the majority coming from Canada and Southeast Asia. Included in the total are about 60 sons and daughters of MIT faculty and alumni.

These numbers will change, of course, as the Admissions Office receives late replies. Out of a total of 3,665 applications received, some 1,760 offers of admissions have been issued. Director of Admissions Roland Greeley comments, "With an average yield of 57 percent, the total number of

acceptances should increase to 1,025 by September."

Compared to last year, applications are down about 100. Professor Greeley explains, "Foreign students account for most of the decrease, mainly because of the tightening up on money. Another explanation is the increased competition among colleges--particularly with Caltech, Stanford, Harvard, Princeton and Yale--for qualified blacks and women."

As an expansion of last year's experiment, faculty and staff members were given the opportunity to become involved in the overall admissions process. Eight teams, consisting of two faculty and one staff member each, read and acted upon 150 application folders apiece. Professor Greeley says, "This involved a major time commitment on their part, but was a great help in the admissions process. At the same time, this system helps keep the faculty and staff abreast of trends in admissions."

Khorana Receives Dual Honors



Dr. Har Gobind Khorana, center, 1968 Nobel Laureate and Alfred P. Sloan Professor of Biology and Chemistry in the Department of Biology, is congratulated by President Jerome Wiesner, left, and Indian Ambassador L.K. Jha, after receiving an award and an honorary degree in President Wiesner's office Monday. The medal Professor

Khorana is wearing is the "Padma Vibhushan" or Presidential Award, presented to him by Ambassador Jha on behalf of the President of India. Professor Khorana also received the honorary "Degree of Doctor of Science" from the University of Punjab, his Alma Mater.

--Photo by Bob Lyon

Marilyn Swartz Represents Women in Affirmative Action Proposal

Marilyn Swartz, a community planner in the Planning Office, has been appointed by Chancellor Paul E. Gray to work with James C. Allison, assistant for minority affairs, on an interim basis to represent the Institute's women in revising the Affirmative Action

Plan and in preparing a response to the HEW report.

Miss Swartz will serve in this interim position until the Institute submits a final statement and revised Affirmative Action Plan to HEW at the end of May. Her appointment resulted from a recommendation made by the Woman's Forum suggesting that a woman be involved in the decision-making efforts which concern affirmative action for women.

Working with members of the Equal Opportunity Committee under the supervision of Chancellor Gray and with Mr. Allison, Miss Swartz will help draft a written statement directed to HEW which outlines proposed revisions in the Affirmative Action Plan. Concurrent with her interim appointment, she will sit on the equal opportunity committees that systematically review affirmative action plans in individual departments.

"Proposed changes in the Affirmative Action Plan," Miss Swartz says, "rely heavily on output from the Women's Forum. Many of the problems confronting women at MIT are related to underutilization and lack of mobility within the administrative and academic structures. There is also a dual problem of internal promotions and recruiting under-represented minority women." Miss Swartz has been concerned with many of these



Marilyn Swartz

questions as part of her normal activities as a professional planner.

Discussions at the Women's Forum have voiced concern about several issues including job evaluation, career counselling and development, and grievance procedures. Many of these will be embodied in the proposal.

Miss Swartz would appreciate receiving comments and suggestions from women in the community. She can be reached in Room 4-144 on Ext. 4941 or in Room E18-329 on Ext. 5831.

Awards Convocation

The annual Awards Convocation will be held Thursday, May 11, at 11am in the Great Court. In case of rain, the ceremony will take place in the Sala de Puerto Rico. Prizes to be presented include the Karl Taylor Compton Awards for lasting or sustained contributions to the quality of life at MIT, the William L. Stewart, Jr. Awards for extracurricular contributions, and the James N. Murphy Award for outstanding service by an employee. In addition, major athletic awards will be presented. The Brass Choir will provide music for the ceremony. Classes will be suspended for the 11am-noon period.

1000 Words

The sudden and ambiguous arrival of spring last week made us feel like going somewhere. So we went right out MIT's big front door, across the street and into "Joyous Following-Peaceful Movement," the photography show by seven members of Minor White's graduate seminar now on display at the Creative Photography Gallery.

The show turned out to be an intricate, almost mysterious interplay of words and pictures. We were greeted by two nicely lighted diaphanous cloth hangings, a group of photographs in a panel lighted from the rear, and a set of imperatives under the general rubric "Six Canons," the last of which--"Know your own secrets"--set us to brooding on the impenetrability of the human spirit. We moved peacefully through the gallery, liking the landscapes and quiet nature studies that made up most of the show.

We were struck by a quotation from Don Juan, the Mexican Indian *brujo* whose teachings have been given wide circulation by Carlos Castaneda: "The world is incomprehensible. Thus we must treat it as it is, a sheer mystery." Below these words was an impressively elusive photograph of cracked rock taken by Sam Unger, one of the graduate students in the show. The others, we learned from a list of credits mounted on a panel in the gallery's center, were Jeff Cosloy, Joseph DeMaio, Marc Pokemper, Caroline Vaughan, and Donald Woodman. Below Don Juan's quotation and Mr. Unger's picture, there was a large tablet of paper on which visitors could write their responses to the show. We jotted down the following comments more or less at random: "Caroline's dunes are something to wonder about." "A Minor achievement." "Donald--Where have you been? Can we hear from you, please. Cabezas."

In search of further enlightenment, we poked into the working part of the Creative Photography Laboratory, where we found its director, Professor White, sitting at his desk. He was wearing a faded sweater, with his shirt open at the neck. He has a frank and rugged countenance and the sort of smile that puts one instantly at ease. We asked him what he thought of the show.

"It's not the worst one I've seen by a long shot," Professor White replied. "It is something of a hodge-podge, however. The group didn't want to have a leader but wanted to participate as a group, so there is perhaps a lack of direction. The students turned to the *I-Ching* rather than have one of them play the role of leader. And so the 17th hexagram was the starting point of the show. The image of that hexagram happens to be thunder in the lake, which is pretty hard to photograph if you think about it.

"In any case they started photographing for the show in January, I think, and I suppose they selected from a hundred to a hundred and fifty pictures. Some of the work is old but most of it was made for this show. I don't think most of the pictures are big enough and they have a tendency to get lost on the wall. It's so easy to think of photography as just the pictures, we forget that hanging photographs is an important part of the photographic process as a whole. There are, of course, many places in which to view photographs--magazines, for example, and private showings--

but in a gallery the photographs ought to bear some relation to the surrounding space."

We remarked that most of the observations made by the show's visitors on the comment pad seemed somewhat beside the point, and Professor White agreed. "It's true enough that what we seem to be getting these days are mostly empty adjectives, gossipy comment, expressions of anger or delight or what have you, and I think I know why. Several years ago, in the first three or four years of the course, we used to get excellent comments on these shows. At that time I was stressing criticism of photography, and we had very careful critiques aimed at finding good ways to talk about photographs. What we say about a photograph is also an important part of the photographic process as a whole. Now I think we are not looking at photographs and writing about them as intently, and I think this shows up in the comments that are made. There are many good ways of talking about photographs--their design, their technique, their natural or man-made symbolism, the psychological mirroring that makes a photograph a sort of catalyst for the viewer's response. If the viewer tells you in an honest and concrete way that his response to a photograph is then it can be very revealing even when it says nothing about the photograph itself. And, of course, photography also allows you to talk and not give yourself away."

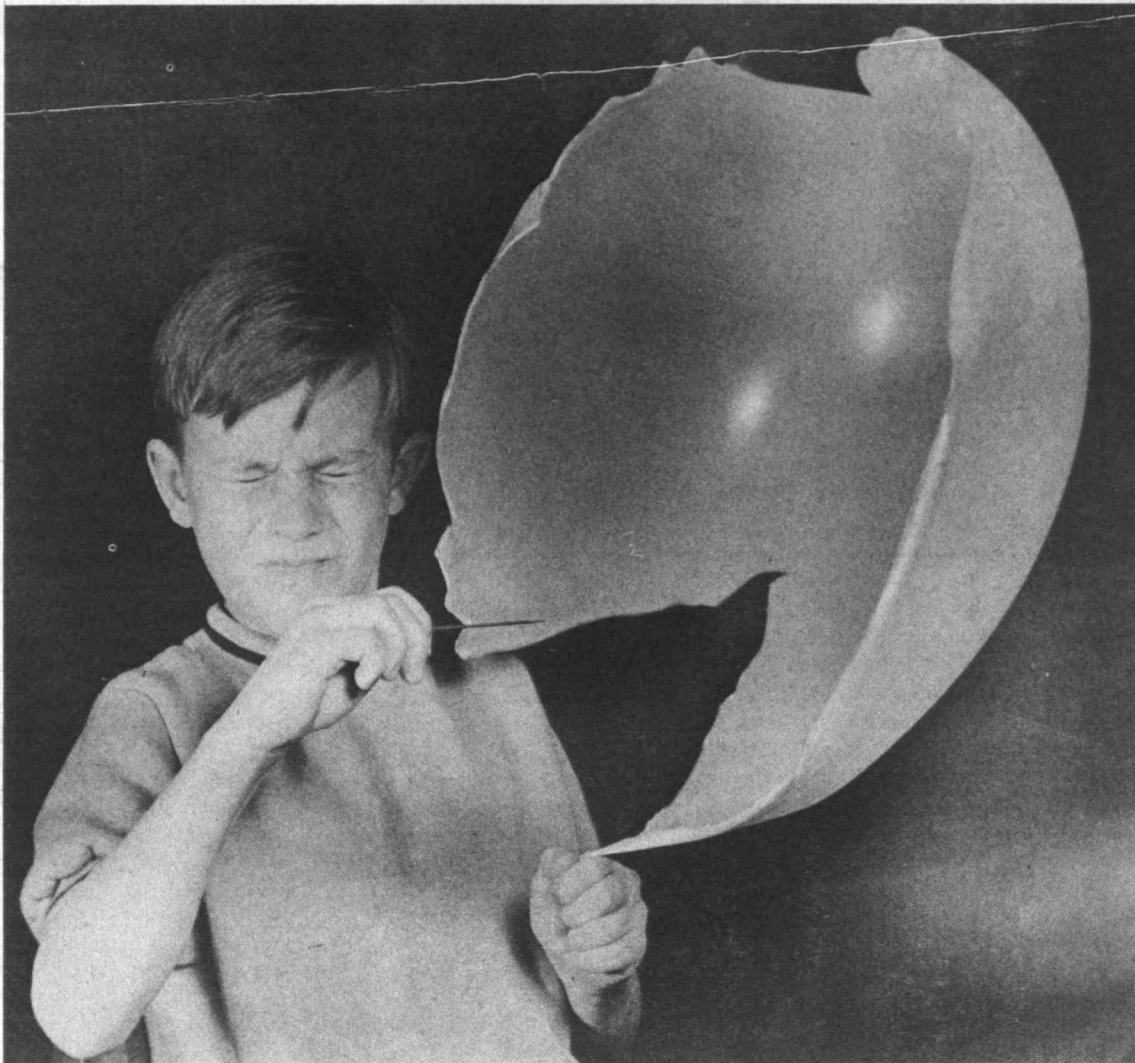
We asked Professor White for an example of good ways of talking about pictures and he led us out into the gallery, stopping before a group of pictures organized about the caption: "The desert is music, the silence, the space between." "The text here, is what keeps these pictures together," he said. "Without it they would just be separate pictures on the wall. 'Desert' is the word that pulls them together. The crux is 'silence.' Curiosity is 'the space between.' If the viewer attends to the text, he has to start filling that space between the pictures from his own mind. That is, he establishes relationships between them. There's not much of the actual desert here, of course. The sand is beach. But the feeling of isolation is there. Text can be important because photography condenses images. Words can add things you can't put in photographs. A person's name, for example."

Professor White began walking about the show commenting on this and that photograph. We paused before a luminescent landscape. "One thing that tells you when you're dealing with a good landscape photographer," he remarked, "is that he knows all about light." He pointed to two nature studies, one of trees, the other of lily pads: "Very good technically. What they've missed is size. Since they're both the same size they have a tendency to kill each other. The lower one should be larger. I don't like all of the photographs, but some are very handsome indeed. Really professional looking and not what you think of as student work." He paused again in front of two photographs--one a nude, the other a sinuous stream of water in sand--that struck us as using light in an extraordinary fashion. "These are two of the best, I think," Professor White said. We accepted his judgment.

As we departed, he remarked, "Photography is learning to live with each other."

Balloon Photo Appears in Life

PARTING SHOTS



Is that enough balloons, Pop?

Nine-year-old Charlie Miller's father is a lecturer at MIT who specializes in stroboscopic lights, the kind used in photography to freeze motion. To get pictures of a bursting balloon, he rigged a camera to a light that flashes at 25 millionths of a second and hooked these up to an acoustic device triggered by the first trace of a loud noise. Young Charlie's job was to stick a pin in the balloon--and then another balloon, and another. The pictures eventually turned out well, but somewhere around the 40th explosion, Charlie began to lose his enthusiasm for Pop and his project.

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Some weeks ago, Tech Talk ran this picture as a promotion for MIT's Open House on April 15. The picture was also sent to the United Press International which distributed it by wire to newspapers around the country. Thus our Open House invitation was extended to readers in Hayward, California, New Haven, Connecticut, Washington, D.C. and Denver, Colorado, among others. Last week the picture achieved a photographer's dream: it appeared as Life magazine's "Parting Shots" display. Charles E. Miller of the Strobe Lab made the picture of his son, Charlie.

Woodrow Wilson Dissertation Grants Awarded to 4 Students

Three MIT graduate students and one former MIT undergraduate have been awarded Woodrow Wilson Dissertation Fellowships for the academic year 1972-73.

James Schmidt of Woodbury, New Jersey, a 1969 graduate of Rutgers University, will do a dissertation in political science on "Lukacs, Merleau-Ponty, and the Problem of Social Inquiry."

Also in political science is John Zysman of Omaha, Nebraska, a 1968 graduate of Harvard

University. His thesis is entitled "Innovation in the French Electronics Industry."

Kenneth Siegel of Belmont graduated from Rutgers University in 1969 and is in philosophy. His dissertation topic is "Identity."

The only former MIT undergraduate named this year is Dewey Quin Seeto of San Francisco, California. Presently in the Economics Department at Columbia University, his dissertation topic will be "Essays in Trade, Economic Growth and Comparative Advantage."

The Woodrow Wilson National Fellowship Foundation has awarded 205 fellowships totalling \$700,000 to students who have completed all requirements for the Ph. D. except the doctoral dissertation.

The fellowships are held by students at 64 universities in the US and Canada and enable Ph. D. candidates in the humanities and social sciences to devote their full attention to dissertation research and writing.

Dissertation fellowships provide a living stipend of \$225 per month for up to 15 months. Additional allowances are made for dependents and research expenses.

Music Section to Give Concerts

Students and faculty members from the music section of the Department of Humanities will present two concerts in the Hayden Courtyard beginning at 5pm on Monday and Tuesday, May 15 and 16.

The concerts will feature student compositions written for a humanities class taught by Professor Donald Sur, as well as works by Mozart and Brahms. Both concerts are free and refreshments will be served.

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Please address all news and comment to the Editor, Room 5-111, Ext. 3277.

Klaus Liepmann Receives Gordon Billard Award

Klaus Liepmann, director of music since 1947, has received the Gordon Billard Award for special service performed for the Institute.

The award was presented to Professor Liepmann by President Jerome B. Wiesner at a reception, Saturday evening, May 6, following a performance of the *Passion According to St. John* by Bach, held in Kresge. Professor Liepmann conducted the Choral Society and Glee Club in the concert, which marked the final event in the "Spring Festival of Music."

Professor Liepmann will retire from the MIT faculty this June, after 25 years. During this time, he developed a strong and comprehensive music program at the Institute, including music history and theory, which has a strong following among undergraduates. Simultaneously, he established a number of vocal and instrumental groups in which students and other members of the community participate. In addition, Professor Liepmann has organized many concerts featuring noted guest artists, faculty and students, for the enjoyment of the MIT and Cambridge communities.

The Gordon Billard Award was established by Gordon Y. Billard of New York, who graduated from MIT in 1924. Its past recipients have been: Professor and Mrs. Samuel J. Mason, Institute Professor Harold E. Edgerton, Dean William Speer, Professor William C. Greene, John A. Little, Mrs. Normal J. Padelford, Mr. William H. Carlyle and Mr. Philip A. Stoddard.



Professor Liepmann, left, is congratulated by President Jerome B. Wiesner upon receiving the Gordon Billard Award.
—Photo by Alfred Anderson, '71

Music: Liepmann, Bach Pre-Retirement Group to Meet

The following review, written by Louis Snyder, originally appeared in *The Christian Science Monitor* on Monday, May 8, and is reprinted with permission.

By Louis Snyder
Cambridge, Mass.

When one decides to retire, it's wonderful to go out with all flags flying. Klaus Liepmann, who is leaving MIT in June after 25 years as its music director, did that on Saturday evening in the Institute's Kresge Auditorium before a capacity crowd, which, if it came expecting a sentimental evening, received a musical one instead.

The occasion was the third and last concert of MIT's annual spring festival of music, dedicated this year to Mr. Liepmann.

The work chosen was Bach's *St. John Passion*, which enlisted the services of the MIT Choral Society (which he founded also 25 years ago), the MIT Glee Club, and members of the Cambridge Festival Orchestra. Five of Boston's finest singers in this genre were soloists: soprano Jane Bryden, alto Pamela Gore, tenor Karl Dan Sorensen, bass Francis Hester, and baritone David Evitts.

For most, Bach's *St. John Passion* takes second place to the *St. Matthew*, which is more human in its appeal and, narratively, flows more freely and with greater dramatic impact. But the *St. John*, for all its textual restrictions, can still quicken the pulse and touch the heart. Its choruses have an air of abruptness and excitement, while the arias and many of the passages for the Evangelist are markedly contrasted by their tenderness and lyricism.

Like other performances Mr.

Liepmann has conducted here, the one on Saturday was majestic in concept, attentive to detail, and musically solid — no eccentricities, experiments with tempi, or doubt in relaying his intentions. Although Kresge's acoustics sometimes present problems, the balance between the large chorus and the chamber orchestra was carefully maintained, as was that between solo singers and instrumentalists. Noble singing

As might be expected, everyone performed with particular devotion. The chorus was alert and involved, the orchestra was on its best behavior, and there was beautiful singing from all the soloists. As the Evangelist, Mr. Sorensen, displayed elegant voice and style, and used both to make the recitatives noble and moving; Mrs. Bryden and Miss Gore did their solos with the artistry and lovely sound one has come to anticipate, and both Mr. Hester and Mr. Evitts sang with their accustomed richness and sensitivity. The illness of Frank Hoffmeister resulted in three tenor arias being omitted.

At the end of the evening, there was much applause for everyone, and a standing ovation for Mr. Liepmann, who was quick to share it with the others. Later, at a reception in his honor, Mr. Liepmann became the tenth recipient of the Gordon Billard Award "for special service performed for the Institute," presented to him by Jerome B. Wiesner, president of MIT.

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Pre-Retirement Group to Meet

The Pre-Retirement Program for hourly and bi-weekly employees who will reach normal retirement age by June 30, 1972, will hold its next meeting on Monday, May 15, at 3pm in Room 37-252.

Sponsored by the Benefits Office, the meeting will feature discussions on health, led by Dr. Edward Rendall of the Medical Department, and estate planning, led by Dr. Harold Dreyer of the Draper Laboratory.

A discussion about Institute retirement benefits which was previously scheduled for May 15 has been postponed to Monday, May 22, at 3pm in Room 37-252.

\$12,000 Collected in CSF Drive

As of Friday, May 5, the Community Service Fund annual campaign had received \$12,200 from 918 donors throughout the community.

"The growth in the number of contributors is most heartening," said Professor Anthony P. French, chairman of the CSF board of trustees. "It demonstrates that the Fund can achieve broad community support."

"However, we hope that those who plan to make a donation will do so soon because the trustees are trying to determine 1972-73 allocations this month. We have many worthwhile proposals from community organizations we hope to support. All together, the Fund has been asked for nearly \$70,000. Even if we reach our goal of \$50,000, we will not be able to support these agencies at the level they have requested."

Kaleidoscope Picnic To Be Held On May 12

Kaleidoscope, an outdoor picnic for everyone, including spouses and children, in the community, will be held Friday, May 12, from 3pm to midnight in and around the Student Center and Kresge.

The entire Institute is invited to a roast beef picnic dinner as well as to the activities. All activities will be free. Tickets to the dinner are on sale in the Lobby of Building 10 at \$2.75 for adults and \$1.75 for children. The meal will be free for students on commons.

Featured at the event will be several contests as well as numerous exhibitions and performances.

Pie-eating and kite-flying contests will be held on the lawn. In addition, the winner of the Big Screw Contest, which is now being held in the lobby of Building 10, will be announced.

On exhibition will be a tiddlywinks game, a tennis match, square dancing by the Tech

Squares, a group of unicyclists, and a demonstration of clay firing by the Student Art Association.

Among the musicians and dancers who will perform are a bellydancer, Balkan folkdancers, Turkish folkdancers, modern dancers, The Logarithms, Professor Rohsenow's Band, the Concert Jazz Band, the Bill Hurd Septet, the Laduvane Singers, and three rock bands.

"L'Histoire du Soldat" will be presented by a group of actors and a Kiddy Cartoon Show will be held in Lobdell.

Also included in the entertainment will be an exhibition rugby match and a student-faculty softball game.

According to John Krzywicki, a senior from Chula Vista, California, who is chairman of the Kaleidoscope Planning Committee, almost all of the performers are from within the MIT community.

Sponsors for the event are the Kaleidoscope Committee, the Undergraduate Association, the Association of Student Activities, and Alpha Phi Omega.

CONSENT AND ADVISE



The report at the bottom of that stack may be your request for a budget increase. Won't you join these freshman advisors so they will have more time for paperwork?

Become a Freshman Advisor

As of May 5, 144 faculty and staff members have volunteered to be freshman advisors next year. Eighty to ninety more are needed.

Our goal is to assign to each advisor no more than the number of freshmen he or she would prefer. Last year advisors requested as few as one and as many as ten freshmen. If you would like to know a few freshmen well, to find out what the freshman year is really all about, and to support your colleagues in this important activity, please volunteer now as a freshman advisor for next year.

Hale Bradt, Chairman
Peter Buttner, Executive Officer
Freshman Advisory Council
Room 7-103, x6771

Mariette Howell Carves Historic Niche in Graduate Resident Role

Mariette Howell has carved a niche for herself in MIT history. Last fall she became the first single woman to serve as a graduate resident in all-male MacGregor House. Mariette, a graduate student in management, finds her life at MIT quite a change from the all-female environment of Wellesley College where she majored in chemistry and political science.

At MacGregor her activities range from cake baking and water fights to playing on a baseball team. However, her main responsibility is counselling her 32 students and helping with any questions or problems they may have.

Although the graduate resident is not engaged in any formal tutoring program, Mariette helps with academic problems that arise

in one of her fields.

According to Mariette, helping students with problems can be difficult. "They might act as if something is wrong, but they don't usually come out and tell me their problems. I have to ask around and find out myself. The really serious problems are handled by the dean's office and the medical department."

"I think it's good for kids to have someone near their own age to talk to."

Being a resident at MacGregor has brought some definite changes in Mariette's life. For instance, she says, her boyfriends now have to be very dedicated because she has 32 "younger brothers" to verbally approve or disapprove of them.

One date who came to visit her at MacGregor was asked, "Don't you think it's time you went home?"

And if her dates are strongly disapproved of, they are greeted on their second visit with a shower of water balloons.

Sometimes her students don't want Mariette to leave them at all. One night, she says, she was doused with water about an hour before her date was to arrive. Fifteen minutes later as she was drying her hair, several of her students came back and drenched her again. The dousings continued at 15-minute intervals until her date arrived.

According to Mariette, whenever she deserves some sort of punishment, or whenever things are dull at MacGregor, she receives a "bathtubbing": being dropped fully dressed into a tub full of water. Asked how many times she has been bathtubbed, Mariette said, "I can't count them all."



Mike Dornbrook, left and Paul Aidala share dinner table conversation with Mariette.

MIT Housing Office Accepting Applications for New Westgate II

The Campus Housing Office has announced a May 15 deadline for applications for the Westgate II housing for current single graduate students.

The new residence which will open next fall, will accommodate 401 single graduate students in one, three and four-bedroom apartments. It was designed by Hugh Stubbins Associates in collaboration with the MIT planning office and a student client team.

Located at the west end of the campus, beside Briggs Field and near the Westgate married student housing, the new 24-story tower will overlook the Charles River as well as Boston and Cambridge.

In the new building are 44 one-bedroom (two-student), 44 three-bedroom (three-student), and 46 four-bedroom (four-student) apartments. Each apartment has a living-dining area, bedrooms, a kitchen and bath. They include wall to wall carpeting, drapes and kitchen appliances. The units are unfurnished, but a limited supply of rental furniture may be available.

The building also includes community-seminar rooms, recreation space, laundry facilities, on the first and twenty-fourth floors, and storage space in the basement. Two tennis courts will be available next to the building, and free parking will be provided during the 1972-73 academic year, though paid parking may be installed in the future. Pets are not allowed.

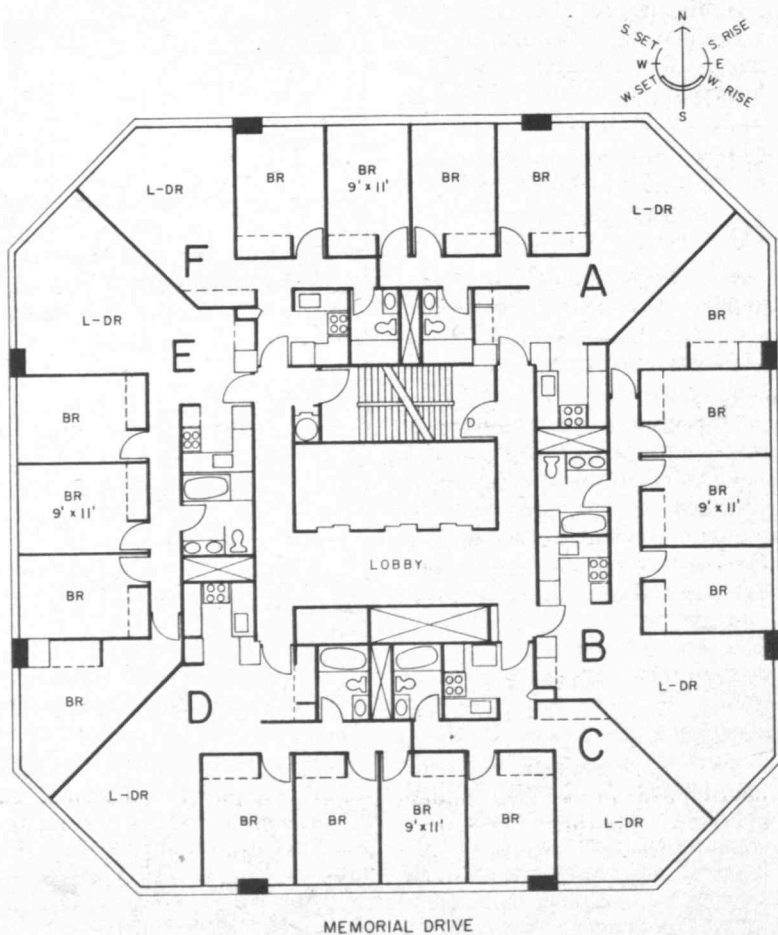
Six apartments in the building have been specially equipped for handicapped students.

Apartments in Westgate II will be leased to students on a 12-month basis beginning September 1. Monthly rent per occupant ranges from \$78 to \$120 and includes all

utilities except telephone.

First priority for housing in Westgate II will be given to groups of single graduate students.

Applications are being encouraged from groups of students who want to live together as well as from individuals.



Mariette Howell in her accustomed place as catcher on her intramural softball team. -Photos by Margo Foote

Some students described Mariette as a "big sister" and others described her as "like a mother." But they all agreed in their approval of the cakes and brownies which she makes for them at least once a week. According to Mariette, the maximum life of her cakes has been seven minutes.

Mariette thinks it's a good idea to have women students as graduate residents in some of the male dormitories. "Many guys who come to MIT have spent all of their time in libraries rather than in social activities, so it's good for the graduate resident to have a background different from theirs."

She has been successful this year, she thinks, because her door is always open and she is always available to discuss students' problems. And apparently the

students also think that she has been successful. Another entry in MacGregor has already requested a female graduate student for next year and women students are being interviewed for the job.

Asked about how being a resident has affected her personally, Mariette said, "Moving into an all-male environment has been a big change, and sometimes I do miss the friends which I had at Wellesley."

The experience has also been personally rewarding, she said, and she plans to remain at MacGregor next year as graduate resident. Of her relationship with the students, she said, "In the beginning I was a girl first, then a person; now they consider me a person first, and then a girl."

"Of all the living alternatives available at MIT on or off campus, I like this one best."

Athletic Department to Offer Tennis Lessons This Summer

The Department of Athletics is offering tennis instruction again this summer.

Manny Weiss, freshman tennis coach, and R. Kirk Randall, Union Boat Club pro, will offer group lessons. Mr. Weiss will also be available for private or semi-private instruction. Any member of the community holding a 1972-73 athletic card or members of the holder's immediate family are eligible to enroll.

Private lessons will be offered at \$5 per half hour or \$40 for a series of ten half-hour lessons. To arrange private or semi-private lessons, call Manny Weiss at the duPont Tennis Courts, Ext. 2912, or Ext. 4498.

Group lessons will be held in three sessions, all meeting on the duPont Tennis Courts or, in case of rain, in the Carr Indoor Tennis Courts. The fee for eight lessons is \$12.50, payable at the time of registration. Students must provide their own tennis rackets, flat-soled tennis sneakers and should bring a can of new tennis balls to the first lesson.

The first group session for beginners will meet Mondays and Wednesdays, beginning June 5, at noon, 4:15pm, 5:15pm or 6:15pm. Intermediates will meet at the same times on Tuesdays and Thursdays, beginning on June 6. The second session for beginners will start on July 10 and intermediates will start on July 11. For the third session beginners will meet Mondays through Thursdays, beginning August 7, at noon or

5:15pm; intermediates will meet at 4:15pm or 6:15pm.

Registration forms are available at the duPont Tennis Courts, the Athletic Office in Room W32-109 and the duPont Equipment Desk. Enrollment is limited.

Student Hurt in Rotating Press Mishap

The hazards in the combination of long hair, or loose clothing, and rotating machinery were pointed up in a classic accident at MIT last week.

"A student with long hair was using a rotating drill press and his hair got caught in the machinery," according to John Fresina, associate safety engineer. "The machine had just been turned on and was not running at full speed, which was fortunate. The injury required several stitches, but could have been much worse."

"Even though it was a classic situation, it's the first one of its kind I've seen in nearly 12 years at the Institute," Mr. Fresina said. "But it serves to remind us of the great dangers inherent in all kinds of rotating equipment."

"People who use these machines need to be alert to potential hazards. Loose sleeves, neckties, beads and even rings increase the possibility of accident."

Rabbi Pollack Retires After Twenty Years

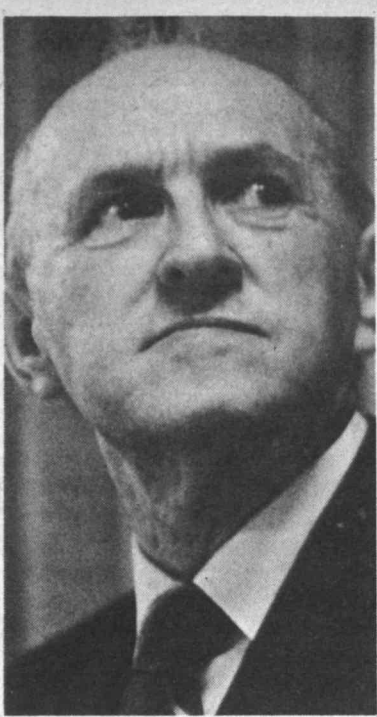
More than 250 people gathered Sunday evening, May 7, to honor Rabbi Herman Pollack on his retirement as director of the B'nai Brith Hillel Foundation at MIT.

The dinner at the Faculty Club was organized by student members of the MIT Hillel group. The main speaker was Theodore Gaster, professor of comparative religion at Barnard College in New York.

Rabbi Pollack was the first director of the MIT Hillel Foundation. During his 20-year tenure, he guided the development of a full program dedicated to the enrichment of Jewish life and culture on the campus.

Before coming to MIT, he served at Brooklyn College, where he also taught. In addition, he has taught at Tufts University and at Boston University. For several years he has served as a draft counselor for the general student body at MIT.

Rabbi Pollack is the author of *Jewish Folkways in Germanic Lands (1648-1806): Studies in*



Rabbi Herman Pollack.

Aspects of Daily Life, which appeared in June 1971, the first book of its kind to be published by the MIT Press.

A highlight of the evening was the presentation of a check for more than \$4,000 to Rabbi and Mrs. Pollack. They plan to use the money, which was contributed by friends, colleagues, alumni and students, for a trip to Israel.

Community Invited to Alumni Days '72

The MIT Alumni Association is inviting the entire MIT community to help celebrate Alumni Days '72 which will be held this year on June 4 and 5.

The program will feature exhibits, a buffet, a night at the Boston Pops, discussions on problems facing society in the next 25 years and a luncheon and closing party.

Opening the celebration will be an international buffet in the Sala de Puerto Rico on the evening of June 4. Following the buffet, buses

Copies of the full program for Alumni Days are available in the Information Center, Room 7-111.

will provide transportation to Symphony Hall for "Tech Night at the Pops."

On Monday, June 5, five speakers will talk on "Moving Toward the Year 2000... the Major Challenges of the Next Quarter Century." The talks, which will be spread over the entire day, will all be held in Kresge Auditorium.

Beginning the series at 9:30am, Colonel David R. Scott, Commander of the Apollo 15 lunar landing mission, will speak about "Voyage to the Moon... and Beyond." Mr. Scott received both his S.M. and Engineer's degrees from MIT.

Secor D. Browne, chairman of the Civil Aeronautics Board, will speak at 10:45am on the topic of "Commercial Aviation - A New Upturn?" Mr. Browne formerly served as Assistant Secretary for Research and Technology at the Department of Transportation. Prior to that he was an Associate Professor of Air Transport and Vice-Director of the MIT Libraries.

Professor Philip Morrison of the MIT physics department will talk on "The Nature of the Universe" at 2:30pm.

"A World Model" will be the topic for Professor Jay W. Forrester of the Sloan School. At 3pm he will discuss his theory concerning the challenge facing society in handling the transition from growth into equilibrium. Professor Forrester, also an MIT alumnus, received his S.M. in

electrical engineering here in 1945.

Professor Robert W. Mann will speak at 3:45pm on "A Contemporary View of Technology and Medicine." The Germeshausen Professor of Mechanical Engineering at MIT, he received his S.B., S.M. and Sc.D. degrees from MIT.

Admission to Kresge for the five speakers will be free. Tickets to the buffet dinner, luncheon, and final party must be obtained in advance and may be purchased in the Alumni Office, E19-437. The Boston Pops tickets will go on sale Monday, May 15, in the lobby of Building 10, 10am-3pm.

At noon on Monday a luncheon will be held in Rockwell Cage. President Jerome B. Wiesner will speak on education for today and tomorrow, and the classes will present their reunion gifts.

Concluding Alumni Days '72 will be a 5pm party in the duPont Athletic Center.

The MIT Alumni Office has stressed this year that the entire Institute community is invited to the alumni celebration.

Dr. London Joins New Cancer Board

Dr. Irving M. London, director of the Harvard-MIT Program in Health Sciences and Technology, has been appointed to a four year term on the newly created National Cancer Advisory Board.

Dr. London is one of 18 members of the Board, appointed by President Nixon. The National Cancer Advisory Board supercedes the existing National Advisory Cancer Council and was provided for in Public Law 92-218, the National Cancer Act of 1971.

Former professor and chairman of the Department of Medicine at Albert Einstein College of Medicine, Dr. London came to the Institute as professor of biology in 1969. He received the A.B. degree from Harvard in 1939 and the M.D. degree from Harvard Medical School in 1943.

Dramashop Presents "Macrune's Guevara" at Kresge Little Theatre

MIT Dramashop will continue its production of "Macrune's Guevara" beginning tonight and continuing through Saturday, May 13.

The play by John Spurling is about Argentinian guerilla Che Guevara. It opened last Friday night and received favorable reviews in the local press.

According to Roderick Nordell of the Christian Science Monitor, "It is a rarified, multilayered exercise in theater by John Spurling, whose playwriting techniques have drawn the kind of comment in Britain that makes one grateful to the MIT Dramashop for a chance to sample them here."

He continues, "Fifteen players handle four times as many parts..., with Joseph Everingham's direction efficiently managing the traffic - and such striking scenes as the invasion of an artist's apartment by large black-and-white cutout figures."

Curtain time is 8:30 each night in the Kresge Little Theater. Tickets are \$2.25, and reservations may be made at x4720.

Education And Politics Lecture Series Today

MIT Urban Action and Upward Bound are sponsoring a lecture and series of workshops on "Education and Politics" today, May 10, beginning at 3pm in the Sala de Puerto Rico.

Humanities Professor Wayne O'Neill will present the keynote address on "Education and Politics" at 3pm and author Jonathan Kozol will give a public lecture on "Free Schools--First and Second Thoughts" at 7:30pm.

From 3:30pm to 5:30pm workshops and discussion groups will explore such areas as free schools, economics and the distribution of educational services, and community control of schools.

Who's New in the News...

--Friedrich St. Florian, a fellow at the Center for Visual Studies, has been awarded a one-year \$10,000 grant by the National Endowment for the Arts for a study which will analyze historical use of the boundary between cities and rivers and will recommend new ideas for the integration of the two.

--John Buttrick of the music faculty will perform Schumann's *Concerto* with the Boston Pops on Thursday, May 11.

--Dr. Noam Chomsky, Ferrari P. Ward, Professors of Modern Languages and Linguistics, were awarded the Diamond Jubilee Medal of the Institute of Linguists last week along with nine other distinguished international linguists.

--Lawrence P. Frank, a junior in physics from Brooklyn, New York, has been chosen by the US Atomic Energy Commission to participate in a 1972 undergraduate summer research-training program and will spend ten weeks at the Oak Ridge National Laboratory in Tennessee.



Kathryn Karnes, right, helps actress Diana Lum, a senior from Cambridge, with make-up for her part in "Macrune's Guevara."

--Photo by Margo Foote

Dr. Gordon Van Wyler Named President of Hope College

Dr. Gordon J. Van Wylen, Sc.D. '51, has been appointed ninth president of Hope College, a four-year liberal arts school in Holland, Michigan. He will assume the presidency of the 106-year-old institution on July 1. Dr. Van Wylen has been dean of the College of Engineering at the University of Michigan since 1965.

Several other MIT alumni hold top positions in colleges and uni-

versities, including Professor Albert Bowker, S.B. '41, chancellor of the University of California at Berkeley; Rear Admiral William Brockett, S.M. '43, president of Webb Institute of Naval Architecture; and Dr. Chittaranjan Mitra, S.M. '50, director of the Birla Institute of Science and Technology in India.

In addition, many MIT faculty members have become college presidents. Dr. Robert C. Wood, former head of the Department of Political Science and director of the Joint Center for Urban Studies, is president of the University of Massachusetts. Professor Warren Bennis of economics and industrial management is president of the University of Cincinnati. Professor Duncan Ballantine of history and English is president of Antioch College.

The rise to academic fame is something of a tradition--the late Dr. Charles W. Eliot, an early member of the Department of Chemistry, became president of Harvard in 1869; and the late Dr. Arthur A. Noyes, S.M. '87, professor of theoretical chemistry and acting president of the Institute from 1907-09, was one of the founders of the California Institute of Technology.

Housing Office Seeking New Home Listings

The Community Housing Service is seeking additions to its listing of houses for exchange, both domestic and foreign. Listings may be telephoned to Ext. 5997 or mailed to Box 42, MIT Branch Post Office, Cambridge 02129.

THE INSTITUTE CALENDAR

May 10
through
May 19

The Karl Taylor Compton Lectures will present Lord Solly Zuckerman, former scientific advisor to the British government, in the second of two lectures under the general title **Science, Sense and Society**. The lecture, "Internal Stresses and Strains," will be Thursday, May 11, at 8pm in Rm 26-100, and is open to the public free of charge. In addition, Lord Zuckerman will meet informally with members of the community Wednesday, May 10, from 2-4pm in Rm 35-252.

Events of Special Interest

Noonhour Dance Programs*

Solomons Company of New York City, headed by dancer Gus Solomons, Jr. will perform in the Lobby of Bldg 7 on May 10-12 from 12n-1pm.

Awards Convocation

Thursday, May 11, 11am, Great Court (in case of rain, Sala de Puerto Rico). Brass Choir will present music. Classes suspended from 11am-noon.

Open Air Reading

Students, faculty, staff will present poems, prose and playlets in the Bldg 14 courtyard (Rm 14E-304 in case of rain) on Tuesday, May 16 from 4-7pm. See Patsy Cumming (Rm 14N-333) or Barry Spacks (Rm 14N-314) for more information.

Student Art Association Exhibit and Sale*

Wednesday, May 17, through Friday, May 19, 11am to 6pm, Student Center "Center" Lounge.

Seminars and Lectures

Wednesday, May 10

Quantification of Biological Rhythms*

Prof. William Rand, nutrition. CIPG Seminar. 12n-1pm, Rm 20B-224.

Adaptive Dual Control of Stochastic Systems*

Dr. Edison Tse, senior research engineer, Systems Control, Inc. Decision and Control Sciences Group Seminar. 1pm, Rm 37-212.

Access to the 1970 Census Tapes at MIT and Harvard*

Walter I. Nissen, Jr., director, Unitel Census Program. 2-5pm, Lamont Library, Forum Rm, Harvard Yd.

Usage of Satellite Airports: The Myth and the Reality*

Prof. Richard deNeufville, civil engineering. Civil Engineering Transportation Division Seminar. 3-4:30pm, Rm 1-146.

Education and Politics*

Discussion and workshops on free schools, educational and social reform, educational services and community control. Sponsored by Urban Action and Upward Bound. 3-5:30pm, Sala de Puerto Rico.

Progress in Fluoridation

David B. Ast, D.D.S., New York State Department of Health. Oral Science Seminar. 3-5pm, Rm E18-301.

Nuclear Fuels*

Warren P. Chernock, Combustion Engineering, Inc. Nuclear Engineering Seminar. 3:30pm, Rm NW 12-222. Coffee, 3pm.

Deterministic and Probabilistic Solutions of the Column Strength Problem

Reidar Bjorhovde, Lehigh University. Civil Engineering Structures Seminar. 4pm, Rm 1-350.

Shapes of Sandbeds under Flows of Fluid

Prof. John B. Southard, earth and planetary sciences. Earth and Planetary Sciences Colloquium. 4pm, Rm 54-100.

Thermodynamics as a Spin-off from Steam Engine Technology*

Prof. Emeritus Joseph H. Keenan, mechanical engineering. Humanities Dept Seminar. 4pm, Rm 14E-304.

Size, Productivity and Returns-to-Scale in Traditional Agriculture

Pranab K. Bardhan. Harvard-MIT Econometrics Seminar. 4-6pm, Sever 32, Harvard University.

High Frequency Specific Heat Measurements Resurrected

Dr. At. T. Skjeltop, Dept of Engineering and Applied Science, Yale University. National Magnet Lab Seminar. 4:15pm, 2nd Floor Conference Rm, National Magnet Lab. Tea & coffee, 4pm.

Thursday, May 11

Answering Questions for Lunar Geologists*

William A. Woods, Artificial Intelligence Group, Bolt, Beranek and Newman. Project Intrex Seminar. 3:30pm, Rm 37-252, coffee at 3pm.

Scattering Theory for Absorption in Fibrous Materials*

Dr. Keith Attenborough, Open University, Bletchley, England. Interdepartmental Acoustics Seminar. 4pm, Rm 5-134. Coffee, 3:30pm, Rm 1-114.

Optimal Price Revolution in the Natural Gas Industry: A Decision Theoretic Approach*

Cyrus Mehta, Operations Research Center. ORC Seminar. 4pm, Rm 24-307. Refreshments following, Rm 24-219.

Study of Airline Baggage Identification and Handling*

Robert H. Bode, senior staff member, A.D. Little. Aero and Astro Flight Transportation Lab Seminar. 4pm, Rm 35-225. Coffee, 3:30pm, Rm 33-412.

Micro Organisms and the History of the Earth*

Dr. Marvin Johnson, biochemistry, University of Wisconsin at Madison. 4:15pm, Rm 54-100.

Nuclear Democracy and Baryon Number

Prof. Geoffrey F. Chew, University of California, Berkeley. Physics Colloquium, Rm 26-100, 4:30pm, tea in Rm 26-110, 4pm.

Current Affairs in India*

Dr. Ram Tarneja, publisher, Times of India. Sangam Club lecture. 7pm, Student Center Rm 491.

Construction of an Imaginary Planet*

Poul Anderson, science fiction writer. LSC Seminar. 7:30pm, Sala de Puerto Rico.

Technology and Societal Problems: Putting It All Together**

Prof. M. Modell, chemical engineering. Chemical Engineering Graduate Student Committee. 7:30pm, Student Center Mezzanine Lounge.

Friday, May 12

Fundamental Behavior of Grinding Wheels*

James Kirk, mechanical engineering. Doctoral thesis presentation. 10:30am, Rm 1-133.

Optical Guided Waves*

Prof. E. M. Conwell, Abby Rockefeller Mauze Visiting Professor in Electrical Engineering. Mauze Lecture Series. 12n, Rm 3-343.

Neurobiology and Its Social Implication*

Prof. Seymour S. Kety, psychiatry, Harvard Medical School. ERC Colloquium. 12n, Rm 10-105.

Is There an Optimum Level of Population

Prof. S. Fred Singer, Environmental Science Dept, University of Virginia. Mechanical Engineering Seminar. 3pm, Rm 3-270. Coffee, 4pm, Rm 1-114.

Chemical Engineering Doctoral Seminars*

G. Chiu, "Diffusion of Liquid Hydrocarbons in Molecular Sieves," 2pm; S. Slater, "Nitric Oxide Formation in the Combustion of Nitrogen Containing Hydrocarbons," 3pm. Rm 10-105.

Thermal Fluctuations in Superconductors—Rounding the Corners of the Superconducting Transition*

Prof. M. Beasley, Harvard University. Center for Materials Science and Engineering Colloquium. 4pm, Rm 9-150. Coffee, 3:30pm.

Low Shear Magnetohydrodynamic Stability

Prof. H. Grad, New York University. RLE Plasma Dynamics Seminar. 4pm, Rm 26-214.

Monday, May 15

Rise and Fall of the Bra*

Dr. Jerome Lettvin, biology. Clothing Design and Comfort Seminar. 3pm, Rm 4-270.

Theoretical and Experimental Studies of the Dynamics and Aerodynamics of High-Speed Automobiles

G. Shawn Buckley, University of California at Berkeley. Mechanical Engineering Special Seminar. 3pm, Rm 3-270.

Nuclear Engineering Doctoral Seminars*

O. Kadroglu, "Lattice Calculations in Molecular Crystals;" R. Schaefer, "Xenon Spatial Oscillations with Temperature and Control Feedback;" J. Castresana, "Hydrodynamic Limit of the Self-Correlation Function in a Mixture of Gases." 3-5pm, Rm NW12-222.

Stochastic versus Deterministic Hydrology

Prof. James C. Dooge, civil engineering, University College, Dublin. Civil Engineering Water Resources and Hydrodynamics Laboratory Seminar. 4-5pm, Rm 48-316. Coffee, 3:30pm, Rm 48-410.

Submillimeter Wave Research at the National Physical Laboratory

Dr. C. C. Bradley, National Physical Laboratory, Teddington, England. National Magnet Laboratory Seminar. 4:15pm, 2nd Fl Conference Rm. Tea and coffee, 4pm.

Tuesday, May 16

Constitutive Equations in the Theory of Plasticity*

Prof. N. Cristescu, University of Bucharest and visiting professor at University of Florida. Special Interdepartmental Acoustics Seminar. 4pm, Rm 3-270. Coffee, 3:30pm, Rm 5-314.

Problems of River Pollution including Biochemical Implication*

Dr. Alexander Preissman, head, Scientific Dept, SOGREA. Special Water Resources and Hydrodynamics Seminar. 4-5pm, Rm 48-316.

Bioengineering in Man Vehicle Laboratory—Past and Future*

Prof. Laurence R. Young, aeronautics and astronautics. Aero and Astro Seminar. 4pm, Rm 35-225. Coffee, 3:30pm, Rm 33-206.

Alienation and Economics*

Prof. Walter A. Weisskopf, economics, Roosevelt University. Technology and Culture Seminar. Lecture, 5:15pm, Rm 9-150; Buffet dinner, 6:30pm, Student Center Mezzanine Lounge; Respondents and discussion, 7-9pm.

Massachusetts Bay Project*

Marine Technology Society meeting. Speakers: Prof. John D. Ditmars of civil engineering, "The Scope and Objectives of the Massachusetts Bay Project;" Bradford Butman, MIT-WHOI, "Currents and Hydrography in Massachusetts Bay;" Prof. John M. Edmond of earth and planetary sciences, "Chemical Problems and Research Techniques for the Massachusetts Bay Project." Social hour, 6-7pm (\$1 admission); meeting, 7-8pm; Faculty Club Penthouse.

Wednesday, May 17

Social Behavior of Penguins*

Prof. Jonathan A. King, biology. ERC Colloquium. 12n, Rm 10-105.

Optical Guided Waves*

Prof. E. M. Conwell, Abby Rockefeller Mauze Visiting Professor in Electrical Engineering. Mauze Lecture. 12n-1pm, Rm 3-133.

Plastic Deformation of Polymers*

Wen Li Wu, mechanical engineering. Doctoral thesis presentation. 2pm, Rm 5-217.

The Technology of Informatics*

C. Stark Draper, Institute Professor Emeritus, president of C. Stark Draper Laboratory. Humanities Dept Seminar. 4pm, Rm 14E-304.

Reliability under Dynamic Loadings

Prof. M. Shinozuka, Dept of Chemical Engineering, Columbia University. Civil Engineering Seminar Series on Structural Safety Theory. 4-5pm, Rm 1-353. Coffee, 3:30pm.

Thursday, May 18

Metabolism of Low Density Lipoproteins in Man*†

Dr. Gustav Schonfeld, metabolism and human nutrition. Nutrition and Food Science Seminar. 4:30pm, Rm 16-134. Coffee, 4:15pm.

The Riddle of the Redshifts

Prof. Geoffrey Burbidge, University of California at San Diego. Physics Colloquium. 4:30pm, Rm 26-100. Tea, 4pm, Rm 26-110.

Friday, May 19

Convection Flow in Toroidal Magnetized Arcs

Dr. F. C. Schuller, FOM Institute for Plasma Physics, Jutphaas, Netherlands. RLE Plasma Dynamics Seminar. 4pm, Rm 26-214.

Women's Forum

Note: All meetings are open to members of individual subcommittees.

Bi-Weekly and Administrative Staff

Sandy Holland of Special Services in the Personnel Office will discuss tuition assistance. Thursday, May 11, 12n, Rm 10-105.

Faculty and Research Staff

Open meeting for all members of Women's Forum to discuss proposal. Friday, May 12, 1pm, Rm 10-280.

Women's Forum

Marilyn Swartz will discuss the draft on HEW. Monday, May 15, 12n, Rm 10-105.

Student Meetings

Premedical Students

Dr. Frederick G. Hofmann, associate dean of admissions, Columbia University College of Physicians and Surgeons, will speak with all premed students, Tuesday, May 16, 5pm, Rm 3-133.

Student Information Processing Board Meeting

Every Monday, 7:30pm, Rm 39-200.

Thursday Staff Meeting**

Every Thursday, 8pm, 2nd floor, Walker.

Technique Staff Meeting

Every Saturday, 11am, Student Center Rm 457.

ERGO Staff Meeting

Every Sunday, 6pm, Student Center Rm 443.

MIT Club Notes

Scuba Club Film Night*

"Twilight Reef." Wednesday, May 10, 8pm, Rm 20E-017.

MIT Club of Boston***

Director of Athletics Ross H. Smith will discuss "Athletes and Athletics at MIT." Thursday, May 11, 12:15-1:30pm, Aquarium Restaurant, 100 Atlantic Ave, Boston. Luncheon, \$3.50.

White Water Club**

Pool session. Tuesday, May 16, 8-10pm, Alumni Pool.

Scuba Club

Pool session. Wednesday, May 17, 8pm, Alumni Pool.

Classical Guitar Society**

Concert guitarist Hugh Geoghegan is available for private instructions for intermediate and advanced students. Call Vo T. Han, 661-0297.

Baker House SPAZ Jogging Club**

Daily, 10:45pm, Baker 2nd Floor West.

Unicycle Club*

Every Sunday, 3pm, in front of Student Center. Beginners welcome. Call Andy Rubel, X3161.

Hobby Shop**

Open weekdays, 10am-4:30pm, duPont Gym basement. Fee: students, \$6/term or \$10/year; community, \$15/year. Call X4343.

MIT/DL Duplicate Bridge Club**

Every Sunday, 2:30pm, Walker Blue Rm. Every Tuesday, 6pm, Lobdell.

Tiddlywinks Association*

Every Monday, 8-11:15pm, Student Center Rm 491.

Soaring Association**

First and third Mondays every month. 7:30pm, Student Center Rm 473.

Club**
Monday, Wednesday, Friday, 5pm; every Saturday, 1pm.
Gym Exercise Rm. Beginners welcome.

Club*
Monday, Thursday, 5pm, Student Center Rm 473.

ical Association**
ic Sailing Shore School, repeated every Monday and Thursday
hroughout the spring, 5:15pm, Sailing Pavilion, non-members
come.

ing Club**
ry Tuesday, 6-9pm, duPont Fencing Rm.

Club**
ry Tuesday, Wednesday, Thursday, 5-6:30pm, Kresge. New
members, especially tenors, welcome. Call Cyril Draffin, 247-8691.

ssical Guitar Society**
ssical guitar classes, group or private. Every Tuesday and
ursday, 5-8pm, Rms 1-132, 1-134, 1-136. Anyone interested in
ons, call Vo Ta Han, 661-0297.

by Club
ctice. Every Tuesday and Thursday, 5pm, Briggs Field.

an Vehicle Design Competition
unteer meetings. Every Wednesday, 3pm, Rm E40-250.

le Tennis Club***
ctice session, every Wednesday, 7:30-10:30pm, T-Club Lounge,
ont.

ence Fiction Society*
ry Friday, 5pm, Rm 1-236.

dent Homophile League*
eting and mixer meets Fridays, 7:30pm, Mission Church, 33
wdoon St, Boston. For gay help (anonymous) at MIT, call the
dent gay tutor, 492-7871 anytime.

BL Duplicate Bridge*†
dge Club. Every Saturday, 1:30pm, Student Center Rm 473.
members, free; non-members, 75 cents.

ess Club**
ry Saturday and Sunday, 1:30-5:30pm, Student Center Rm 491.

Social Events

ciety of Sigma Xi**
ormal coffee hour. Thursday, May 11, 4-5pm, Student Center
n 407. Host, Prof. E. Mason.

perimental Coffeehouse*
ffee, tea, snacks, music, games, people, pictures, slides, etc. Daily
rough Sunday, May 14, open 24 hours/day. Student Center 2nd
oor Center Lounge. Free.

uddy Charles Pub**
in your friends at the Muddy Charles Pub, 110 Walker, daily
30am-7:30pm. Call X2158.

day Afternoon Club**
asic, conversation and all the cold draft Budweiser you can drink.
aturing folk singer Rich Holloway. Every Friday, 5:30pm,
hdown basement Games Rm. Admission: men \$1, women 50
ts. Must be over 21.

Movies

atomy of a Marriage, Part 1: My Nights with Francoise
umanities Film Series. Wednesday, May 10, 2pm, Rm 14N-0615.
ree.

r. Strangelove
umanities Film Series. Wednesday, May 10, 6pm, Rm 26-100.
ree.

Rules of the Game" by Renoir*
hilosophy Dept film. Wednesday, May 10, 7:30pm, Rm 10-250.

uid Dynamics of Drag (Parts 1 & 2)
uid Mechanics Film. Thursday, May 11, and Monday, May 15,
5pm, Rm 3-270.

he Misfits
umanities Film Series. Thursday, May 11, 6pm, Rm 10-250. Free.

atomy of A Marriage, Part 2: My Days with Jean-Marc
umanities Film Series. Friday, May 12, 2pm, Rm 14N-0615. Free.

ummer of 42**
SC. Friday, May 12, 7pm and 10pm, Rm 26-100. Tickets 50 cents.
ust show ID.

ait Until Dark**
udent Center Committee. Friday (Saturday morning), May 12,
2:30am, Sala de Puerto Rico. Free.

McCabe and Mrs. Miller**
SC. Saturday, May 13, 7pm and 10pm, Rm 26-100. Tickets 50
ents. Must show ID.

lash*
angam movie. Sunday, May 14, 3:30pm, Rm 26-100.

the Angel*
SC. Sunday, May 14, 8pm, Rm 10-250. Tickets 50 cents.

he City That Waits to Die: San Francisco
ivil Engineering film on earthquake hazard. Monday, May 15, 4pm,
m 4-370.

uid Dynamics of Drag (Parts 3 & 4)
uid Mechanics Film. Thursday, May 18, 4-5pm, Rm 3-270.

Music

Soundings*
Sonic environmental works directed by Paul Earls, including live
feed-back system, performances of multi-channel electronic works
and live and electronic music performances. May 10 through May
19, Hayden Gallery.

Noonhour Concert*
Wellesley Chamber Singers. Thursday, May 11, 12n, Chapel.

Concert Band Spring Concert*
Friday, May 12, 8:30pm, Kresge. Free admission.

Festival and Concert Jazz Band Concert
Saturday, May 13, 8pm, Kresge.

Symphony Orchestra Spring Concert*
Robert Freeman conducting; guest soloist Luis Leguia; program
includes Haydn Symphony no. 98, Bloch Schelomo, Walter Piston's
Variation for Cello and Orchestra and Brahms' Variations of a
Theme by Haydn. Sunday, May 14, 8:30pm, Kresge. Tickets \$1 at
the door.

Liepyear Concerts*
Performances by students and faculty. Tuesday, May 16;
Wednesday, May 17; Tuesday, May 23; Wednesday, May 24; 5pm,
Rm 14E-109. Free.

Noonhour Concert*
Handel's Lucrezia with soprano Sandra Stuart and John Cook on
harpichord. Thursday, May 18, 12n, Chapel.

Theater and Shows

Macrune's Guevara*
Dramashop presentation of play by John Spurling about Argentinian
geurilla Che Guevara. Wednesday-Saturday, May 10-12,
8:30pm, Little Theatre. Tickets, \$2.25; reservations at X4720.

An Evening of Mime*
Wellesley Mime Troupe. Monday, May 15, 8pm, Little Theatre.
Admission: \$1 for general public; free with MIT or Wellesley ID.

Dance

Folk Dance Club*
International folk dancing. Every Sunday, 7:30-11pm, Sala de
Puerto Rico (exceptions to be posted).

Modern Dance Technique Class**
Elementary/Intermediate. Every Monday, Wednesday, Friday,
5:15pm. Every Sunday, 1pm. McCormick Gym.

Folk Dance Club*
Balkan folk dancing. Every Tuesday, 7:30-11pm, Student Center
Rm 407.

Tech Squares*
Every Tuesday, 8-11pm, Rm 10-105. Call Dorm X0888 or
492-5453.

Folk Dance Club*
Israeli folk dancing. Every Thursday, 7:30-10pm, duPont Gym
T-Club Lounge.

Friday Afternoon Dance Break*
International folk dancing on the Kresge Oval, every Friday
(weather permitting), 12:30-1:30pm.

Exhibitions

Klaus Liepmann Retrospective*
Exhibitions of posters and programs illustrating the history of music
at MIT, honoring Klaus Liepmann, director of music. Hayden
Corridor Gallery, April 28 through May 22.

Faculty Club Exhibit
Exhibition of painting, drawings, etchings by Ruth Boyce, Faculty
Club through June 1.

Autographed Music Scores
Exhibition of autographed musical scores in honor of Klaus
Liepmann and the Choral Society. Music Library (Rm 14E-109)
through the summer.

Graduate Show*
Photographs taken by students enrolled in Minor White's graduate
photography course. Creative Photography Gallery through May.
Open daily 12n-7pm.

Hart Nautical Museum*
Exhibits include "Naval Undersea Research and Development
Center," and "The Art of Rigging." Bldg 5, first floor.

Athletics

JV/F Baseball*
Phillips Exeter. Wednesday, May 10, 3:30pm, Briggs Field.

Freshman Tennis*
Lawrence Academy. Friday, May 12, 3pm, duPont Tennis Courts.

Varsity Baseball*
Lowell Tech. Saturday, May 13, 1pm, Briggs Field.

JV/F Lacrosse*
Trinity. Saturday, May 13, 2pm, Briggs Field.

Varsity Baseball*
Bentley. Monday, May 15, 4pm, Briggs Field.

Freshman Tennis*
Phillips Exeter Academy. Wednesday, May 17, 3pm, duPont Tennis
Courts.

JV/F Lacrosse*
Roxbury Latin School. Wednesday, May 17, 4pm, Briggs Field.

Religious Services and Activities

The Chapel is open for private meditation from 7am to 11pm every
day.

Ascension Thursday Masses*
Thursday, May 11, 8am, 12:05pm, 5:05pm, Chapel.

Roman Catholic Mass*
Every Sunday, 9:15am, 12:15pm, 5:15pm, Chapel.

Christian Worship Service*
Every Sunday, 11am, Chapel.

Christian Discussion Group*
Bible study and discussion of Christianity today. Every Sunday,
9:30-11am, McCormick Seminar Rm A. Call Ron Gamble, X6712 or
547-4279.

Hillel Religious Services*
Monday-Friday, 8am, 7-102; Fridays, 7:30pm, Chapel; Saturdays,
9:30am, Chapel.

Divine Light Mission*
Discourses on the direct experience of Truth given by Guru Maharaj
Ji. Every Monday, Wednesday, Friday, 7:30pm, Rm 4-145. Call
369-1603 (Concord).

Ananda Marga Yoga Society*
Group meditations. Every Tuesday, 5pm, Rm 14E-303. For more
information, call X3664.

Christian Science Organization*
Meeting includes testimony of healings. Every Tuesday, 7:15pm,
Rm 8-314.

Latter Day Saints Student Association**
Religious seminars. Every Tuesday, 8am, Student Center Rm 473.

Christian Bible Discussion Groups*
Every Wednesday, 12:30pm, Rm 4-343; every Thursday, 12:30pm,
Rm 20B-222. Call Prof. Schimmel, X6739, or Ralph Burgess,
X2415.

Christians for Dinner*
United Christian Fellowship. Every Thursday, 6-7pm, Walker Dining
Hall (under sign of the fish).

Praying, Singing, Sharing Meeting*
United Christian Fellowship. Every Thursday, 7-8pm, East Campus
Lounge.

Islamic Society Prayers*
Every Friday, 1pm, Kresge Rehearsal Rm B.

Vedanta Services*
Every Friday, 5:15pm, Chapel; discussion hour, 6pm, Ashdown
Dining Hall.

College Life Campus Crusade for Christ*
Brothers and sisters for fellowship and a time of teaching from the
Open Book. Every Friday, 7-9pm, Rm 1-132.

Islamic Society Discussion*
Isha prayers followed by discussion of various aspects of the Islamic
way of life. Every Friday, 7:30pm, Student Center Rm 473. Coffee
and doughnuts served.

Free Draft Counselling*
Hillel, 312 Memorial Drive, X2982. Call or visit 10am-5pm.

Announcements

Recreational Reading Collection
The newly formed Recreational Reading Collection, to be housed in
the Student Center Library, needs undergraduate volunteers as
members of its directing board. The board, consisting of three
librarians and three students, will purchase and process books and
set policy for the collection. Call Roger Koch, 661-9295.

*Open to the Public
**Open to the MIT Community Only
***Open to Members Only
†Freshmen encouraged to attend

Send notices for May 17 through May 26 to the Calendar Editor,
Room 5-111, Ext. 3279, by noon Friday, May 12.

At-Home Work Pleases Programmer & Planners

"Our Mommy has a talking typewriter."

So boast two youngsters, nine-year-old Imants and seven-year-old Kalvis Kirsis. Their mother, Mrs. Alda Kirsis, is a computer programmer for the Institute's Planning Office and does indeed have a "talking typewriter"—a CTSS 70-94 computer console—set up in her Stoughton home.

The average suburban home does not come equipped with a computer console, but the Kirsis home does. Three years ago Mrs. Kirsis started working in the planning systems division of the Planning Office. She collected, collated and programmed data from construction questionnaires—information about room sizes, locations, furnishings, major users, and the like—to be used by architects in planning construction specifications for new campus buildings.

Last year Mrs. Kirsis decided that her children had reached the age at which she should be home during the day, but she didn't really want to stop working. She says, "I asked my supervisor, Kreon Cyros, if there was any way I could keep my job but work at home. After all, the only thing that was physically keeping me in the office was the computer console."

Mrs. Kirsis' request came at a time when everyone at the Institute was trying to reduce operating costs. And her job in-

volved a very expensive commodity—prime computer time. After several discussions, Mrs. Kirsis and her supervisors found a practical solution.

A computer console was installed in Mrs. Kirsis' home and she started working during non-prime computer time—after midnight. She comments, "I've been working at home since last June and it's ideal for everyone. I'm home with my family, the office is saving money, and the architects are still getting the information they need."

The "talking typewriter" is a constant source of amazement to Imants and Kalvis. Mrs. Kirsis explains, "My husband and I have told the boys how it works and even taken them to the computer center at MIT. But they haven't quite connected the two. The first time they told their teachers about the talking typewriter, I got inquiries about my sons' wild tales."

Mrs. Kirsis usually works on the console from midnight on, but she has the rest of the day to do the things she enjoys. "I read a lot, play with the children, embroider and sew, take care of the house, and of course sleep," she says. "I even entertain a Cub Scout troop once a week and finally learned how to bake bread. It's just so fantastic—I never had enough energy to do all this when I came home after a day in the office."

Even when the boys are in



Mrs. Kirsis at her home-based computer console.

—Photo by Margo Foote

school, Mrs. Kirsis has plenty of company—the family's menagerie. There's Margo, a mischievous, sad-eyed basset hound; three furry gerbils and three colorful finches; and Marshmallow, a large white rabbit, who tries to demolish Mrs. Kirsis' collection of house plants whenever he gets loose.

Mrs. Kirsis not only enjoys working at home, but also likes the kind of work she does. Both she and her husband are interested in architecture—she took several architecture courses in college and her husband is studying at Boston Architectural Center and at the Institute. Their home reflects their

common interest—in the past three years they've added a second floor bedroom-studio-workshop-greenhouse and a balcony, remodeled the boys' room, and installed a natural sunken bathtub. And according to Mrs. Kirsis, "As soon as the weather gets better, we'll be busy again."

Pueblo Indian Students Visit MIT



MIT was host last week to seven American Indian high school students from the Pueblo All-Indian Pueblo Council in New Mexico. The group was invited to the Institute, along with their guidance counselor Miss Terry Bylander, as part of an MIT effort to recruit students who are members of minority groups. During their stay the students, five juniors

and two seniors, toured MIT, attended a class, and visited Revere Beach and the Lexington Common. In addition, a dinner was held in their honor. Left to right are Donald Townsend, Glen Esquedil, Daniel Garcia, Sam Candelaria, Charles Lente, Cathy Teller, Susan Roller, Peter Richardson, Associate Director of Admissions and Miss Bylander.

Variety of Arts Productions Available to MIT Community in Coming Weeks

Members of the community will have an opportunity to participate in a wide variety of arts within the next couple of weeks.

Next Tuesday, May 16, there will be another open reading of poetry and short prose pieces, from 4-7pm in the Hayden Courtyard. This is the third open reading this year, in an activity of growing popularity. The readings are organized by Barry Spacks and Patsy Cumming of humanities. In case of rain the reading will take place in Room 14E-304.

Next Monday, May 15, will offer something unusual—an Evening of Mime presented by the Wellesley College Mime Troupe. The performance is scheduled for 8pm in the Little Theatre. It is free to members of the community who

The student Art Association will hold an exhibit and sale of works by its members beginning Wednesday, May 17 through Friday, May 19 in the Center Lounge at the Student Center. Works of all kinds, from pottery to painting will be available. Hours are 11am to 6pm.

have identification. Tickets for the general public are \$1.

Finally, for the remainder of this week there will be a daily happening at noontime in the Building 7 Lobby.

Gus Solomons, '61, and his six-member dance company are performing on the multi-level structures in the Lobby. One objective of the troupe hopes to achieve is direct contact with the audience through interaction with those who normally use the structures.

Electronic Music Concert Opening Today in Hayden

A series of electronic music events, "Soundings" will open today, May 10, at 2pm in Hayden Gallery and Courtyard, and continue through Friday, May 19.

Following is the schedule of events for "Soundings." Sounding Space: daily, May 10-18, in Hayden Gallery; Mondays, Wednesday, Thursday and Friday, 10am to 5pm; Tuesday, 10am to 9pm; weekends, 1 to 5pm.

Corridor Soundings: each performance will last 45 minutes and will take place in Hayden Gallery and the surrounding corridors. Saturday, May 13, "The Hindenburg," 2:30pm; Sunday, May 14, "Love," 2:30pm; Tuesday, May 16, "Werk No. 2," 8:30pm.

Live and Electronic Court Soundings: the programs will take place in the courtyard, bring your own cushions. Friday, May 13, 7:30 and 9pm: music by Lyle Davidson, Paul Earls and Joyce Mekeel performed by the composers with Chester Bresniak, Martha Moor and students from Boston University; Friday, May 19, 7:30 and 9pm: music of John Cage, performed by students from the New England Conservatory of Music coordinated by Lyle Davidson. The program includes "Imaginary Landscape No. 4 (for 12 radios)," "Amores," "Two Songs," "Cartridge Music," "In a Landscape," and "Variations."

Symphony Orchestra Will Feature Walter Piston Work

The Boston premiere of *Variations for Cello and Orchestra* by Walter Piston will be the featured work in a May 14 concert presented by the MIT Symphony Orchestra. The concert will be held in Kresge Auditorium at 8:30pm.

Robert Freeman will conduct the concert, which is sponsored by the music faculty. Mr. Freeman has been conducting the 80-piece orchestra this year, while its regular conductor David Epstein has been in Europe and Israel on sabbatical.

Along with Piston's work, the program will include Brahms' *Variations on a Theme* by Haydn, Bloch's *Schelomo*, and Haydn's *Symphony No. 98*, which will be performed in the corrected version put forward by H.C. Robbins-Landon.

Luis Leguia, a member of the Boston Symphony Orchestra and Adjunct Professor of Music at

Brown University, will be the 'cello soloist for the evening.

Tickets for the concert are \$1 and will be available at the door.

Travel Information Available at MIT

Information on European summer travel is now available to all members of the MIT community at the Foreign Study Office, Room 10-303.

Youth/student transatlantic fare information will be available as well as student guides to London, Paris, Amsterdam, and Israel.

In addition, there will be full information on car leasing in Europe, the European Rail Pass and other useful travel tips.

Lord Zuckerman Delivers First Compton Lecture, Gyorgy Kepes Asks for New Approach to Science & Technology Given Bienal Coltejer Award

(Continued from page 1)

problems of mankind will only increase."

"At the end of World War II" he said, "the prestige of science and scientists could never have stood higher than it did." There was great hope then, he said for a world community of science. But, the scientific world was "a victim of external forces from the beginning of the post-war era; and necessarily - or at least not surprisingly - animated by an overwhelmingly competitive, utilitarian and nationalistic bias."

It might have been possible for scientists to prevent this, Lord Zuckerman said, for after the war scientists of the United Kingdom were asked to help in determining national priorities.

"Unfortunately," he said, "very few academic scientists were either willing or competent to play the part which I know from personal experience they were genuinely invited to assume, but a part which they could not have taken without revealing an ignorance of the way political decisions are taken in a democracy, and without spending time learning about the political problems of the day. And most were reluctant to do this."

Eventually, he said, the term "scientific policy" overwhelming-

ly had the connotation what could Government do for science and scientists, not what could science and scientists directly do for Government. In retrospect, and knowing the difficulties, what has happened since is not very surprising."

It does not explain, however, how science has become, he said, "a major scapegoat for man's new ills and fears, and where it is that science is held to have failed society," for science has brought major, and wanted, benefits.

"But the human appetite and human expectations inevitably grow as fast as they are satisfied," Lord Zuckerman pointed out, "and now they are growing faster than the possibility of satisfying them. The inevitable has not surprisingly happened-reaction in some quarters going all the way to the denial of the value of economic growth, or even of the merits of the Green Revolution, and hostility to the involvement of scientists in matters which relate to national security."

Yet, Lord Zuckerman said, the technological joy-ride the US and some European countries are taking has yielded material prizes to only a minority of people in the world.

"Before we stop the technological chariot," he said "and shoot the scientist in the driving seat - should we not spare a thought for the two billion or so citizens of this globe who crave—who need—the fruits of education and technology in order to lighten the squalor and poverty in which they now live?" he said.

"Modern methods of food production, food technology, and distribution are equally a condition of the urban civilization which mankind has developed over thousands of years. "We cannot retreat from it now - even if we had the wish to do so. There is starvation in the world and famine and malnutrition. But there will be more, not less if people turn their backs on science."

Speaking of those who say we are rapidly extinguishing our raw materials and energy supplies and will be buried in our waste products Lord Zuckerman said, "I personally reject the extreme position, and instead adhere to the arguments of those who do not believe that man's future is threatened by any possible lack of raw materials or by pollution." New technology, he said, makes possible the economic extraction of

ores that were unattainable in the past, as well as providing substitute materials as demands and costs change.

Regarding pollution, Lord Zuckerman pointed out, as an example, that breakthroughs in fuel technology and the wealth that technology has fostered, has rid the United Kingdom of the domestic coal fire. This, in turn, he said, has eliminated the smogs that had become major health hazards.

"It seems to me just a diversion of effort for the public, and for some scientists, to turn science into a whipping-boy in order to relieve all our frustrations," Lord Zuckerman said. "Rome was not built in a day. The Nirvana of tomorrow is also not going to be built in a day. Mankind is going to take time-and I believe there will be time - to adjust to the world which science and understanding now make possible."

With this issue, Tech Talk begins its second year as a weekly newspaper. After more than 15 years as a bi-weekly newsletter, Tech Talk was transformed into a newspaper on May 5, 1971.

Gyorgy Kepes, Director of the Center for Advanced Visual Studies, and Mauricio Bueno, CAVS fellow, are among six artists to have received top awards at the recent Bienal Coltejer (Coltejer Biennial) held in Colombia.

Six hundred artists, representing many countries, were invited to participate in the prestigious exhibition.

Professor Kepes received his award for "Flame Orchard," a 20-foot field of gas which responds to music. Kepes designed the piece, and physicist William Walton, and physicist William Walton, composer Paul Earls and Mauricio Bueno collaborated in its final execution. "Flame Orchard" is representative of CAVS because it is a collaborative work combining artistic creativity and technological knowledge.

The award-winning work submitted by Mauricio Bueno is a water-sculpture entitled "49 Tubes."

In addition to Kepes' and Bueno's entries, art works by CAVS fellows Ted Kraynik, Friedrich St. Florian, Alan Sonfist and John Goodyear were also exhibited at the Biennial.

Committee Finds Valuable Portraits Rogers Purchased



The Memorabilia Committee, which searches for paintings, photographs and busts from early days at the Institute, announced this week that they have found two portraits which were last seen in 1948 in the Tyler Lounge of Walker Memorial.

The two portraits above were known to have been painted in Paris in 1810 by Rembrandt Peale. Both were purchased in a gallery auction in 1845 by a "Dr. Rogers" for \$8.00 and \$6.00.

"Dr. Rogers" has been identified as William Barton Rogers, the founder of MIT. And the paintings which he purchased for \$14.00 are now estimated to be worth \$15,000 each.

The portrait on the left is of Louis Bernard Guyton De Morveau, a French chemist who lived from 1737 - 1816. The other is a portrait of Etienne Geofroy Saint-Hilaire, 1772-1844, a French zoologist.

Both were found in a storeroom in Building N52 by Walt Taylor, curator of the memorabilia collection, and Warren Seamans, administrator of the committee.

In the second photo, Jerry Engelson, a Northeastern work-study student, is gilding an old frame found by the Memorabilia Committee. Surrounding him in the memorabilia rooms in Building N52 are many of the treasures which the committee has located.

The bust to the far right is of Henry Darwin Rogers brother of the MIT founder. He aided his brother in the original planning of MIT and later became Regius Professor of Natural History and Geology at the University of Glasgow.

Many of the early works will be put on display beginning May 22 in a Retrospect II exhibition in the Hayden Gallery.

-Photos by Margo Foote

Cochrane Cup Win Elates Tech Crew

When Pete Holland, MIT's heavyweight crew coach appeared on the Tech rowing scene three years ago, he was greeted by only a few interested, aspiring oarsmen.

In fact, Pete's first heavyweight crew program numbered less than twenty, including freshmen. MIT heavyweights of 1970 did not win a regatta that spring and in fact finished last in every race.

Last spring, Pete's second season at Tech, the slightly more experienced heavyweights opened the 1971 campaign defeating Columbia on the Charles River. The win over Columbia was the first Tech regatta victory in two full years. The rest of the spring was all downhill as lack of depth and too strong opposition spelled another losing season.

Last fall, when the 1972 crew training season actually began, Holland and MIT crew watchers were keeping their fingers crossed for what appeared to be a "potentially" better heavyweight Tech Varsity. For the first time in three years, MIT could compete with a second varsity and the freshmen had two full eights.

Freshman Coach Don Saer, a former MIT stroke and captain, contributed sophomores John Miller (New Britain, Connecticut), Mel Aden (Buenos Aires, Argentina), Charles Davies (Erie, Pennsylvania), and Andy Kerhohan (Parrsboro, Nova Scotia) from his 1971 eight teams and it looked as if Tech would be improved in 1972.

The season opened on the Harlem River in New York on the second Saturday of April and MIT romped to a three length victory. Optimistic but cautious, Holland stayed with his same boating for the next Saturday race. The bow, Joe Clift (Houston, Texas) 2. John Miller (New Britain, Connecticut) 3. Dustin Ordway (Fairport, New York) 4. Greg Chisholm (New York City) 5. Mel Aden (Buenos Aires, Argentina) 6. Chuck Davies (Erie, Pennsylvania) 7. Andy Kernohan (Parrsboro, Nova Scotia) Stroke, Captain Jere

Women Place Second, Third in Crew Race

The MIT women's crew placed second and third on Sunday, coming in behind Radcliffe and ahead of Wellesley.

Racing in the second place shell were Elaine Kant, a junior from Silver Springs, Maryland; Janice Benson, a sophomore from Baltimore, Maryland; Leafy Feld, a freshman from Boston; Susan Ashworth, a freshman from Hingham; and Coxswain Eric Schaffer, a freshman from Valley Stream, New York.

In the third place shell were Jane Ward, a junior from Hillsdale, New Jersey; Marge Livingstone, a senior from St. Petersburg, Florida; Janice Henze, a junior from Oakdale, New York; Jan Sharples, a faculty wife; and Coxswain Sue Costa, a freshman from Fall River.

Next Sunday the women will compete in the Women's Northeast Sprints in Old Lyme, Connecticut. Out of a field of 16 schools competing in the event, MIT has been rated fourth.

Leffler (Columbia, Maryland) Cox David Burns (Dallas, Texas).

Burns started with Coach Pete Holland three years ago and has been his Varsity coxswain ever since. Mel Aden, rowing at five seat, is the brother of Tech All New England soccer goalie, Tom Aden.

MIT's second race should have been the 1972 collegiate crew season upset of the spring. With less than 150 yards from the finish of a 2000 meter race against Olympic hopeful Northeastern and an always tough Boston University eight, MIT held a half length lead and has an amazing upset victory in sight.

Unfortunately, a mixup within the Tech boat while shifting into sprint speed, fouled stroke Jere Leffler's seat slide which almost stopped the shell dead in the water. The hesitation was all that Northeastern needed as they passed MIT to win by a half length. Boston University, however, trailed in third.

Disappointed but determined, MIT prepared for perennially strong Harvard and Princeton the next Saturday on the Charles River for the annual Compton Cup. Harvard, still smarting from their defeat at the hands of Navy in last year's Eastern Sprint Championships, a regatta they have won seven straight years, were heavily favored to retain the Compton Cup.

Holland, once again, stayed with the same boating and gave the big Crimson eight battle for three quarters of the race. Although Tech was 2 1/2 lengths back of Harvard at the finish (their closest margin in nine years) they did beat Princeton by the same margin, MIT's first victory over the Tigers in seven years.

The stage was set for this Saturday at Hanover, New Hampshire (Connecticut River) and the twelfth Annual Cochrane Cup. A three-way race between



Victorious crewmen beaming after receiving the Dustin Ordway, Chuck Davies, Dave Burns holding Cochrane Cup are (left to right): Greg Chisholm, the cup, Mel Aden and Jere Leffler.

-Photo by Brad Billetdeaux, '72

Wisconsin, the defender, Dartmouth and MIT. MIT had not won the regatta since 1965. But things started to happen as early as Friday when the race was suddenly switched to the Charles River due to the flooding waters of the Connecticut River.

Once again, Coach Holland went with the same personnel and the Engineers started fast. The race continued nip and tuck through the first 500 meters. MIT was stroking at 34 strokes to the minute while Wisconsin, less than twenty feet behind, were considerably higher at 38.

Dartmouth, lagging in third, was at 36.

The race developed into a two boat affair, Wisconsin desperately trying to inch up to Tech while Dartmouth faded two lengths to the rear.

The two crews plowed their way down the 2000 meter course, with Tech rowing smoothly at 34 stroke and Wisconsin up to 39.

At the finish, MIT closed first in 6:00.3, followed two seats behind by Wisconsin in 6:01.5 and three

lengths back, Dartmouth in 6:12.

When the victorious Tech crew returned to the jubilant fans dockside at the Pierce Boat House, it was a frenzied scene. Senior coxswain, Dave Burns, who's been through all the lean years, was given the traditional dunking into the murky Charles and loved it! Junior captain, Jere Leffler, accepting the Cochrane Cup from a

Al Dopfel Smashes Own Mark

Al Dopfel continued his blistering pace last week. Dopfel, Tech's fireballing right-hand pitcher, broke his own single game strikeout record with nineteen strikeouts against Bates College.

Al set the previous Tech single game mark of 18 on April 26th while no hitting Brandeis. Dopfel allowed only one hit to improve his season totals to 5-1 win-loss record. '72 earned run average and 105 strikeouts in 62 innings.

Dopfel helped his own cause by hitting two doubles and driving in four runs in the 8-1 victory over Bates. Al's hitting statistics are team leading .352 batting average, three homers, 20 RBI's and a .676 slugging average.

The Engineers and Dopfel will try to improve their 8-3-1 record against Northeastern today. Northeastern, a contender for a NCAA regional tournament spot, could prove to be worthy credentials for MIT's own tournament ideas.

Young Is N.E. Singles Champ

MIT's premiere tennis player, Bill Young, carries a 15-2 singles record into Tech's last regular season match on Wednesday against Amherst. Bill's only loss to a New England opponent was to Harvard's Harris Masterson, in a three set match. Young should be seeded number two in this weekend's annual New England Collegiate Tournament.

MIT has never had a New England singles champion in the school's history.

Wisconsin oarsman hugged it saying, "It's been too long."

And Coach Pete Holland, lighting a cigar a la Red Auerbach, was elated but conservative in his appraisal of his crew's effort.

"It wasn't our best race of the year," said Holland. When asked about the prospects for next Saturday's Eastern Spring Regatta at Worcester, Holland offered, "We haven't prepared ourselves for a peak race in the Sprints. I'd rather have our best effort in the last race of the season, the I.R.A.'s (National Championships) in Syracuse the first weekend of June."

Bob Tronnier Is Reigning Hurdle King

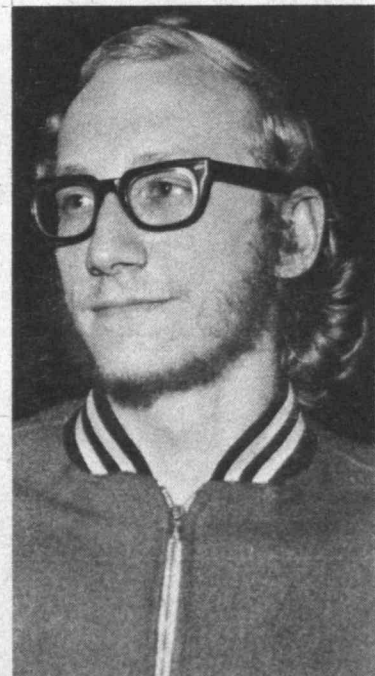
In track, Bob Tronnier is one of those MIT athletes that can rise to the occasion in championship meets.

The 6'-2" junior from Green Bay, Wisconsin, and present MIT record holder in the 120-yard high hurdles at 14.4, had another great day in last Sunday's Greater Boston Track Championships. Bob tied his own Tech record, winning the G.B.C. 120-yard highs and came back to take another first in the 440-yard intermediates. Tronnier, beaten only once in the 120-yard highs during the regular season, is the reigning New England indoor and outdoor hurdle king.



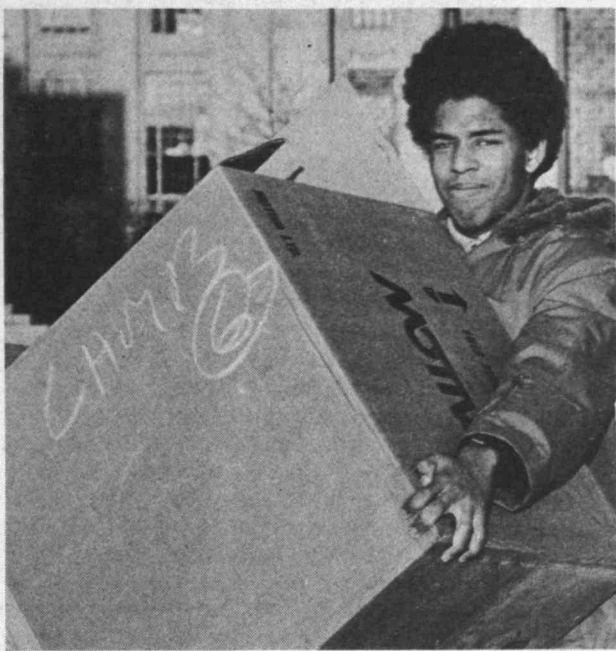
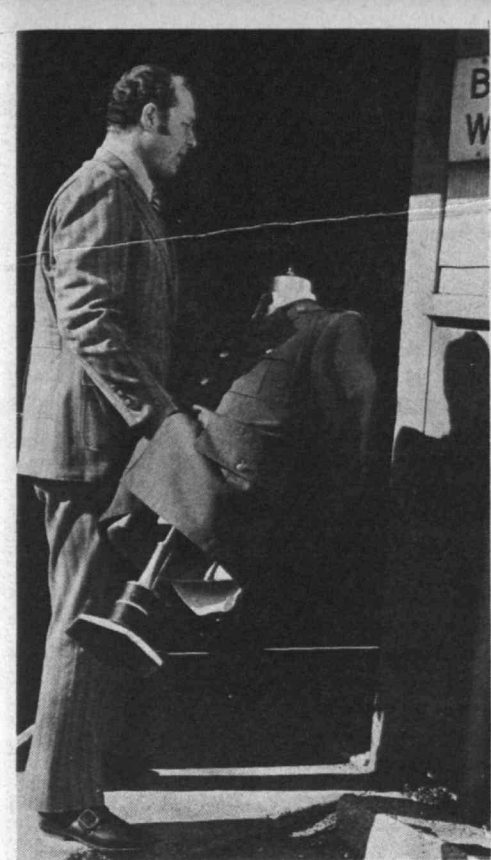
His teammates neip pull coxswain Dave Burns from the water after a traditional dunking of the winner.

-Photo by Brad Billetdeaux, '72



Trackman Bob Tronnier.

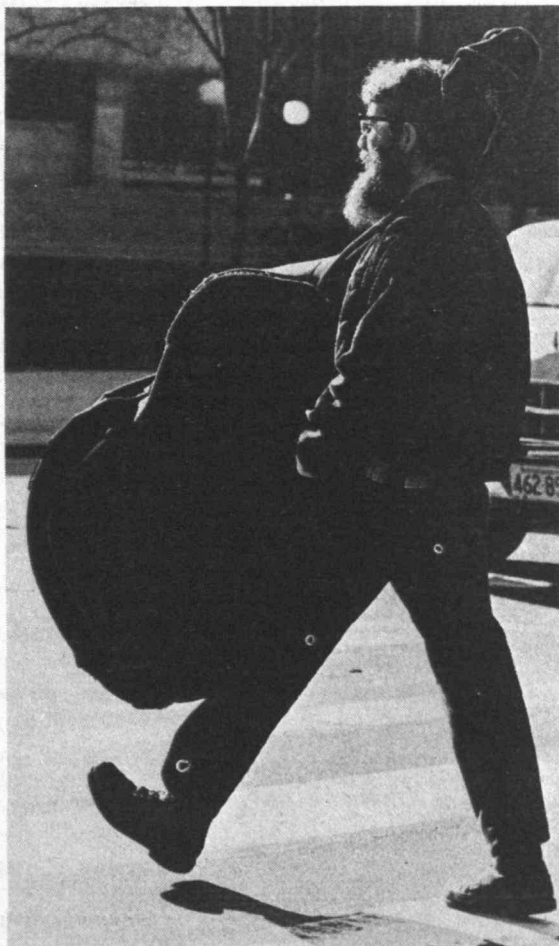
Carrying On



It takes all kinds of things to make life run at the Institute and, for the most part, people have to carry those things around. Top left, a salesman arrives at ROTC headquarters with a mannequin. Top right, a student totes a large carton

to his room. Above, a budding architect with a model. Below left, a housing employee carries pillows from one residence hall to another. Below right, a student musician lugs his 'cello off to rehearsal.

photographs by Margo Foote



CLASSIFIED ADS

Ads are limited to one per person per issue and may not be repeated in successive issues. All ads must be accompanied by full name and extension. Only Institute extensions may be listed. Members of the community who have no extensions may submit ads by coming in person to the Tech Talk office, Room 5-111, and presenting Institute identification. Ads may be telephoned to Ext. 3270 or mailed to Room 5-105. The deadline is noon Friday.

For Sale, Etc.

Kenmore port sewing machine, Hoover Pixie vacuum cleaner, window screen fan, bathroom scales. Call 864-0779.

RC Heathkit, 3 chan, 6 meter, w/3 servos, \$130. Mark, X4160.

Dual 1019, gd cond, w/unused Shure M91E cartridge, \$90. Kenny, Dorm X9632.

Leica IIIf, 50mm f/2.0 Colleps Summicron, exc, \$140; Leica thread 35mm f/2.5 Nikkor, exc, \$40; Bogen mini enlarger & dkrm access, all exc, \$65. Taylor, X5142.

Mich X 205x14 tires, worn, some tread left, 4 for \$15. O'Neal, X4301.

Solid wd Ital prov queen size headboard, br new, nvr used, was \$200, sacrifice \$75. Jack, X2164.

Dbl bed, 9 mos old, lk new, \$70. Susan, X3231.

Skis, 205cm w/bndgs & poles, \$30; tennis racket & press, \$5. Naomi, X1931.

Old Eico 30w tube stereo preamp-amp. John, 354-8170 evgs.

Rollaway beds w/matts, 1-30" wide, \$10; 1-48" wide, \$20. X7523.

Br new Dynaco SCA-35 amp, asking \$120. Dave, 267-7287.

Stereo recvr; floor polisher, lk new; 7 golf clubs w/bag & cart. X6116.

Hoover Constellation vac clenr; iron; toaster; AM radio. X6840.

Woman's 3-spd 26" Eng style bike, 1 1/2 yrs old, \$38. Ann, X7408 Linc.

Sunbeam 16" elec lawn mower, exc cond, 2 yrs old, \$25. Pat, X7784 Linc.

Lafayette Minuette 10w stereo spkrs & 20w amp, \$25; Head 175cm skis, \$30. Liz, X6808.

F1 size cello, gd cond, exc student instrument, 2 bows, hrd case, \$500. Bob, X5893.

Bridgestone 5.20x13 ww tires, 4, for Datsun, Toyota, etc + 2 Metseler studded snows, gd tread left on all, \$40 for 6. Aldrich, X5360.

Child's crib & matt, \$30; car seat, \$8; humidifier, \$7; high chr, \$5; mesh gate, \$2; dbl bed w/box base & frame, \$40, must sell. Carolyn, X6705.

Man's 26" bicycle, old but works, won't get stolen if locked, \$10 incl lock; car batt, orig equip, yr old, \$5. X6395.

RCA 16" TV, gd cond, \$20; frames for paintings; wl trade tbls for green stamps. Gundersen, X6085.

Golf shoes, size 3 1/2. John, X5001.

Green sculp acrylic rugs, yr old, w/pads: 13x9'9", 10x9'9", 14x2'5" runner, \$75; DR set, round tbl, 6 chrs, buffet & hutch, cherry walnut, \$250. Barbara, X302 Linc.

Webcor hifi 3-spd rcrd chgr w/stand, diamond needle, \$25. Helen Morgan, X3501.

IBM Selectric, 6 mos old, lk new, w/2 fonts, 1 tech, some supplies, \$375. George, X6470.

Screen-storm comb door, wd, cross-buck, 32x80" w/hardware, primed & painted wh. X6280.

Baby carr, soft body lift out type, \$15; net playpen, \$5; infant seat, \$3. Bill, X7192.

Harrison 3-pc lugg, beige vinyl w/br lthr trim, shoulder tote, 24" pullman, 22" wkender, best offer. Mary, X4547.

Comf sofabed, 60x30"; bedside tbl, wal fin, 4 drw; 3 attrac tbl lamps, reas. X2151.

Mich X 6.70x14 tires, 4, \$120; Olympia port typwr, \$75; Ramirez classical guitar, exc, \$400; Farfisa combo-compace elec organ, \$300, wl dicker. Bill, X468 Draper 7.

Weston Master II lt mtr universal expos mtr, \$5. Ben Miller, X7363 Linc.

Shure M91E mag cart, br new, was \$50, now, \$20. Kal, X7333.

Minolta SRT 101, 58mm, f1.4, \$165; Lens, Vivitar 200mm, f3.5, Minolta mount, \$65. Dick, X4170.

Organ, transistorized, inc unique theremin, \$200. Eric, Dorm X9565.

Sears Kenmore elec dryer, new, \$125; Fisher RC70 cassette tape deck, hardly used, \$90; Frigidaire washer, \$25. David Torrealda, Dorm X9745 or X168 Draper 7.

Zenith b&w TV, '72 model, 16"; 4 mo old, was \$125, now \$100 or best. Dorm X9658 after 7pm.

Westinghse washer & dryer, 2 yrs old, exc cond, avocado, can be stacked or side by side, \$300; Radio Shack stereo MC2000, comb, table, amp, am-fm, 2 spkrs, \$175. X582 Draper 7.

Upr piano, gd cond, easily moved, \$75. John Godine, 354-5885.

Philco dbl oven elec stove, \$70; 4 wh bar stools, \$32. Dick, X7685 Linc.

Garrard SL-95 turntable w/base, dust-cover, Shure M91E cartridge, gd cond, \$70 or best offer. John, X4677.

Pr tires, 6:00-6:50x13's, on wheels, \$12. Doug, X7554 Linc.

Tech Flying Club membership, 1/3 off. X7538.

Queen size platform bed; reg queen bed w/walnut hdbd; hvy antique swivel chr. Linda, X7001.

Free: stuffed leather chair, needs repair, carry it away, anytime. X3213.

Architecture student will paint hse, do repairs, renovations, exp, refs avail, reas rates. Ron, X5364, lv msg.

Wringer washer, white, gd cond, \$20. Mary Signoretti, X6487.

Walnut pool tbl, 3'x5', v gd cond, best offer. X3347.

Raleigh 27, 10-spd bike, superb cond, best offer over \$60. Ed, 262-9075 after 6pm.

Couch, fold-out; 2 tbls; rock chr; dbl bed; enlarger. Judith, X3823.

Solid teak bureau/vanity, top drawer opens up w/mirror inside, \$85. Gay Green, X6363.

GE air cond, 8500 BTU, exc cond, \$175. X5318.

Med style chr, carved cane back, green velvet seat, \$25. Reily, X5855 Linc.

Refrig, lg, family size, gd cond. David Simansky, Dorm X0370.

Radio, \$10. Randy, Dorm X8565.

Playboys, 69 copies, no duplicates, \$30. Orf, X3206.

Peugeot 10-spd, woman's frame, UE-18, lk new, \$120. Don Roth, X2396.

Jerry pack & alum frame, lg, gd cond, new frame, \$35. Bon, X4771.

AR4X speakers, 2 yrs old, \$60/pr. Frank, X7333.

Drafting tools w/board, old but still useful, ideal for boy interested in drafting, free. Bill, X2445.

Lafayette RK-880 stereo tape deck, 2 yrs old, exc cond. X286 Draper 7.

Carpet, looped wool, 12'x28', blk/wh/br, 5 yrs old, \$75; antique corn sheller, \$25; 5 blk/wh modular seats w/2 benches, 3 yrs old, \$800 new, now \$375. Steven, X7645 Linc.

Black kangaroo fur hat & coat, sz 12-18, \$80; ice skates, grls sz 11, ladies sz 10, man sz 9, \$3 each; air matt & pump, \$5; dres tbl, \$25; reel tape cdr, \$15; snow tires, 8.78x15, \$20/pair. Bernard Moss, X3708.

SEEC books, vol 2, 5, 6, 7, perf cond, \$10. Brian Boyle, X7811.

Fedders 6000 BTU air cond, yr old, \$75; pr radial studded snow tires, 165x15, yr old, \$60; Simmons hide-a-bed sofa, \$50; misc furn, very cheap. Tom, X4807.

Duncan Phye DR tbl, w/3 extn, solid mahog, brass feet; 2 arm chr, 2 side chr; stockade fence, 8 sect, 6'x8', also 6 posts, 9'. Howard Babbitt, X5860 Linc.

Playboys, '65-'70, \$.25-.50 each; records, \$2.50 down; 3" reflector telescope, \$15. Edward Uchno, Dorm X8429.

Bell Magnum helmets, 2, \$35 each. Ed Givler, X7697.

Sears athletic belt massager, \$45; hard rock maple extn leaf tbl, \$25, chrs free; sofa, tan w/gold thread, \$60, matching chr, \$50, both for \$100; Kermen oriental rug, 10'x12', red design, pad inc, was \$355 now \$100 firm; Coldspot 11000 BTU air cond, \$135. Vitale, X4498 lv msg.

Comb baby bath/dress tbl, \$7; playpen, \$3; cartop suitcase carrier, \$7. X7235.

Men's sgl-spd bicycle, \$18. Buzz, 323-8412 evgs.

Sofa, corner set, \$80; twin bed, \$25; 20" window fan, \$10; DR tbl & chrs, \$15. Call 332-3966 evgs.

Canon FTb, new f/1.4 FD lens, yr warranty. Call 491-1620, lv msg.

Green tweed 9x12 rug, used 3 mos, \$60 or best; tex lthr chr w/ottoman, \$55; 2 fl size beds, \$60 ea; dres tbl w/mirror, \$50; etc. Call 876-3877.

Washer & dryer; Hotpt refrig; d'ette set; misc baby & other furn; moving, must sell, reas. X5084.

Nrly new tires, 5, 6.00x13, \$13 ea; Hotpt elec stove w/quick clean oven; metal sink. Joanne, X427 Linc.

Vehicles

'59 Mercedes 220 SE sunrf sedan, bl w/red int, \$500 or best; parts car, \$200. X3171.

'61 Peugeot 403, nds front end wk, radials, new batt, \$50. Mimi, X7019.

'63 VW exc mech & body cond, R&H, \$350. Pat, X6646 or Kwan, X4620.

'63 Hillman, mechanic's delight, won't start but repairable, new batt, \$60 or best offer. Dave, X2843.

'64 Karmann Ghia, must sell, no reas offer refused. Steve, X5671 after 5pm.

'64 Buick Skylark, gd cond. Pat, X3141.

'66 Buick Special, 2 dr sedan, V-8, auto, pwr st & br, 39K, lving, must sell, \$425 or best offer. Bekefi, X2550.

'66 Ford Falcon, gd cond, \$275. X5470.

'66 Valiant, 2 dr, lg V8 eng, gd cond, \$750. C. Pherrian, X7262.

'66 Merc Comet, 8 cyl, \$600 or best. Mark, Dorm X8368.

'66 VW squareback, \$350. Trond, X1943.

'66 Buick Wildcat, hdtop, 4 dr, exc cond, auto, pwr st & br, R&H, new exhaust, tune up, \$600. Joe, X5550 Linc.

'67 Chevy Nova II 4-dr, 6 cyl, 46K, snows, lk new, \$740. Peter, X5915.

'67 VW fastback, R&H, inspected, exc cond, asking \$795. Hynda, X6788.

'68 Fiat 850 sedan, exc gas mi, gd cond, reas price. Adela, X9491 or Dorm X0907.

'68 Rambler Rogue, auto, gd tires, exc cond, \$800. Kleindorfer, X4930.

'68 Jeep Commando V6, 4-wh drive, \$1200; Camb sum sublet, nr Radcliffe, 1 BR ptly furn apt, LR, K, B, deck, yd, avail 6/12 w/opt, \$150/mo. Tremaglio, X7792.

'68 Mercury Montego, V8, auto, pwr st, am, 2 studded snows, gd cond, reliable, v quiet, best offer. Lee, X6037, lv msg.

'69 VW bug, exc cond, 36K, 4 new tires & brake linings, 2 gd snow tires, \$1350. Florence Premin, X453 EDC.

'69 Renault 16, exc cond, front wheel drive, radials, FM, \$1300. Virginia, X2471.

'69 VW, auto, am-fm, exc cond, \$1250 or best. Akalin, X9904 or X2961.

'70 Duster, orange, black vinyl top, r, exc cond, 33K, \$1600. Dick, X3227.

'70 Fiat 850 Sport Coupe, am-fm, 4 spd, needs body work, best offer. Fisher, X6085.

'70 VW camper van, v gd cond, carpet, 8-trk stereo, reas. X5784 Linc.

'70 Austin America, exc cond, orig owner, 11K, auto, AM-FM R, best offer. Call 232-9464.

'71 VW sqbk, exc cond, warranty, snows, 19K, R, must sell, best offer. Amy, X6044.

'72 Datsun 510, am-fm, 9K, balance of warranty, \$1900. Thompson, X3531.

'70 Honda CB 450cc, \$850. Debby Walther, X2431.

'70 Kawasaki, Mach III, red, cerieni forks, \$695. Ed Parks, Dorm X8356.

'71 Honda, CB-350, exc cond, lug rack, low mil, \$725 or best offer. George Kenney, 266-4775.

'72 Yamaha 125 Enduro, lk new, under 500 mi, elec start, w/service manual, tool kit, many extras, \$550; '70 Honda CL 350, perf cond, under 1K, \$650. Dave, X7508 Linc.

Boat, 13', fiberglass over wood, gd for 10 or 15 hp motor, running lights, \$25 firm. Derry, X2777.

Lippincott No. 10991 Lightning sail boat, exc cond, trlr, sails, race equip, self-rescue, Harken blocks, many extras, \$2500 or best offer. Dick, X6432.

O'Day Day sailor, gd cond, stepped mast, trlr, access. Call 237-1414 evgs.

Sailboat, 5-0-5, inc trailer. Timothy, X7234 Linc.

Housing

Allston, sum sublet w/opt, 2 BR, LR, mod K, carpet, \$230/mo. Diane, X2586.

Allston, Camb St, summer sublet, 2 BR in 4 BR apt, nr T, avail June 5, \$140/mo, furn may be purchased. Howard Krauss, X485 Draper 7.

Bk Bay, Mass Ave & Beac, 3 BR, LR, K, sublet 6/1-8/31, \$225/mo. Scot or Lew, 247-8124.

Bk Bay nr Fenway Pk, studio w/kette, B, furn, sublet 6/1-8/31, \$140/mo. Steve or Al, 262-4159.

Bk Bay, Marlborough St, studio, lg, avail 5/25. Ann, X3626.

Bk Bay, Hemenway St, rent 1-5 rms + K & 1/2 B for sum, 6/1-8/31, \$60/rm. Mike, Dorm X9500.

Bk Bay, Bcn St, 1 BR, huge LR, avail 6/1, w/opt, nr Pru & Common, 10 min walk to MIT, \$225/mo. David Kohlstedt, X6375.

Bk Bay, Marlborough & Mass Ave, sublet, 1 BR, LR, DR, comp furn, nr T, pets, 6/1-9/1 or 9/15, rent negotiable. Susan, X2697.

Bcn St, beaut lg BR/LR, K, B, frpl, bay windows on river, mahog panelled, \$195 inc pking, ht, util, sublet w/opt. Chuck, X6650.

Bcn HI, 2 sum spaces avail in apt, nr T, \$60/mo. Call 723-4375.

Bos, Newbury St, 1 BR furn sum sublet, nr Pru, landlord pref fem or married cpl, opt to renew, \$175/mo. Call 266-5984 evgs.

Bos, BR, LR, K, avail 6/1, w/opt, \$155/mo. Bill Honda, X5338 lv msg.

Bos, Mass Ave & Marlboro, 2 BR, LR, ww carpet, panelling, \$290. Buzzy, 266-1743.

Bri, air cond, new 2 BR apt, quiet, nr T, sublet 6/1 w/opt, rent negotiable. Tom, X2793.

Bri, sublet, Comm Ave, share mod apt nr T, \$94/mo. Walt, 734-3278 evgs.

Brk, quiet, 4 BR, porch, 2nd flr, avail 6/1, \$250/mo. For sale: nrly new refrig, washer-dryer. Call 731-0275.

Camb, nr Cent Sq, sum sublet, w/opt, 2 BR, furn, avail 6/1, best offer. Bill Porteous, X4560.

Camb, 2 BR apt, nr MIT, air cond, \$320/mo + pking, avail 6/1. X6024.

Camb, sum sublet, Central Sq, furn apt, 2 BR avail, \$66.66/mo/rm. X4626.

Camb, 6-rm hse, Wendell St, \$50,000 or best. Jacks, X2661.

Camb, Porter Sq, sunny 6 BR hse, LR, lg K, porch, dish & laundry, avail June for sum or perm, \$495/mo. Toby, X5526.

Camb, Lex Ave, 8-rm hse, furn, yd, avail 6/1-8/15, \$350/mo. X7140.

Camb, nr Cent Sq, 1 BR apt, exc cond, nicely furn, \$250/mo incl utils. X6997.

Camb-Som Line, Northgate apt sum sublet w/opt, 2 BR, air cond, dish & disp, on T, off-st pking, \$235/mo. Dave, X4627.

Camb, nr Harv Sq, attrac 1 BR furn sublet, July & Aug, \$160/mo. Call 491-5786 evgs.

Camb, 2 BR apt nr Cent Sq, sum sublet w/opt, pking, air cond, \$230. Henry Taylor, X7432.

Camb, nr Harv Sq, mod 1 BR apt, sublet 6/1-9/1 w/opt, air cond, dish, \$245/mo. Michel, X346 Draper 7.

Camb, 4 BR or 3 BR + LR, for sum w/opt, in rent-controlled, tenant organized bldg, Cent Sq area, \$175/mo inc heat & water. Call 354-3349.

Camb, spac 5 rm apt between Harv & Cent Sq, avail now, \$260. Perlmutter, X3221.

Camb nr MIT, sum sublet, 5 rms, part carpet, new K, \$200 incl gas. Scott, Dorm X8229.

Camb, Cent Sq, lg 2 BR apt, K, LR, DR, sublet 6/1 w/opt, \$260 incl ht & util, furn. Marjorie, X1931.

Clev Circle, sublet w/opt, 2 BR, nr T & park, pool, avail 6/1, \$220. Call 731-5554.

Clev Circ, lg 3 BR apt, nr pool, T, park, 6/1-9/1 w/opt, \$280/mo. George Smith, 739-1012.

E Camb sum sublet 2 BR apt avail 6/1 w/opt, \$165/mo. Greg Landheim, X3213, lv msg.

Eastgate, sum sublet, 1 BR corner, furn, 5/29-7/6, \$200. Pines, X2380.

Fram, 1 BR, ww carpet, air cond, pool, pking, roomy, \$170. X177 Draper 7.

Ntn, 6 yr old, 2 family, 1st flr, dish & disp, frpl, LR, DR, 3 BR, B, garage, 7 min to Bos, lease req, avail June 1, no pets, \$350/mo. Lynn, X4875.

Som, Northgate apt, 2 BR, L, K, mod, AC, ww carpet, pking avail, sublet w/opt, avail 6/1, \$250. Craig, 776-6347.

Som, 2 BR apt w/carpet, air cond, dish & disp, pking, \$240/mo, sublet 6/1-8/31, must be MIT affiliated. Call 666-8685.

Som, 1 BR apt, mod, ww carpet, air cond, disp, pking, 10 min to MIT, sublet furn or unfurn 6/1-8/31 w/opt unfurn, \$190. Alexa, X3228.

Waltham, Windsor Village, 3 BR, over-looks lake, dish, disp, pool tennis, 2 1/2 B, air cond, \$330 inc heat. Dan Hogan, X7192 Linc.

Westgate, sum sublet, 2 BR, furn, 5/20-6/20, \$190 or \$60/wk. Call 354-0871.

Littleton, unfurn log house, 3 BR, 2 B, den, util rm, LR, DR, K, lg frpl, 2 car gar, 1 1/2 acre, major appliances, avail 6/1, \$350/mo. X3989.

Wellesley, lg older hse on 1/2 acre, extra lg LR & DR, eat in K, foyer, 3 BR & den, fl attic & bsmt, 2-car gar, dead end st, asking \$45,000. Elinor, X4485.

Winch, furn 3 BR hse for rent, fam rm, playroom, piano, porch, patio, study, nr T, schools; '71 Toyota Mark II sta wgn, std, 5K, snows, under wty, best offer. Jayson Speyer, X582 Draper 7.

Campton, NH, secluded hse in White Mts, 2 hrs from Bos, elec K, 2 BR + bunk rm for 4, nr pool, trout, tennis, golf, July rental. X2533.

Lakeside hse on Canadian-Vt border, 3 1/2 BR, nr Jay Peak, boat inc, for rent any season of yr. Denny, X5606.

Rangeley, Me, lux contemp 3 BR hse, huge lake, mtn view, priv, hike, swim, fish, canoe, wilderness, weekly rental. Jeannie, X3584.

Sebago Lake, Me, A-frame on island, 5-rm, 3 BR, LR, K & B w/lg porch, all pannel, nr golf, tennis, beach, frequent ferry, low taxes, \$23,500. Roy, X6586.

Animals

Sealpt Siamese kittens, \$35. Frank, X1733.

AKC reg Siberian husky puppies, avail 5/29, \$125. Ross Cooper, X465 Draper 7.

AKC mini pinscher puppies, champ sire, pet & show qual, sm, exc fam pet, \$100 & up. Pat White, X144 Draper 7.

Free hamsters, adorable. Devon, X6709.

Gerbils, 1F, 2M, 2 cages. Call 247-9369.

Lost and Found

Lost: records in COOP bag, 4, Indian music, Ravi Shankar, in vic of Bldg 4 or music library, reward. Mark, X3216 or 267-2199.

Wanted

Cement mixer, cheap. Tom, X198 Draper 7.

Hse on Martha's Vineyard for student during June. Ilene, Dorm X9450.

Washington, DC, sum sublet, 1 BR air cond apt in NW, any leads? Joe, X2677.

Bos-London charter flight around 6/16 for post youth-fare cpl, wl pay up to \$250 ea. X1662.

Tickets for graduation, wl pay \$5 ea. Jim, X6260.

Brk, 2 or 3 BR apt or hse for Israeli student & fam for yr begin 9/1, possible exch for furn apt in Jerusalem. Randy, Dorm X8565.

Rmmate for new 3 BR furn apt nr Cent Sq, \$66/mo. Larry, 547-0510 evgs.

Wash mach, gd cond. Call 625-2013.

Male rmmate to share lg 2 BR Brk apt w/grad student, \$125/mo incl ht & gar. Hani, X5364.

TV antenna rotor, broken or working cond. Bob, X2593.

Man's 3-spd bicycle, pref w/chain & lock. Dorm X0293.

Ford 13" wheel w/5 holes. Dan, X7777 Linc.

Tbl saw w/motor. Dario, X7713 Linc.

Job as exp mother's helper, companion, etc, avail July 1, sum or perm. Mike, X7263.

Pr hockey goalie leg pants, at least 31" length. X2536.

Transmitter to antenna coupler for amateur radio frequencies. Max, X4368.

Boy's chopper bicycle. Robert Strong, X416 Draper 7.

Girl's bicycle, gd cond. Skip, X4120

People to display artwork in Muddy Charles Pub, grt opportunity. X2195.

Used Coop crates. Alan Sheff, X3161.

Airline-type shipping box for cat. Arye, X4713.

Refrig, wl pick up. Robert Collier, X1721.

MIT Press wants typists in-house on IBM composer or at home on elec. Laurie, X1962.

Rmmate to share apt between Harv & Cent Sq, own rm, \$68.75 + util. Peggy, X6220.

Dodge Dart, gd cond, \$650 or less. Toby Caplin, X5526.

Rmmate wanted for spac Brkln apt, male or fem, own rm, avail 6/15, \$90/mo inc everything. Cheryl Anderson, X3631.

Rmmates, male or fem, sum w/opt, own BR, lg furn Camb apt, nr Cent & Harv Sq, \$55/mo. Call 492-4313 evgs.

MIT prof in IV needs 3-5 BR house 9/1 in Camb, Som, Bel, South End, Charlestown, etc, pref close to MIT, will consider rehab work in exc for rent discount. Richard Brittin, X4418.

Rentals, 1st semester, in gd school areas. Peg, X3533.

Pt-time work for blind girl to do dictaphone work. Mr. Finnigan, X2928.

Two 220", 4-ply equip tires. Carl Benner, X2250.

Responsible people to share sum rental of cottage on Lake Winnepesaukee, NH. Arnie, X7609.

Fem rmmate to share 5 rm apt w/fem, nr Harv Sq, own rm, pking, no lease, \$60/mo. Ken, X5338.

Rmmate needed for 6/1, 1 BR in 4 BR apt, 5 min from MIT, ww, disp, central heat, mod appliances, \$72.50/mo. Judy, X2920.

Rmmate to share split lev 5 rm apt, nr Cent Sq. John, X326 Linc.

Male rmmate for sum w/opt, own rm in mod apt w/dish, nr Cent Sq, \$120/mo inc heat. Ben, X2061.

Rm & board in exch for work around hse this sum, 6/1-9/1. Kim, Dorm X8560 or lv msg at 253B Burton Hs.

Patch from Navy V-5 program & other unusual military patches. Lou, X6255.

Riders to California. Prof. Edel, X6664.

Rmmate for sum or longer to share w/3 grad students, Som, 12 min to MIT, \$45/mo. X2139.

Hse, 1 or 2 BR, w/in commute dist for responsible cpl, begin 7/1, approx \$200/mo. Barbara, X5054.

Sum rmmates for comp furn Bcn HI apt, 2 BR, LR, K, air cond, nr T, \$60/mo. Henry, 723-4375 evgs.

Rmmate for 2 BR apt nr Cent Sq, immed occup, \$100/mo. Call 491-1390.

Miscellaneous

Starving sec wl type, do light editing, 50-75cents/pg. Tricia, X4337.

Student wife wl babysit. Arnaldo, X4218.

Russian native w/BA in Rus educ w/tutor Russian, \$5/hr. Call 492-7167.

Physics prof wl drive car to Portland, Ore or Seattle, lving 6/24, you pay gas. Taylor, X6040.

Musical grp avail for dance, club, party. Larry, X6453.

Exp housepainters for hire or contract. Purgold Painters, 876-2098 evgs.

Wl do general typing on SCM elec. Ron, X7273.

Non-technical typing, term papers, reports, etc. Heidi, X5123.

Positions Available

Secretary IV: Reception and secretarial duties for one member of research lab. Good shorthand and typing skills for correspondence and some technical material. Deal with students and foreign visitors; some library research.

Secretaries III and IV: Expansion of activities at the Draper Lab has resulted in several group secretarial openings in a variety of research projects. Good typing is required, as is some experience and a security clearance. 35 or 40 hour work week.

Secretary III or IV: good typing for correspondence and special reports for one staff member in an Administrative Office. Attention to detail important in keeping records of contracts and grants. Previous experience preferred.

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