

Lewin, Piene Design Rainbow for Olympics

*She comes in colors in the air.
She's like a rainbow.*

—The Rolling Stones

Two men at MIT are principals in a group that has designed a 1500-foot long plastic rainbow that will arch 400 feet above Munich's Olympic Lake and signal the conclusion of the 20th Olympiad September 10.

Alterations in Housing Announced

Restoration plans for Ashdown House and a construction delay at Westgate II may cause minor inconveniences for some graduate students when they return to the Institute next month.

Ashdown House, the Institute's oldest residence for single graduate students, will undergo major restoration-renewal during the next two years. The building's entire electrical, plumbing and heating systems will be replaced, new bathroom facilities will be installed, new kitchens are being considered, and some floor plans may be altered.

To avoid displacing all permanent residents, work will be done in two stages. Beginning late in the fall term all Ashdown residents will move into the east side of the building and restoration will begin on the west side. The first stage should be completed by September 1973. Then residents will move back to the west side and the east side will be renovated.

The Ashdown project is scheduled for completion in September 1974. Until that time, the number

(Continued on page 6)

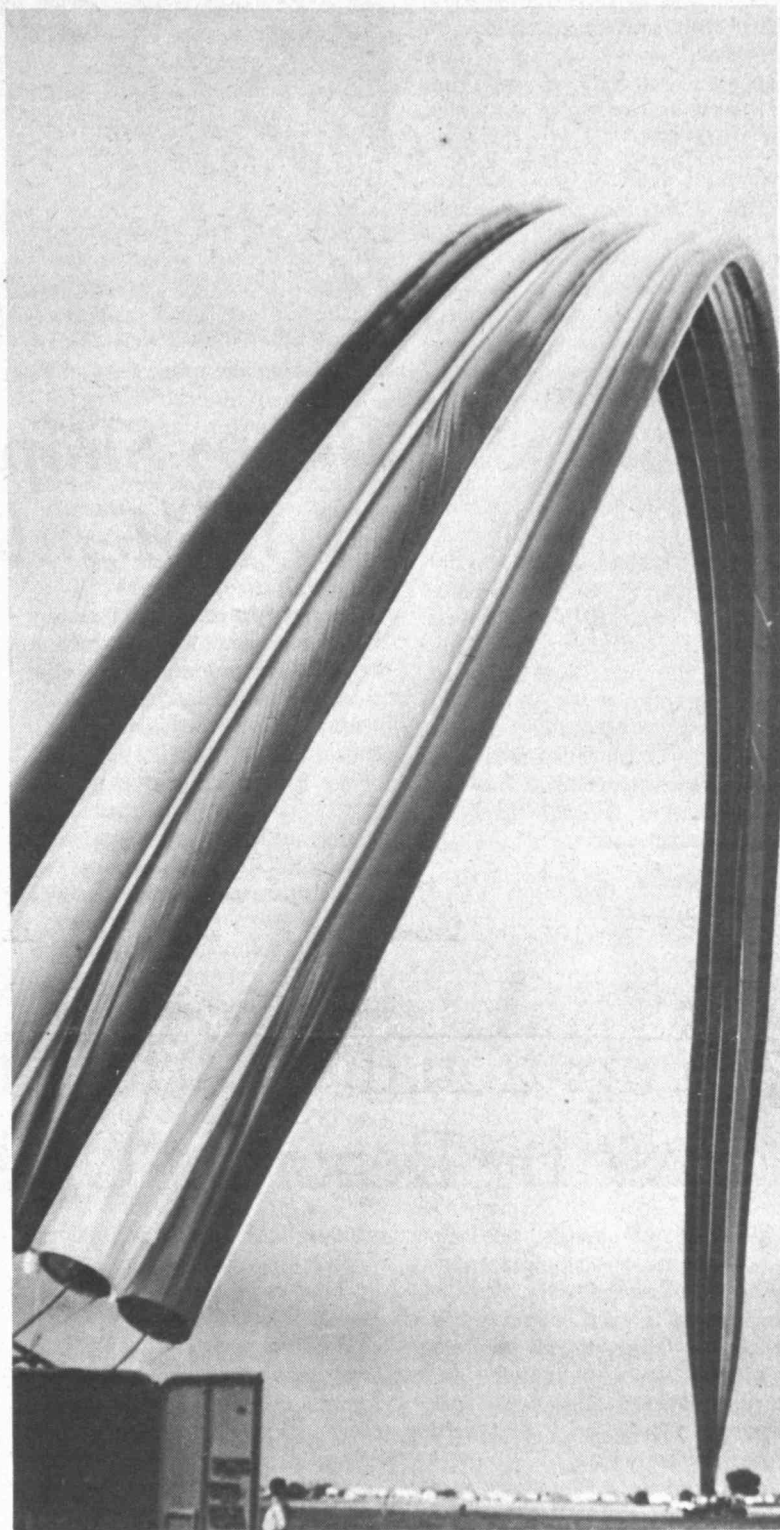
The Olympic rainbow is designed to be an elongated, helium-filled, plastic balloon made out of five parallel Stratofilm hoses loosely bound together and held in place by plastic webbing. The hoses, which will be slightly over three feet in diameter, come in the five Olympic colors—orange, yellow, green, light blue, and violet—and will make a band of color approximately 16 feet broad.

The rainbow has been designed by Otto Piene, an internationally known artist and a non-resident fellow at MIT's Center for Advanced Visual Studies. Scientific and technical adviser for the project is Walter Lewin, professor of physics and a member of the Center for Space Research at MIT, who has had extensive experience in using balloons at high altitude for x-ray astronomy.

The Olympic rainbow balloon will be inflated, weather permitting, during the concluding ceremonies of the Games on the evening of September 10. Lighted by a band of some 600 incandescent bulbs on the rainbow itself and by approximately 100 spotlights, the rainbow will be visible from every seat in the Olympic Stadium. With its ends moored 17 feet above the ground on either side of the Olympic Lake, it will form a colorful background in the air as the Olympic flags are carried out and the athletes exit for the last time.

Piene conceived the man-made rainbow in 1970, when he was asked by the organizers of the Games for suggestions for concluding ceremonies. The artist began working with inflatable sculptures and their presentation at public events in 1961 and has staged several such performances on the MIT campus. One of these, a work entitled "A Field of Hot Air Sculptures Over Fire in the

(Continued on page 3)



The rainbow during a recent test. A very similar balloon, twice as long, will be flown in Munich on September 10, weather permitting. Photo by Otto Winzen.

Recycling Project to Start

MIT should have a comprehensive waste paper recycling program in operation in the next few weeks, according to Donald Whiston of Physical Plant.

Mr. Whiston has begun implementing suggestions for the recycling effort made in a report submitted this week by two students involved in MIT's Ecology Action organization. The students, Frederick Gross, a junior from Brooklyn, New York and Douglas Brogan, a freshman from Springfield, Pennsylvania, have spent the summer analyzing the types and amounts of waste paper collected from MIT offices.

The program initially will cover only about half of the Institute's offices according to Mr. Whiston, but, he says, "in six months I can see waste paper from 80 percent of the campus being recycled."

According to the students' report, entitled "A Study on Recycling of Office Waste Paper in the MIT Community," the recycling program "has the potential for reclamation of up to 90 percent" of MIT's waste and will "incur little or no extra cost or labor."

The system will require the separation of paper waste from other refuse in individual offices. Every office to be included in the recycling program will be given cardboard waste receptacles which will be used for recyclable paper waste only. Metal waste baskets will remain for non-recyclable material.

Although waste will still be collected from offices every day, each type of waste will be collected on alternate days. This system will require no extra work for the custodians. Laboratories

(Continued on page 6)

Diamond Comments

Eagleton Was Victim of Ways of the News Game

(The following article, written by Edwin Diamond, visiting lecturer in the MIT Department of Political Science, first appeared in Newsday and is reprinted here with the permission of the author and of Newsday.)

Early on in his recent ordeal by media, Sen. Thomas Eagleton remarked that he hoped to use all the attention he was getting to help "educate the public" in some neglected truths about mental health and illness.

That grand hope went down with the rest of Eagleton's ambitions for the vice presidency in 1972 and, probably, in any subsequent election year. But while the "Eagleton episode"—or as some

news accounts variously refer to it, depending on how much spin was being put on the word, the "Eagleton case-revelations-crisis-affair-controversy"—proved somewhat short on groundbreaking psychiatric education, it nevertheless provided some insights into another range of aberrant behavior: the wild, woolly, occasionally manic-depressive ways of the news game.

To be sure, the scientific study of newspapers, magazines and television lags far behind investigations of the pathology of other professions. No media Sigmund Freud has yet laid down general principles of the trade that have the universality, say, of pre-Oedipal behavior.

Rule Proposed

The closest thing to a basic media principle was enunciated

recently by the economist John Kenneth Galbraith, who removed tongue from cheek long enough to propose the rule: "When both Alsops (Joe and Stewart) agree on something, then it must be wrong."

All things considered, though, the Eagleton "case" reveals at least three principles about politics and the media that have perhaps equal standing with the Alsop rule. Tom Eagleton may not have had any drunken driving arrests on his record, but in the summer of '72 he ran afoul of certain other laws. Public figures should take warning.

Nonexistent 'Facts'

The first media law Eagleton broke was: "Avoid trouble during the dog days of journalism." Even in an election year, July 15 to Sept. 1, is normally a quiet time, when

every sparrow that falls sounds like the end of the species. In mid-summer the stock market is on a Tuesday-Thursday week, as is the Congress and the Executive Branch; school is out and the student revolution postponed until after vacation. Yet the network news organizations, The New York Times, Time magazine—and Newsday—are all committed to filling air time and news pages as if there were the usual quota of news.

Indeed, legitimate news happenings may not be sufficient for the voracious maw of the media: There were 7,500 media men and women at the Democratic National Convention but, as columnist Nicholas Von Hoffman cracked, there was only enough news for 1,500 of them. Not only did all the major news organizations send teams into St. Louis to dig into

Eagleton's past—a proper assignment—but columnist-commentator Jack Anderson had to rush on the air with nonexistent, fourth-hand "Facts."

Out-and-out embroidery and chintz are relatively easy to detect; other media techniques are part of the fabric of the news. The second night of the Eagleton story, a group of Massachusetts Institute of Technology and Wellesley College students clocked the NBC nightly news. The Eagleton story and related material took up almost half of the total time period allotted to news.

Northern Ireland

Other major stories covered by NBC that night were Northern Ireland (already a perennial, with only the blanks for dead and detained to be filled in in the lead).

(Continued on page 7)

Report Calls for More Coeds, Women Faculty

More women students and a more understanding attitude toward all women at the Institute were chief thrusts of a report of the Ad Hoc Committee on the Role of Women Students at MIT recently submitted to the administration.

The committee was convened last January by former Dean for Student Affairs J. Daniel Nyhart, and charged with reviewing "the existing environment for undergraduate and graduate women students at MIT and to make recommendations for its improvement." Chairwomen of the group were Professor Mildred S. Dresselhaus, associate head of electrical engineering, and Paula J. Stone of Newton Centre, who received her S.B. degree in civil engineering in June.

Specifically the report called for the Admissions Office to take the initiative in providing wider dissemination of information on women at the Institute to prospective students. It urged that as many women as possible go on high school visitations and "that each school visitor be reminded to de-mythify incorrect assumptions about women at MIT."

The report also recommended an increase in the number of women on the faculty, noting "It is desirable for women students to have the opportunity to observe and to communicate with women who have been successful in their field of study."

Not only does the presence of such a woman give the student a woman to look up to but it also gives her something to look forward to after she receives her degree and a conception of what the future can be like. Such role

models are therefore necessary if women are to be encouraged to seek careers."

Adequate and flexible child care facilities were cited as a need for an increasing number of students, as well as other members of the community. The report requested that "the Institute assume the responsibility for providing facilities and administrative support for a wide variety of child care services," and "that child care expenses continue to be considered in assessing financial need for students."

In the section on the Graduate School, the committee recommended that "departments make provisions for part-time degree programs with part-time financial support for women truly unable to pursue a full-time degree program." It also recommended that women be readmitted "to their previous degree status, provided they were making satisfactory progress" following maternity leave.

Although the report was mainly concerned with women as students, it also called for improved conditions for all persons at the Institute. "There is a need for an Institute policy for the creation of a development program for male and female employees alike, that will provide opportunities for the full utilization of their potential through education."

Other sections of the report were devoted to student and graduate employment; extracurricular activities; athletics and the MIT-Wellesley exchange.

Occupational Injuries and Illnesses Must Be Reported Under Law

All MIT employees are reminded to report occupational injuries and illnesses to their supervisors, who in turn should notify the Safety Office so the Institute can fulfill legal obligations required by the federal Occupational Safety and Health Act (OSHA) and various state laws.

According to OSHA, which was enacted by Congress in 1970 and put into effect in April 1971, the Institute must maintain a log of all occupational injuries and illnesses. This log must be submitted to the Department of Labor at the end of each calendar year. Failure to submit a log would result in severe penalties.

Recordable injuries would include such accidents as those resulting in medical treatment, loss of consciousness, restriction of work motion, cases involving lost work days or transfer to another job, and fatalities, regardless of time of death or length of illness following an injury. Exposure to toxic materials or harmful physical agents should also be reported to the Safety Office or to the Environmental Medical Service.

Recording accidents is only one of several hundred procedures which fall under OSHA jurisdiction. According to Mark Dondero of the Safety Office, there are several volumes of safety codes which are included in the Act. He says, "The scope of OSHA is extremely broad. The law covers a variety of safety standards including such things as electrical equipment, compressed air, fans,



Even during the quiet days of August, the Hobby Shop is a busy place.

—Photo by Margo Foote

Hobby Shop Facilities Are Available to All Members of MIT Community

Membership in the MIT Hobby Shop is now open to all members of the Institute community and a new schedule of fees has been established by the Faculty Hobby Shop Committee.

Fees for non-student members of the community, including alumni, will be \$10 per term, with the year divided into summer, fall and spring terms. Student fees will be \$6 per term.

Institute financial support of the Hobby Shop has been discontinued. Beginning with this aca-

demical year, the Shop must meet its own expenses from the fees paid by the members.

For the remainder of the summer, Hobby Shop hours are 9-5 on Tuesdays, Wednesdays and Thursdays. Beginning September 11, the Shop will be open five days a week under the supervision of Robert D. McCadden of Tewksbury, who has managed the Shop for more than 30 years. Experienced students supervise activities there in the evenings during the school year.

Located in the basement of duPont Gymnasium, the Shop houses complete wood and metal working facilities plus a dark room in which chemicals for black and white film processing are provided. The variety of projects underway in the Shop is limited only by the available space. Projects range from salad bowls to small boats.

Novices are encouraged at the Hobby Shop. "We like working with beginners," Mr. McCadden says, "because then we can be sure they learn the proper procedures for using the machinery. All beginners are checked out by experienced workers before they can use any equipment without supervision."

Tech Tailor Is Back at Work

Charlie the Tech Tailor is back in his shop, somewhat reluctantly, after an exciting, emotion-filled rip to Greece.

A first generation American, Charlie had never visited his father's homeland, but now that he and his family have been there once, they can't wait to return. "It was fabulous, just fantastic, beautiful," he says. "We spent most of our time in Athens, Crete and Rhodes."

"When our plane landed in Crete," he continues, "eight of my father's relatives were at the airport to greet us, even though we had never met. They gave my wife a huge bouquet of flowers, we hugged, kissed and cried a lot. Later we visited 18 different families, all relatives. We cried some more. Everyone treated us like long-lost royalty."

In Athens Charlie delivered a forgotten pair of trousers to a former customer, "free of charge" and spent a whole day wandering around the Acropolis, marveling at everything he saw. Walking along stretches of sandy beach and swimming in crystal blue water highlighted Charlie's visit to the island of Rhodes.

Like all vacations, though, Charlie's ended and he had to return to Cambridge. "But," he says, "I'm still on cloud nine. It was unforgettable." If you don't believe him, just ask him about Greece and see what happens.

environment, structures, machines, materials, etc.

Even though the Institute has not been inspected by OSHA—very few colleges or universities in the country have been—the Safety Office has been conducting simulated inspections since last summer. An Institute safety officer will schedule an inspection to point out defects in safety standards which would violate OSHA codes on request from any department or laboratory.

Mr. Dondero gives a possible explanation of why colleges and universities have not been heavily investigated: "OSHA's safety codes are aimed primarily at five target industries—mobile homes, construction, shipping, lumber and mining—whose accident frequency rates are as high as 26 accidents per one million man hours. The national average is 8.77 and the Institute's is only 5. For the time being, OSHA is concentrating on industries with serious safety problems."

OSHA is very strict about enforcing safety laws. Between July 1971 and June 1972, OSHA issued 102,861 violations resulting in proposed penalties totalling \$2,291,147. A single violation can cost a company up to \$10,000 and failure to correct a violation within a specified time can cost an employer as much as \$1,000 a day for each day beyond the deadline.

For more information on the Occupational Safety and Health Act and its application to the Institute, call the Safety Office, Ext. 3-4736.

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Editor
Joanne Miller

Staff
Ellen Burbank
Robert M. Byers
Peter M. Close
Bob McLean
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Ty Rabe
Michael Seif
Peter Spackman

Business Manager
Paul E. Johnson

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Please address all news and comment to the editorial office, Room 5-111, Ext. 3-3277.

New Sauna Being Built for Women

Additional dressing room facilities and a sauna for women are presently under construction and due to be completed by mid-September in the Athletic Department.

The new locker room will contain 56 lockers and 120 baskets for equipment storage, according to Roderick R. Arthur of Dorchester, business manager and assistant to the director of Athletics.

It will occupy space in Briggs Field House formerly used by visiting teams, who will now share facilities used by Institute teams.

The sauna is being installed in the existing women's dressing room, where it will replace two showers. In addition there are 49

Holiday Notice

The Institute will observe the Labor Day holiday on Monday, September 4. Holiday pay provisions will be in effect for that date.

lockers in that dressing room.

Total renovation costs are estimated at \$30,000.

A major reason for the expansion is to provide adequate facilities for women students who, for the first time this year, are subject to the same physical education requirement as men students.

However, Mr. Arthur said, plans for expanding women's facilities have been developing for several years in response to the increasing interest of many women at the Institute in recreational sports.

All facilities at the Institute are open to all women who have athletic cards.

Rainbow Arch to Signal Olympiad Conclusion

(Continued from page 1)

Snow," was presented at MIT in 1969 and consisted of large polyethylene balloons inflated with propane gas and illuminated at night with arc lights.

Last spring, as a preliminary study for the Olympic rainbow, Piene designed and launched the Charles River rainbow with help from the Boston Museum of Fine Arts. It was a 2,000-foot long, helium-inflated, polyethylene tube that spanned the Charles River for one day. Not long ago, Piene and Professor Lewin successfully launched a half-scale model of the Olympic rainbow balloon.

Professor Lewin, whose major research interest is the detection and description of x-ray sources in space, has used balloons for astronomical observation at the top of the atmosphere for a number of years. Last February, from the desert town of Alice Springs,

Australia, he successfully launched the largest balloon ever flown on earth. It reached a diameter of about 500 feet, with a volume of 46.1 million cubic feet, at its float altitude of 150,000 feet. Both that balloon and the Olympic rainbow were made by Winzen Research, Inc., a leading manufacturer of balloons for scientific purposes.

Transcripts Available

Transcripts including 1972 Summer Session grades will be available beginning the week of September 18 if orders are placed now.

Transcripts without Summer Session grades may be ordered until September 1.

Mike Storm Continues His Long Search for Buried Treasure

For more than 20 years, Draper Technical Assistant Mike Storm of Revere has been searching for old coins and other valuable objects with the aid of a metal detector, a hobby known as coin shooting.

He began his unusual hobby after reading an article on coin shooting just after the war. Although he knew the Army was selling surplus metal detectors, he decided to build his own. His first coin shooter was little more than a broomstick and a pocket radio, built for about \$5.

"It worked by putting the radio on the strongest station," he explains. "There was a constant tone and when I passed over a metal object, the tone would vary. The problem was that while you were listening for coins, you also had to be listening to the radio program."

Another limitation of his first coin shooter—which he used for ten years—was its inability to detect objects deeper than two inches underground. The metal detector he now uses is capable of detecting objects buried up to ten inches underground.

Mr. Storm chooses the locations for his searches with great care. "History has a lot to do with determining your target," he says. "I've spent days going through old newspapers, magazines and city records to find out where people congregated years ago."

Coins are not the only things the metal detector picks up. "Flip tops from beer cans are the plague of coin shooting," he says. "So I've attached an ice pick to the end of a stick to help me."

Mr. Storm is proud of the care he takes in digging up his finds. He says he has never been denied permission to search an area and he thinks this is mainly because of his care in not disturbing the ground too much.



Mike Storm demonstrates his coin shooting technique on the center strip on Memorial Drive.

—Photo by Marc PoKempner

"One of my better prizes is an 1896 silver dollar I found on the Fourth of July along the Esplanade in Boston," Mr. Storm said. He has also found more valuable items such as diamond rings.

Since last spring, Mr. Storm has been combing the center strip of Memorial Drive and the banks of the Charles River. He began at

Mount Auburn Hospital and is now working the area between Walker and the Sloan Building.

Eventually Mr. Storm hopes to establish a dealership in metal detectors and sell his finds on the side. Right now his main goal is to find enough of value to afford the honeymoon he and his wife missed when they were married 23 years ago.

MIT Paid \$108,000 In 1971-72

Tuition Assistance Applications Due By Fall

Employees who hope to take advantage of the Tuition Assistance Plan are urged to submit their applications promptly for approval before the beginning of the fall semester.

"The Personnel Office of Special Services is particularly busy this time of year processing the annual flood of applications for the plan,"

says Mrs. Sandra Holland, who administers the program. She advises potential students to be sure their courses will qualify for tuition assistance before they register.

The Tuition Assistance Plan, established in 1960, offers all full time employees of the Institute an opportunity for further education

by relieving some of the financial burden. It is designed to encourage employees to develop their knowledge and skills in ways that will increase their value to the Institute.

MIT paid more than \$108,000 to about 500 employees in the 1971-72 academic year. About eight to ten percent of eligible employees study under the Plan in any given year and about two thirds of those studying are in degree programs.

Mrs. Holland says that "technical employees, secretaries, accountants and library assistants are among the groups with the highest participation." She also notes that almost half of all employees studying under the Tuition Assistance Plan attend Northeastern University, while Boston University, Lowell Technological Institute and the Lowell Institute School are other popular choices.

According to Mrs. Holland "the Tuition Assistance Plan has been improved almost every year to keep pace with the educational needs of employees and to keep the plan competitive with similar plans offered by other employers." The most recent change in the Plan increased the maximum reimbursement by over \$100.

"Approximately ten percent of MIT employees participate in the tuition assistance Plan," Mrs. Holland pointed out. "MIT's par-

ticipation rate was shown to be higher than average in a recent survey of Greater Boston employers with such plans."

Under the Plan, employees may be reimbursed for tuition and other allowable costs for approved courses. The new maximum reimbursement in any calendar year for a non-MIT course is 100 percent of all allowable costs up to \$500 plus 50 percent of all of any additional amount between \$500 and \$750.

An employee must satisfactorily complete an approved course before he will be repaid for it. A grade of C or better is required for an undergraduate course and B or better for a graduate course.

In addition, employees may receive tuition assistance of 75 percent of tuition for MIT courses. Only one MIT course a semester will be approved for tuition assistance and it must be clearly related to an employee's present job. Time lost from work attending an MIT course must also be made up.

Courses are approved for tuition assistance only if both the employee and MIT will benefit. Courses credited toward a high school diploma or equivalency certificate are approvable, as are correspondence or university extension courses.

To be approved, courses or degree programs at schools other than MIT must either relate to normal or expected duties in an

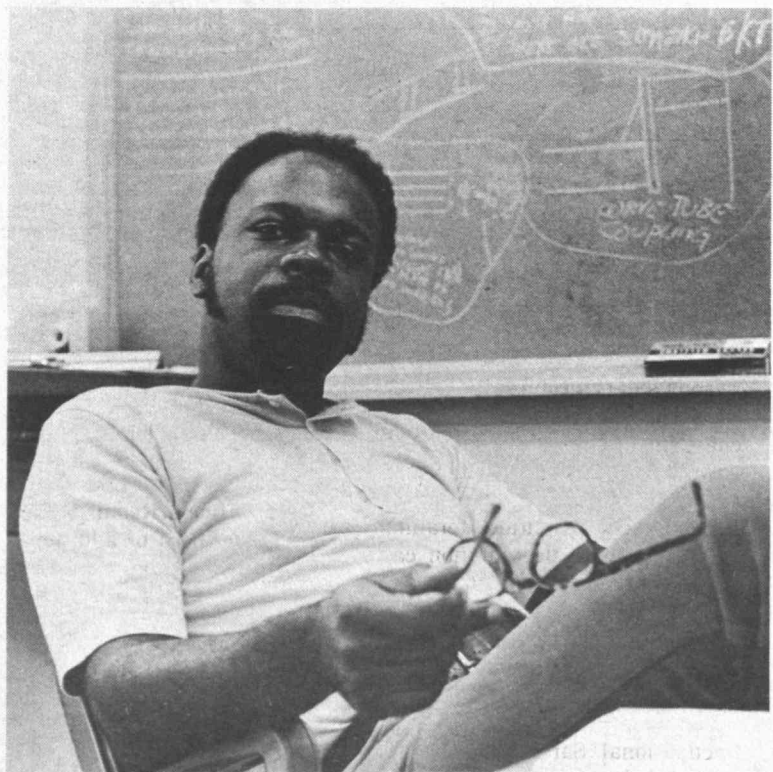
employee's present job or contribute to an employee's knowledge and skills in a different field of work in which MIT expects to have meaningful opportunities for transfer.

Larry Ward of Stoughton, a designer in the Francis Bitter National Magnet Laboratory, has made good use of the Tuition Assistance Plan in his 11 years at the Institute.

In 1967 he received his Associate Degree in mechanical engineering from Franklin Institute and this past spring he received his bachelor of science degree in business administration from Northeastern University. "It's a good plan," Mr. Ward says, "it eases the financial problem for anyone who wants to go to school."

Mr. Ward is looking forward to continuing his education. His next goal is to get his masters degree in business administration—with the Institute again paying part of the expense.

Up-to-date catalogs from most area colleges are available in the Special Services Office, Room E19-238. Campus personnel interested in applying for tuition assistance should call Mrs. Holland, Ext. 3-4276. Harry Leonard Ext. 8-3575, administers the program at the Draper Laboratory at Lincoln Laboratory, Carol Ann Tranfaglia, Ext. 658, is the person to call.



Larry Ward describes his experiences with Tuition Assistance in his office in the National Magnet Lab.

—Photo by Marc PoKempner

Events of Special Interest**Folk Dance Marathon***

Folk Dance Club. Saturday, August 26, 1pm-midnight, Sala de Puerto Rico. Admission 25 cents.

Seminars and Lectures**Monday, August 28**

Cognitive Sources of Suboptimal Human Prediction*
William B. Rouse, mechanical engineering. Doctoral thesis presentation. 3:30pm, Rm 1-132.

Women's Forum**Women's Forum****

Every Monday, 12n, Rm 10-105.

Student Meetings**Student Information Processing Board Meeting***

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

MIT Club Notes**Hobby Shop****

Open weekdays, 10am-4:30pm, duPont Gym basement. Fees: students \$6/term, community \$10/term. Call X3-4343.

Tiddlywinks Association*

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

Classical Guitar Society**

Special summer lessons for beginners, group and private. Tuesdays and Wednesdays. Call Vo Ta Han, 494-8353.

Judo Club**

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

Outing Club*

Every Monday, Thursday, 5pm, Student Center Rm 473.

MIT/DL Duplicate Bridge Club**

Every Tuesday, 6pm, Student Center Rm 491.

Rugby Club

Summer rugby. Every Tuesday and Thursday, 5pm, Briggs Field.

Nautical Association**

Basic Sailing Shore School, repeated every Wednesday throughout the summer, 5:15pm, Sailing Pavilion. Non-members welcome.

Science Fiction Society*

Every Friday, 5pm, Student Center Rm 421.

Student Homophile League*

Meeting and mixer meets Fridays, 8pm, Odd Fellows Hall, 536 Mass Ave, Cambridge. For gay help (anonymous) at MIT, call the student gay tutor, 492-7871 anytime.

Chess Club**

Every Saturday and Sunday, 1:30-5:30pm, Student Center Rm 491.

Social Events**Muddy Charles Pub****

Join your friends at the Muddy Charles Pub, 110 Walker, daily 11:30am-7:30pm. Call X3-2158.

Friday Afternoon Club**

Music, conversation and all the cold draft Budweiser you can drink. Every Friday, 6pm, the Thirsty Ear in Ashdown basement. Admission: men \$1, women 50 cents. Must be over 21.

Movies**Humjoli***

Sangam. Sunday, August 27, 3:30pm, Rm 26-100.

Zero for Conduct plus Chaplin Shorts*

Film Society. Monday, August 28, 8:30pm, Rm 10-250. Tickets \$1.

Music**Concert of Indian Music****

Sangam. Saturday, August 26, evening, Kresge.

The Music Library will be open from 9am to 10pm every Monday during the summer.

Theater and Shows**Kishore Kumar and Friends***

Sangam presents talented clown of films Kishore Kumar in musical show. Wednesday, August 30, 7:30pm, Kresge. Tickets: students, \$2, \$3, \$4; Sangam members, \$3, \$4, \$5; non-members, \$4, \$5, \$6. For reservations, call 491-0080 or 387-1659.

Dance**Folk Dance Club***

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

Summer Dance Classes*

Dance Workshop. Beginning modern, Tuesday and Thursday, 12n-1:30pm; beginning ballet, Tuesday and Thursday, 3:30-5pm; intermediate/advanced modern, Monday and Wednesday, 7-8:30pm. McCormick Gym. Admission \$1.75/class. Hannah, 492-4583.

Folk Dance Club*

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

Folk Dance Club*

Every Thursday, 7:30-11pm, Sala de Puerto Rico.

Friday Afternoon Dance Break*

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

Exhibitions**Photography Exhibition***

An exhibit of photographs by local photographers including David Akiba, Roz Gerstein, Lawson Little, Mary Kay Simqu, Sean Wilkinson and others. Hayden Corridor Gallery through August 26. Free.

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.

Hart Nautical Museum*

"Ocean Engineering Summer Laboratory Projects 1971 and 1972." Bldg 5, first floor.

Religious Services and Activities

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

Roman Catholic Mass*

Every Sunday, 10:30am, 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 information, call X3-3664.

Christian Bible Discussion Groups*

Every Thursday, 1pm, Rm 20B-031. Call Prof. Schimmel, X3-6739, or Ralph Burgess, X3-2415.

Islamic Society Prayers*

Every Friday, 12n, Student Center Rm 402.

Announcements

Society of the Sigma Xi certificates may be picked up daily from 2-5pm in Rm 5-230.

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

Send notices for August 30 through September 8 to the Calendar Editor, Room 5-111, Ext. 3-3279, by noon Friday, August 26.

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. 3-3270 or mailed to Room 5-105. The deadline is noon Friday.

For Sale, Etc.

Lady Samsonite luggage, 2 pcs, gd, \$70, orig \$90. Margaret, X3-6271.

Used wash & dry, gd work cond, \$75. X8-1166 Draper.

RCA color TV, \$90; lamp w/lg ceramic urn, \$25; bkcase, \$15. X8-2833 Draper.

Maytag coin op wash machs, gd for vac cottages, guar in gd working cond, \$25. Harvey, X8-2870 Draper.

Danish mod dbl bed, \$30; 2 end tbls, \$5 & \$3. Karen Schaich, X3-6748.

Philco 20" TV w/std, 4 yrs old, working, \$25. Tony, X8-2036 Draper.

Water bed, \$55; beaut desk & chr, \$60; assort other furn. Wilson, X3-7579.

Chest of drawers, lg dresser w/mirror, wal fin, exc cond, \$50. Liz, X3-6162.

Kitchenaid dishwshr, port & convert, front loader, 2 yrs old, avocado, butcher block top, exc cond, \$225. Ian, X5716 Linc.

Lg brn convert couch, fair cond, \$30; 2 arm chrs, exc cond, \$20 ea; tbl lamps, K tbl, w/4 chrs, other items. Mark, X8-3539 Draper.

Canon FT-QL w/55mm-f1.2, 28mm-f3.5 & 135mm-f2.5, exc cond, buy as outfit for \$400 or separately. Bob, X3-6891.

Sears 12" b/w TV, 10 mos old, \$40; Nikon 135mm-f2.8 lens, 1k new, \$105; Sony IC 11 FM/SW/AM radio w/ac pwr adapter, \$40; AM clock radio, \$9. Ikeda, X3-6039.

Epiphone E230TDR elec 2 pickup guitar, mint cond, \$400 new, now \$175; Fender Vibrolux amp, 2 10" spkrs, 35w, gd cond, \$125. John, 661-3197 evgs.

French prov TV, nds work, \$20. Marilee, X3-6196.

LR chrs, 2, exc cond, custom made, beige nubby fabric, \$65 ea or best offer. Marjorie, X3-3716 or 3-3765.

National short wave set, SW 54, \$15; 2 rims, new, '70 or '71 Chrysler, \$8. X8-2004 Draper.

Old GE refrig, gd work cond, \$30 or best offer. Donna, X3-4271.

Antique Singer treadle sewing mach, circa 1900, exc work cond, \$40. Ronnie, X3-2173.

Kitchen tbls, 3, 4x4, \$8 ea. Barbara, X3-5944.

Cocktail tbl, 5'x1 1/2', w/ wal top w/old world antique base, asking \$50; desk, wal top, 5'x2 1/2', w/antique base, asking \$75; hide-a-bed sofa, crushed velvet, gold, best offer.. Diran, X3-4430.

Gld rug, 9x12, \$25; vac, \$8; fiberglass drapes; child's bike, was \$40, \$20. Ingrid Naaman, X3-4396.

Pool tbl, 8x4, gd cond, best offer. Dick, X3-5806.

Stereo AR amp, AR5 spkrs, Kenwood tuner, Dual turntbl, \$400, will haggle. Marc, X3-7720.

Stuffed chrs, 2, \$20 or best. Sally, X8-3955 Draper.

Dearhead w/antlers, 6 points, exc cond, best offer. X8-1368 Draper.

Couch & 2 chrs, cheap, cln, gd cond. Abe, X3-4825.

Furn, K, LR, air cond, lamps, bk shelves. Mike, X3-2380.

Sony AM, 3 band radio, \$25; Fuji 35mm, rnfnder cam, \$25; Bancroft FRS tennis racket, 4 1/2, lgt, \$15; 2 people camping tent, \$8. Alicia, X3-7137.

Harmony folk guitar, \$120 new, now \$45 w/case. X3-1832.

Revov A-77, \$375; pr AR2's; pr AR4's; filing cab w/3 drws, 3 shelves, licks, 38x29x16, gd cond; lg coop crate. Jerry, 643-0765.

Reciprocating fan, 3-spd, \$6; humidifier, \$5; tape record, \$5; classical, folk & rock LP's, \$1 ea. X3-6746 afternoons.

Grundig tape record, \$70; 12,000 BTU air cond, \$80; dbl bed, dresser w/ mirrors, chest, MIT desk, cof tbl, bkshlvs, wall lmps, LR chrs, elec fan, Scotch 207 tape, wind box, avail end of Aug. Susan, X8-3620 Draper.

Gld rugs, baby carr & stroll w/access, no reas offer refused. Steve, X7140 Linc.

Lg oak desk, 67"x34", w/filing draw & chr, \$20. Craig Thorn, X3-4367.

Kenmore gas dry, exc cond, 4 yrs old, \$75; Yardman reel lawn mower, Briggs & Stratton eng, v gd cond, w/grass catch, \$50. Steve, X3-2719.

Creative Comfort sofa & 2 match chrs; 3 steel file cabs, 25x15x30; twin bed box spring & matt; sm bkcase; new 5000 BTU air cond; all less than yr old. Call 262-5010.

Admiral refrig, 2 door, no frost, yr old, 12 cu ft, \$140. Cheng, X3-2083 or 3-5980.

Old time radio cab; refrig; dressers; LR set; inexpen. Rick, X3-3781.

Yachica B twin lens reflex, \$50. Richard, X3-5763.

Silver/Nickel Bundy flute w/case, new pads. Pat, Dorm X9772 lv msg

Westinghse elec oven, 30", exc cond, \$100 or best. Larry, X3-1960 after 8/27.

Grundig Satellite trans 6001 radio, AM/FM w/9 SW bands, exc cond. Sen. 494-8698.

Sears Silvertone trans AM/FM radio w/wal case, \$18. X3-1807.

Compact stereo sys, \$110; crib w/matt, \$20; twin bed, \$25; wht wd tbl & 4 chrs, \$30; other items. Antoine Naaman, X3-7177.

Crystals, 10 meter, 7 in HC6 holders. Charlie, X3-7142.

Sofa, \$20; beds, \$15 & \$5; bkcase, 9', \$35; typwr, \$5; K utensils, \$5. Alex, X3-2380.

Fridgette 4 cu ft, sm working freez sec, best. Mark, X3-2268.

Bed, \$25; lg sofa, \$20; tbl & 2 chrs, \$20; dresser, \$5. Sandra, 267-4992.

Desk, lg bkcase, chr, \$30; sgl bed w/2 cinder blocks, \$15; Halicrafters SW radio, \$25; Roberts tape rcdr, \$30, etc. Don, X3-2540.

Canon QL 1.9 cam, quick load, comp auto, lthr case, exc for fam pics, exc cond, \$75. Gustavo, X3-7114.

Free: upr piano, 2nd fl; bureau w/ mirror, \$30 or best. Lucy, X3-6632.

Mahog TV cab, ideal for hifi, gd fin, nice looking, \$15. X7427 Linc.

Olivetti Lettra 22 port typwr, \$40. Frances, X661 Linc.

Twin bed matt, box spr & frame, \$15; metal desk, \$25. X3-6917.

Simmons hide-a-bed, gd cond, country print, \$50. Betsy, X3-1961.

Sofa, \$40; humidifier, \$5; elec skillet, \$8; Presto cof pot, \$8; Spanish guitar, \$30; AR trntbl, \$55; new sum & wntr dresses, skirts, 12/14, v cheap. Call 661-9433 evgs.

Vehicles

'59 VW, bad body, gd mech cond, \$130 or best. Luis, X3-7558.

'60 Buick LeSabre sta wgn, \$95. Tony, X7808 Linc.

'62 Chevy Nova, fair running cond, gd body, new tires, \$50. Jim, X3-1812, or Jennifer, X3-6106.

'62 Olds F85 convert, auto, air cond, gd body & int, runs well but nds work, \$50. Greg, X8-3333 Draper.

'63 Falc convert & '64 Falc 4-dr sedan, both auto, radial, spring sticker, \$150 ea or best. Roger, X638 Linc.

'64 Chevy 283, gd cond, \$200 or best. Noel, X3-6046

'64 VW reliable transport, \$250. Ken, X8-3333 Draper.

'65 Dodge Coronet 440, 6 cyl, auto, 4-dr, new br, v clean, \$325 or best. X5773 Linc.

'65 Plymouth Valiant, 6 cyl, auto, v gd cond, asking \$350. Al, X3-2114.

'65 TR 4, v gd body & mech cond, \$400. Charles, X3-4437.

'66 Chevy Bel Aire, auto, 4 dr, 45K, snows, gd mech cond, nds some body work, best offer. Fitzgerald, X3-6286.

'66 Dodge Coronet convert, yel w/blk top, buckets, pwr st, auto, 273 eng. X3-3316.

'66 Mustang convert, exc cond, 34K, best offer. Al D., X460 Linc.

'66 Plymouth Valiant, 2-dr sedan, auto, p st, \$625. Therrien, X3-7262.

'67 Ford Econoline hvy duty van, gd cond, new paint, batt, tire, \$850. Sanders, X3-2286.

'67 VW camper, rebld eng, exc cond, 7 tires, \$995. Jerry, 664-4444.

'68 Javelin, silver gr, 2-dr, blk vinyl hdtop, 6 cyl, gd cond, must sell, lving country. Call 734-4219.

'69 Austin America, gd cond, auto, gd tires & snows, \$800. Riva, X3-4954 mornings.

'69 VW, exc cond, AM/FM, no body damage, gd int, \$1250; GE TV, b/w, 18"; chest; dbl bed. Gurel, X3-6164.

'69 VW, grn, driven only 2 yrs, 20K, R, snow, tools, must sell soon. Don, X3-5150.

'72 Toyota Corolla 1600, 2-dr sedan, under warranty, best offer. Mark, X3-7114

Jawa 350cc CZ, dirt bike, best. Chuck, X8-3360 Draper.

'70 Triumph 250, nds repair. Steve, Dorm X0481.

'71 Honda CL450, blue, exc cond, \$700 firm. Guy, X5597 Linc.

'71 Honda 350, helmets & chain, \$700. Generazzo, X8-1231 Draper, 4-12pm.

'64 Ace travel trailer, 13 1/2', stove, gas refrig, sink, toilet, elec & gas lghts, slps 5, \$650 or best. A. Jones, 427-2840.

Housing

Camb, 1 BR in renov 4 BR apt, Cent Sq area, dish & disp, \$90. Steve, 868-1275 after 6.

Camb, 2 BR apt, lg K, lg LR, full B, newly renov, nr transport, avail 9/1. X3-1805.

Camb, furn apt, Cent Sq, pking, 1 BR, \$150/mo, no lease, avail now. Chen, X3-3703.

Chelsea, 4 rms to rent, no pets. Tony, X5467 Linc.

Eastgate sublet, Sept & Oct, 1 BR furn, \$165/mo. Paul, X3-2073.

Som, mod 2 BR apt, w/w carpet, dish & disp, air cond, elev, \$275/mo incl all util & pking. Lou, X8-1547 Draper.

Revere, 5-rm ocean front hse, pking avail, cpl pref, \$150/mo + utils. Joseph, X3-6887.

Bel, nr Waverly T, 4 BR mod sgl hse, dry bsmt, frpl, carpet, big driveway, extra storate, lg bk yd, tree shaded, asking \$34,900, wl negotiate. Kelly, X3-7245.

Winchester, deck colonial, cabinet K w/dish, formal DR, spac LR, 3 lg BR, fam rm w/bar, w/w throughout, enclosed porch, gar, \$32,900. Paul, X3-6770.

Animals

Kittens, 5, 4 m, 1 f, grey, black, calico, free, litter trained, avail now. Linda, X3-4160.

Wanted

Piano bench, gd to exc cond. X3-4561.

Secretary pt or fl time for consulting ofc nr MIT campus. X3-6824.

Wheel rims for '71 MGB. Marshal, X3-5731.

Upright piano, cheap, wl move; also couch, pref gold or red. Howard, X3-5253.

Student Information Processing Board nds part-time secretary for coming school yr. Must type well, work Mon-Fri, 3-5pm, hours. C. D. Tavares, X3-7788.

Overseas trunk. Stavros, X3-1981.

Join or start carpool Framingham-MIT wkdays, have pking permit. John, X3-1823.

Translators, for short tech paper & specifications, into Fr, Ital, Ger, Jap & Russ, will pay. X3-1474.

Short but complete driving course, 1st wk of Sept, price negotiable. Zemen Lebne-Dendel, X3-2871.

Off st pking, Cent Sq or Camb area; for sale, 3 drw dresser, \$5; tbl, \$4; chr, \$3. Marilyn, X3-2234.

Rmmate nded for cheap 4 BR apt nr Cent Sq, \$52-60/mo. Mahesh, X3-2652.

Male in early 30's desires to share hse or apt. Carl, X8-1459 Draper.

Babysitter for 2 yr old, 40 hrs/wk in my quiet, sunny apt. Pat Perry, 426-3750.

Someone to care for our 9 mo old child 2 days a wk in your home, Weds & Thurs. Herbert Abelson, X3-7001.

The Great Roob Revolution, 2 copies, Ran Hse, '70, by Roger Price. Leslie, 354-6164.

Ride, Boston-Pittsburgh, 9/2, 3 or 4, share driving & exp. Bob, X3-7457.

Jnl back nos: Scientific Amer, 2/69, 1, 2 & 5/70; Phys Letters '71, Vols 36 & 37, beg w/no 4 of both A & B. Taylor, X3-6973.

Rmmate(s) for lg Bri hse, lg lving area, own rms, \$85/mo + util & security. Call 536-7865 evgs.

Daily ride, Melrose-MIT, wl arrage conv mtg place & time. Evans, X3-4307.

Male rmmate to share 8-rm furn Bk Bay apt w/3 grads, avail 9/1-1/31/73, \$75/mo + utils. X3-2481.

Apt to sublet, pref East or Westgate, Sept only. Lillian, X3-4852.

Miscellaneous

Wood flrs sanded & refin professionally. Denny, X3-5606.

Will do gen typing on SCM elec. Ron, X3-7273.

Will do typing for low price, will pick up & deliver. Linda, X3-4330.

Positions Available

The Office of Personnel Relations is seeking individuals from within the Institute to fill the following openings:

Secretary IV to an academic dean should be an experienced responsible person to deal with varied matters and handle questions from students, faculty and visitors. Ability to work well with others and set up active appointment and meeting schedule. Should have competence in composing business letters, good typing, and dicta- phone experience.

Secretary IV to department head in urban studies will act as recording secretary for Faculty Executive Committee and Departmental Policy Committee, and will prepare background materials and minutes for weekly distribution to faculty and students. Set up frequent committee meetings, luncheons, faculty colloquia; compose letters, arrange travel, maintain files and phones. Shorthand required; some academic experience preferred; business school training; flexibility, maturity, a sense of humor important.

Secretary IV to three staff members in an administrative department. Duties involve typing of correspondence and reports, some light accounting, handling of petty cash; receiving all incoming calls and visitors, travel arrangements and appointments. Excellent typing skill required and a minimum of two years experience.

Secretary IV to assistant director and administrative officer of a new research center will handle general secretarial duties. Good typing needed for letters, notices; keep records of proposals, grants and contracts; maintain project files; will also answer routine inquiries from project supervisors. Shorthand desired; previous office experience important.

Secretary IV to researcher in newly-funded medical research project. One secretary-one supervisor situation requires an experienced secretary to set up patient appointments, research medical topics in library, prepare medical and technical manuscripts, make and paste graphs. Unique opportunity for a skilled secretary.

Secretary IV bilingual in Spanish and English, will work for MIT professor and advisor to the government of Puerto Rico. Knowledge of Puerto Rico especially helpful in preparation of material, locating information, making travel arrangements, and acting as liaison between many visitors. 40 hour work week, good skills necessary.

Biweekly, Ext. 3-4251

Photographer B, an individual who assists in photographic work under direction or supervision of photographic personnel. He carries through dark room and finishing work without supervision and assists in the camera work. A minimum of two years of applicable experience in the field is required.

Technician A (Mech), troubleshooting, repair, assembling and construction of laboratory apparatus such as high vacuum and cryogenic systems and other pumps and machines. Thorough knowledge in the use of hand tools and skill in the use of the more common machine tools. Graduation from a two year day technical school or its equivalent and a minimum of two years of applicable experience are required.

Hourly, Ext. 3-4268

Systems Programmer, MIT's computing center is seeking an individual with a minimum of two to three years experience on the OS/360 and IBM system 360 or 370 and at least five years experience with computers (or an advanced degree in computer science coupled with part-time work). Applicants should have leadership potential and be able to communicate well with others.

Richard E. Higham
Ext. 3-4278

Special Students Notice

Persons wishing to study at MIT as special students must apply for admission each term. Application forms are available in the Admissions Office, Room 3-108, and must be submitted by August 25 for the 1972 fall term.

Recycling to Begin

(Continued from page 1) and lounge areas will not be included in the pilot project because of the difficulty in separating the waste from these areas.

Mr. Whiston says that the success of the program will depend in large part upon the cooperation of individuals. He is now making arrangements with rubbish removal companies and is ordering the needed additional waste baskets.

The students' report, sponsored by the Vice President of Operations Philip Stoddard cited ecological and economical reasons for implementing the campus wide recycling program. The report stated that with the adoption of the program "we begin the economic cycle that will make the purchase of fresh paper from recycled materials much cheaper."

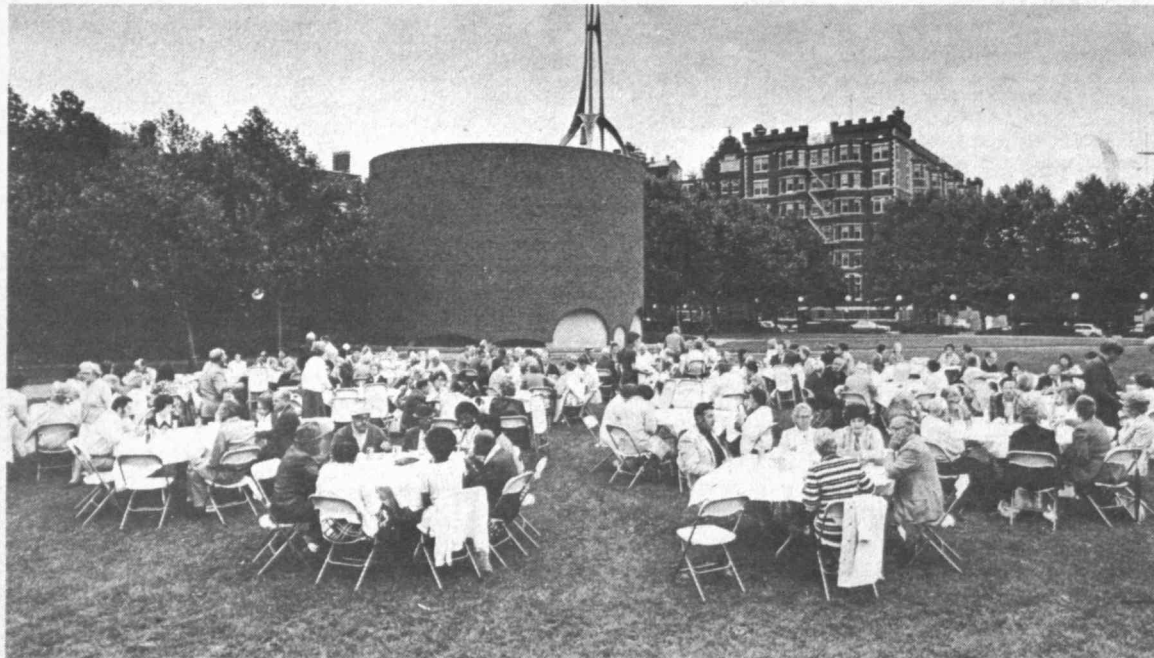
Steer Roast Is Popular First for Silver, Quarter Century Clubs



More than 150 veteran employees gathered last week for the first of what promises to be an annual affair—the Quarter Century and Silver Club Steer Roast, held on Kresge Plaza. Though the day was cloudy and the air was cool, everyone agreed that the banquet was well worth an extra sweater. The

Student Center dining staff provided the food, roast beef, potato salad, corn on the cob, watermelon and plenty of cold drinks. In addition to members now working at the Institute, a number of those who have retired came to renew old acquaintances.

—Photos by Margo Foote



Lillian Giuliana Named in Chancellor's Office

Mrs. Lillian Giuliana of Arlington has been appointed administrative assistant to Chancellor Paul E. Gray.

Mrs. Giuliana succeeds Mrs. Barbara Wagner, who has left the Institute to complete her studies at the University of Massachusetts.

For the past year Mrs. Giuliana served as administrative assistant in the Office of the President and Chancellor where she was responsible for the budget and a number

of surveys and special projects. From 1967-71 she was secretary to Malcolm G. Kispert, formerly vice president for academic affairs and now Institute Secretary.

Mrs. Giuliana came to the Institute in 1953 as secretary to Professor John M. Buchanan in the Department of Biology. She is a long time member of the MIT Choral Society and served as the group's president during the 1971-72 year.

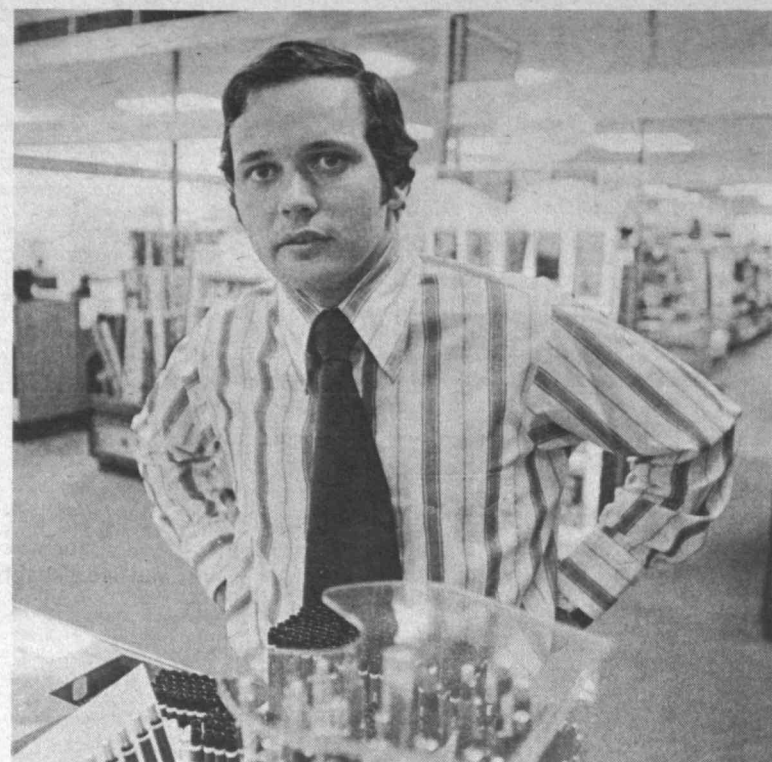
Quarter Century Club Offers Caribbean Trip

The Quarter Century Club is in the luxury vacation business again—this time the Club is offering a Caribbean cruise to San Juan, St. Martin, St. Thomas and Nassau.

The Caribbean Cruise Carnival will leave Miami on October 21 for seven days aboard the TSS Mardi Gras. The price of the week's vacation ranges from \$299 to \$499 per person double occupancy and includes round trip jet flights to Miami, air conditioned state-

rooms, three meals a day, the Captain's cocktail party, all transfers and luggage handling, a host escort throughout the trip, briefings on what to see in each port-of-call, and absolutely no regimentation.

All members of the MIT community and their immediate families are invited to join in the fun of this Caribbean Cruise Carnival. For more information and reservations, call Jack Newcomb on Ext. 3-4269. Space is limited, so make your plans soon.



The MIT Coop is much different now than it was when Allan Powell first worked here.

—Photo by Marc PoKempner

Powell Becomes New Tech Coop Manager

The Harvard Cooperative Society has appointed a new manager of the Tech Coop.

He is Allan Powell, an eight-year employee of the cooperative society who started as a stockroom clerk in the old Tech Coop on Amherst Street. He replaces Roscoe Fitts, who has been transferred to the Harvard Coop, where he will undertake special projects.

"We don't plan any major changes in the immediate future," Powell said.

"The women's section will be expanded slightly, and we will increase the variety of clothes offered in the I-Beam shop. But right now our prime concern is improving customer service."

Regular sales will continue to be scheduled, he said, including the highly successful Friday Sidewalk Sales which will continue as long as the weather permits.

Powell joined the Tech Coop in 1964 and during the next five years worked his way up through the ranks, serving at all of the coop branch stores in the process. In 1969 he was named manager of the

Medical School store, the position he kept until his recent appointment.

New Snow Number Is 494-5511

The Institute has a new emergency closing number—494-5511.

Official information on emergency closings may be obtained anytime by calling this number or by listening to radio station WHDH (850 kc) between 6:30 and 8:30am. Dialing 494-5511 reaches a recording service with 20 outside lines which is updated daily by the Campus Patrol.

Vice President John Wynne reminds all Institute personnel to assume the Institute will remain open but says that personal safety and convenience are earnestly considered whenever a decision must be made.

Certain personnel must report even if the Institute is officially closed to insure safe and continuous operations. These employees should receive their instructions directly from their supervisors in the event of a closing.

Westgate II to Open Soon

(Continued from page 1)

of residents will be cut almost in half—from 434 to 212. In spite of this, the number of single graduate students living on campus will increase this year with the opening of Westgate II in September.

Under construction since 1970, Westgate II was scheduled for completion by the beginning of September, but a national elevator workers strike last spring has caused several delays. Therefore, the building will be opened in stages throughout September with total occupancy expected by October 1.

Passenger elevators will not be operating on September 6 when Westgate II opens, so only the first six floors of the building will be used for occupancy. A construction elevator will be available for moving furniture, but residents will have to use the stairs for getting to and from their apartments. The passenger elevators should be operating by September 15. Until then, however, students who have rented apartments on the upper floors may be housed temporarily in Ashdown House.

Who's New in the News

Dr. John E. Burchard, dean emeritus of MIT's School of Humanities, has been named director of the San Francisco area Bay Area Rapid Transit (BART) Art Council formed to guide a program of placing art in 20 BART stations.

Mrs. Jacqueline Colby, assistant head of cataloging in the Libraries, was recently elected president of the New England Technical Services Libraries.

Jay W. Forrester, Germeshausen Professor and professor of management in the Sloan School, has been elected a Benjamin Franklin Fellow of The Royal Society of Arts in London.

du Pont, Carr Courts Closed

Members of the MIT community are reminded that duPont Tennis Courts and the J.B. Carr Indoor Tennis Center are closed for regular play this week. MIT's tennis facilities are being used for the American Tennis Association's 1972 National Tournament which started on Monday and will continue through Saturday, August 26.

Eagleton Was Media Victim Says Diamond

(Continued from page 1)

And the battle for Quang Tri City (as the skin color of the bodies has changed from white to yellow, the new coverage of the Vietnam war—hence audience interest—has declined to so-what levels).

The next morning, a distinguished political scientist—and, incidentally, an anti-McGovernite—said exasperatedly, “NBC’s Eagleton coverage was a case of overkill...if I were a McGovern supporter, I’d be furious...” But the professor had overlooked the second law of politics and the media: “These are tough times for liberal candidates.”

Although I’m not certain why this is so, I suspect it is related in part to the Nixon administration’s three-year-long campaign of press harassment.

Spiro Agnew’s assaults are certainly not the only—or, indeed, the main—form this intimidation has taken. Dean Burch is the chairman of the Federal Communications Commission, which licenses television and radio stations. On a day of an important Nixon speech, Burch telephoned network executives and asked them to be sure to send him transcripts of what the correspondents intended to say on the air after the President’s speech. (In fairness to Burch, this happened only a few days after his appointment, and he has been more discreet since.) Agnew and the administration, in any case, have the media jumpy over alleged liberal bias.

This nervousness about being too liberal is compounded by a certain discomfort Washington media people exhibit in the presence of George McGovern: They behave something like whiskey drinkers when the Methodist minister or the Gary Cooper sheriff walk into the saloon in a western.

Travel in a Pack

Not many of the Washington correspondents gave McGovern the time of day when he was running for the Democratic nomination. “They travel in a pack,” McGovern once complained privately. “One political reporter heads off in that direction, and they all head off in that direction...” The same pack has already written off McGovern’s chances in November, and a McGovern partisan might conclude that the Eagleton story got the full “tear-up-page-one” treatment to help insure the experts’ prediction.

The third law of the media is also related to the way the Eagleton story was covered: “News is not necessarily what happened in any given time-space frame: It is the editors’ selection of “news” within that frame.”

When Sens. McGovern and Eagleton met reporters for a full-scale news conference to break the story of the mental illness treatment, literally hundreds of pictures of the pair were taken. But one UPI picture made the first pages of newspapers across the country: The photo showing Eagleton “nervously” patting his head.

Eagleton himself was to complain bitterly that he couldn’t beat the selection system. During the entire time he kept his head up, he said in describing another en-

counter, but just once he lowered it and that’s the shot they all used...

Strategy

Two Sundays ago, on his CBS “Face the Nation” appearance, Eagleton handled himself extremely well—only to have a “Helpful” George Herman observe that the viewer may not have noticed that the senator was perspiring heavily and had a slight “tremor.” There was, in fact, some sweat on Eagleton’s forehead (the studio lights were hot) but how many home TV sets could pick up the alleged shakes? Even when you win, you lose.

The Eagleton strategy to counteract impressions of his unfitnes was to be highly visible, to stay in the public eye instead of canceling appearances (“See, he’s in hiding, he can’t take the pressure...”). But Eagleton’s activity—San Francisco to Hawaii to Washington—only served the media needs for new datelines and new camera angles. His movement kept the story moving.

Certainly there was a real story, somewhere under all the layers of media events. But the key questions—is depression like the flu, or are people susceptible again like heart attack victims? Was Sen. Eagleton’s real illness his ambition? were never properly answered. Instead, the public was treated to nose counting (is he hurting the ticket?) and scapegoating (who goofed on the McGovern staff?).

But there may be a fourth law that balances the others: “What the media say is important may not be so earthshaking to readers and viewers.

Pentagon Papers

“A year ago, the newspapers and the television were full of the big Pentagon Papers case with its weighty issues of secrecy, morality and the First Amendment and freedom of the press. But when the jury was being selected a few weeks ago for the Los Angeles trial of Daniel Ellsberg and Anthony Russo, the lawyers had no trouble finding “pure” jurors: Only one or two of the panel had ever heard of the Pentagon Papers.

When the presidential campaign gets going in a few weeks, the Eagleton “case” will fade the same way—although this may be of little consolation to Tom Eagleton. Academic studies of past elections indicate that about two-thirds of the voters have made up their minds on the candidate by Labor Day. But the one-third that is still undecided can make the difference between victory and defeat.

McGovern and Nixon, depending on their campaign strategies, will press the flesh, make prop-stop tours and appeal directly to the voters via television, in order to influence people and win votes.

Issues will be aired and personal character revealed—yes, even under the Pancake makeup—and the voters will decide which man is most capable of leading the country. This decision, I suspect, will be made independent of the hotshot columnists, the pollsters and the editors who make the news each day.

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Photos by Marc PoKempner

Two Students Aid Puerto Rican Community As Summer Project

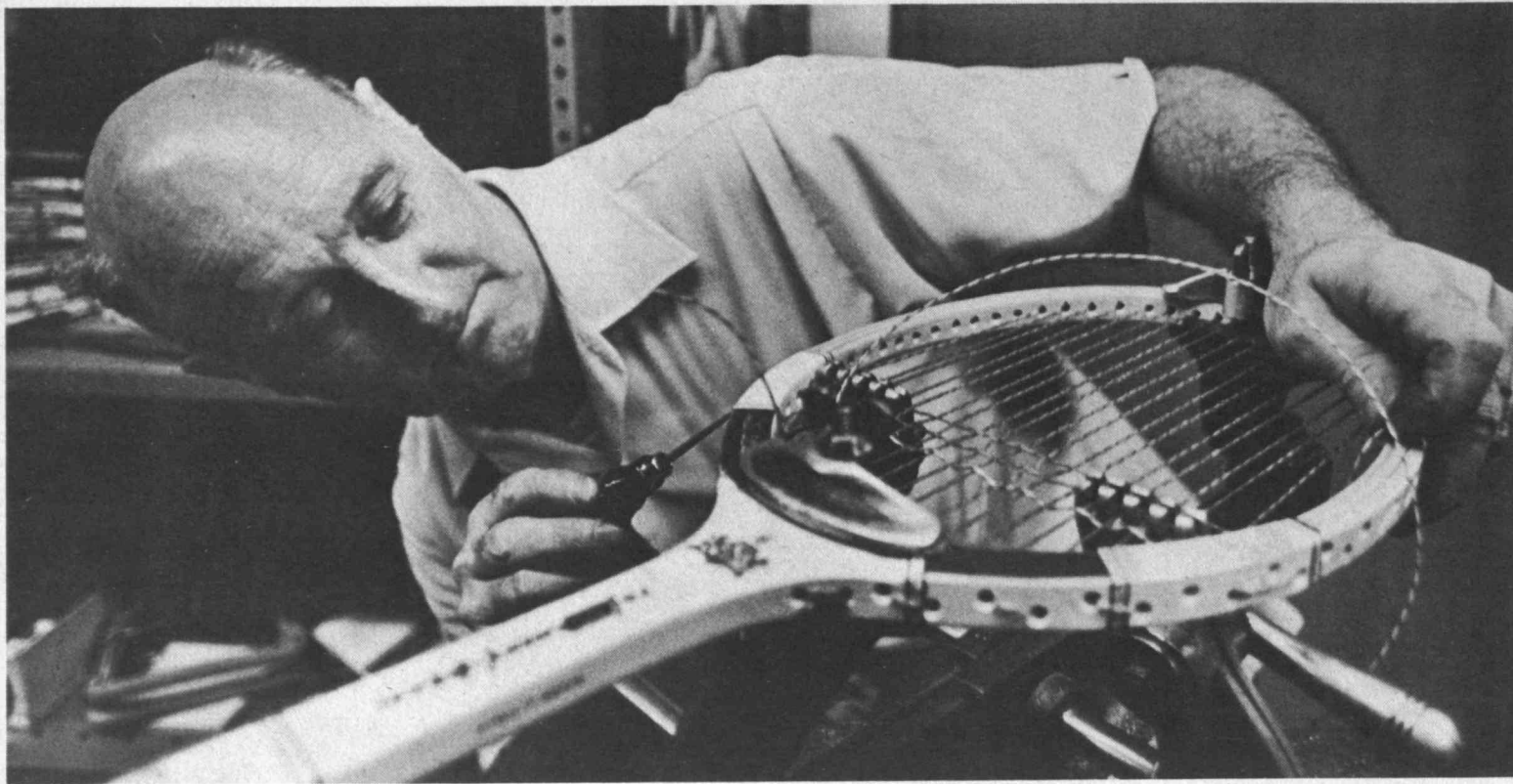
Fifty-three percent of the Spanish speaking population in Boston has arrived in the last few years and it represents one of the largest minority groups in Boston. Most of the immigrants come from rural areas in Puerto Rico and Cuba and find insufficient services in an American urban environment.

Two MIT students from Puerto Rico have spent the summer working in the Puerto Rican community of Dorchester. Roberto Marrero Aldea, a graduate student in chemical engineering from Santurce, and Edwin Quiles, a graduate student in architecture from Rio Piedras, have been sponsored by the stu-

dent summer projects in community affairs.

The students’ object was to enhance the sense of identity for the community to enable it to organize itself to solve its own problems. In the last few weeks the students helped direct the clearing of a vacant lot on Dean Street in Dorchester to be used as a playground and organized lead poison testing for neighborhood children.

On the playground, a simple structure made from old lumber proves to be safer than wrecked cars to play on. In the top picture a child is tested for lead poisoning—an all too common occurrence in the area.

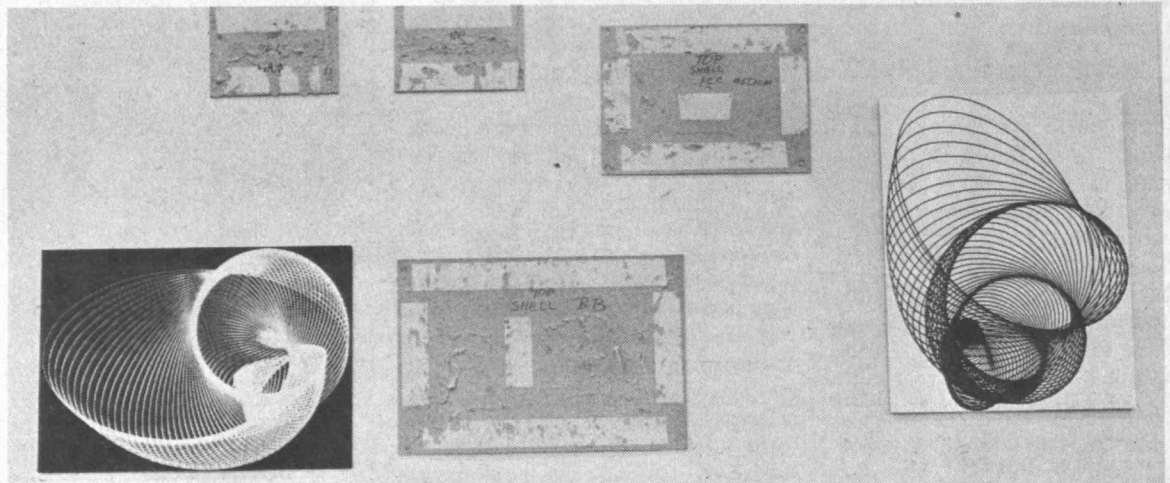


*Here
and
There*

STRINGING—The Athletic Department's John Keenan spends much of his summer restringing rackets for MIT's many tennis players.

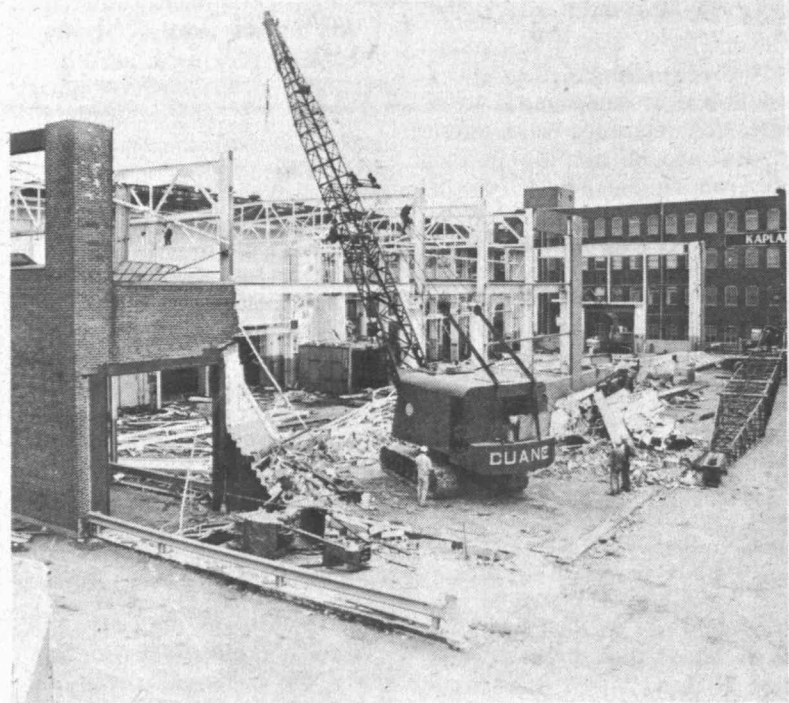


SELLING—John Broadard, a student at the Dearborn School in Boston, has become the Institute's new afternoon paperboy.



MISSING—Doc Edgerton has reactivated his Vigilance Committee in response to the decimation of the imaginative computer graphics display in the main corridor.

photos by
Margo Foote
and
Marc PoKempner



GOING—The Blanchard Machine Company, next door to Graphic Arts, is being razed for a parking lot for nearby Polaroid employees.



LEAPING—This broadjumper was one of more than 200 youngsters who participated in the Inter City Invitational Track Meet on Briggs Field last week.



RAPPING—Two young fishermen share lunch and conversation sitting on the edge of the Chapel moat.