

Workshops On Family History Set

A year-long, multi-university history workshop has been announced by Professor Bruce Mazlish, head of the Department of Humanities.

The workshop will focus on the relatively new field of family history with respect to the study of American industrial society. Workshops will meet monthly to hear invited papers.

In order to keep the workshop small, attendance will be limited. However, Professor Mazlish said, a few qualified students—undergraduate or graduate—will be welcome on a space available basis. Those interested should call Professor Mazlish.

First speaker will be Professor John Demos of Brandeis University who will present a paper Thursday, Oct. 9, on the American Family in the critical years following the American Revolution.

Succeeding speakers and topics will be:

Professor Gerard Warren of the Warren Center, Harvard University, on changing wealth distribution.

Professor Jacob Price of the University of Michigan on the entrepreneurial family.

Professor Robert Wells of Union College on family size.

Professor Maris Vinovskis of the University of Michigan on mortality patterns.

Professor Herbert Gutman of City College of New York on the black family.

Professor Josef Barton of Northwestern University on immigrant families.

Professor Kenneth Keniston of Yale University on the family in post industrial society.

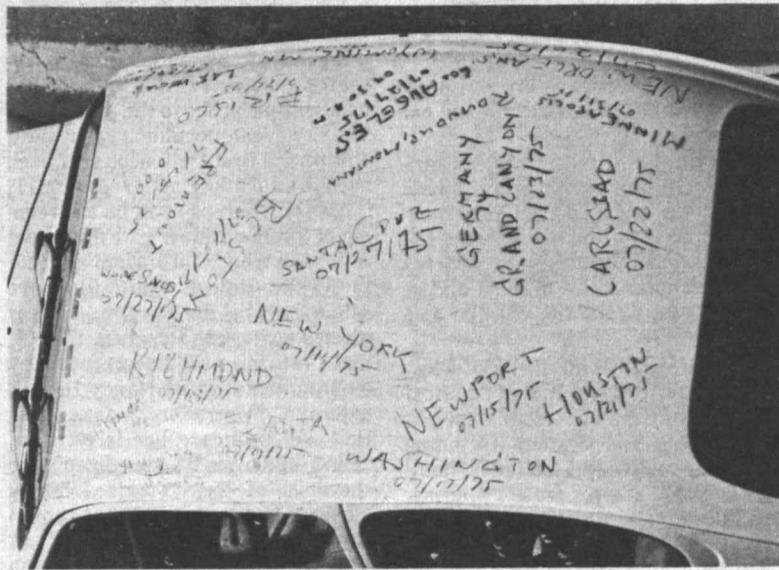
Invited members of the workshop, who will discuss the speakers' papers, will come from Boston College, Boston University, Brown University, Clark University, Yale, the Radcliffe Institute and several MIT departments.

Funding for the workshop has been provided by the Friends of the Humanities, headed by I. Austin Kelly III, a member of the Class of 1926.

Lobby 7 Music

Tom Akstens, who plays original music, country blues and traditional tunes on guitar, old-time banjo and fiddle, will perform in the Rogers Lobby (Lobby 7) at noon today, Wednesday (Oct. 1).

The Improvisational Jazz Duo—David Birkin on sax, and Chris Rathbun on bass—will be heard at noon Thursday (Oct. 2) in the lobby.



WELL TRAVELED—Peter Voersmann, who received the SB degree in aeronautics and astronautics in June, recorded his whirlwind cross-country trip on top of his Volkswagen. He traveled 9,000 miles in 18 days, visiting friends across the country. Voersmann and his VW returned last week to their home in Germany, following a visit at the Delta Kappa Epsilon house on Memorial Drive.

—Photo by Calvin Campbell

New Childbirth Disability, Parental Leave Policies Set

By CLAUDIA LIEBESNY
Office of Personnel Services

John M. Wynne, Vice President, Administration and Personnel, has announced the approval by the Academic Council of new policies related to disability associated with pregnancy and childbirth. The two policies are outlined below and apply regardless of marital status.

A policy has been established, initially on a one year trial basis, which treats disabilities of women arising in association with pregnancy, birth, miscarriage or abortion like any health or temporary

disability under regular MIT sick leave practice. Employees with one or more years of continuous employment are eligible.

Should an employee choose not to work after the period of disability surrounding the birth of a child, authorization will be permitted for leave without pay for the time remaining in the total period granted under the parental leave policy (described below). While payment will normally be made during the period of immediate post-birth disability, sick leave payments for

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Chinese Scientists Plan Visit

A 14-member delegation of senior scientists from the People's Republic of China presently on tour of the US will visit MIT and other eastern Massachusetts science centers next week.

Dr. Frank Press, Robert R. Shrock Professor of Geophysics and head of the MIT Department of Earth and Planetary Sciences, is chairman of the US Committee on Scholarly Communications with the People's Republic of China, co-sponsored by the National Academy of Science, the Social Science Research Council and the American Council of Learned Societies. Dr. Press has been coordinator for the delegation's Boston area visit.

Sunday evening, MIT President Jerome B. Wiesner will be host at a dinner for the full delegation.

On Monday and Tuesday, half the group will be at Woods Hole Oceano-

graphic Institution, Woods Hole, Mass. Other members of the delegation will spend Monday at Harvard University and Tuesday at MIT. The full group will reconvene and spend Wednesday at MIT.

Professor Press said when the delegation arrives, members will be invited to present lectures or seminars in areas of their expertise if they choose. One of them, Professor Chou Pei-yuan of Peking University, an authority on fluid dynamics, already is scheduled to give a lecture on recent research in China on the statistical theory of turbulence Tuesday afternoon at MIT. His lecture is being sponsored by the Departments of Aeronautics and Astronautics, Civil Engineering, Mathematics and Mechanical Engineering.

The delegation was received by President Gerald Ford at the White House in Washington, D.C., last Saturday.

Social Factors Limit World Food Potential

By CHARLES H. BALL
Staff Writer

The world has the potential to increase food production greatly and feed its population for the foreseeable future, but political, economic and social factors may undermine the effort to combat famine, a leading food scientist said Tuesday at MIT's annual Underwood-Prescott Memorial Award Program.

Dr. J. George Harrar, president emeritus and life fellow of The Rockefeller Foundation, said, "There are no secrets in conventional agriculture and where the will and wisdom exist, it is readily feasible to improve agricultural practice and production by wide margins."

Dr. Harrar said, however, that "priorities must be revised and major emphasis given to maximizing the efficiency of agricultural systems worldwide."

Speaking at a symposium in Kresge Auditorium on the subject, "Food for the World," Dr. Harrar said that the answer may be "no" to the question, "Will the world so manage its resources as to be able to adequately feed its population in the near and long term?"

"This is not because we have reached the end of our potential to increase world food production," he

said, but because of the "failure to surmount three existent restraints."

He said these were:
—"The continuing and growing imbalance between nutrition and numbers, which if not substantially reversed, will ultimately lead to demographic catastrophes or even massive warfare."

—"The fact that much of the world is already involved in social and economic conflict" in which "the so-called unaligned nations demand an ever-growing share of the world's goods without sharing the responsibility for creating them."

—"A combination of government instability, political uncertainties and nationalistic attitudes."

Unconventional Food

Dr. Harrar cited a number of specific ways in which world food production can be augmented, particularly through the use of advancing technologies such as engineering and mechanization, energy development and utilization, the use of agricultural chemicals and genetic improvement of food plants and animals.

But the future can only be brighter, the speaker said, "if it can be assumed, and this is a major and uncertain assumption, that popula-

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Record 32 Women Enrolled In Sloan Master's Program

Thirty-two women—a record—are among the 113 students enrolled in the master's Class of 1977 at MIT's Sloan School of Management.

The figure is five higher than the number of women in the Sloan's master's program last year and 20 more than enrolled in the Class of 1975.

As in the past, an undergraduate experience in management continues to be the exception rather than

the rule for women at Sloan. Only six percent of the women in the master's classes of 1976 and 1977 studied management as undergraduates. Liberal arts produced the most graduate management students—37 percent; Science, 22 percent, mathematics, 23 percent, and economics, 12 percent, followed.

Twenty-eight of the women in the 1977 class come from the United States and four are from foreign countries—the Philippines, Brazil, New Zealand and Great Britain.

In addition, the 1975-76 Sloan Fellows Program includes six women: Angelika Esser, research associate, Panta, Inc., New York City; Sandra G. LeFlore, director of resources and development, Mayor's Office of Cultural Affairs, Boston; Katherine B. Magrath, portfolio management consultant; Sister Kathleen Natwin, director, ambulatory nursing service, Carney Hospital, Boston; Ellen W. Ober, vice president, Social Services Group, Macro Systems, Inc., Silver Spring, Maryland, and Margaret R. Shanley, associate director of The Children's Hospital Medical Center, Boston, and director of nursing service.

Foliage Tour

The Technology Matrons will sponsor a fall foliage tour to Sandwich, Mass., leaving from the Sloan Bldg. parking lot at 9:30am Saturday, Oct. 11.

Beginning today (Wednesday, Oct. 1) tickets—\$6.50 for adults, \$3.50 for children—will be on sale all day Mondays through Fridays in the Foreign Students Office and from 11am to 1pm daily in the Maclaurin (Bldg. 10) Lobby.

Those going should bring a lunch. Tickets include transportation, admissions to the Heritage and Glass Museums at Sandwich, plus a late afternoon snack of cider and donuts.

Policies on Union Organizing Activities Explained

(EDITORS NOTE: John M. Wynne, Vice President, Administration and Personnel, has asked that the following memorandum to Academic and Administrative Department Heads, Laboratory and Center Directors be published in Tech Talk because it contains information of interest to all members of the community concerning MIT policies relating to the conduct of union organizing activities on MIT's premises.)

(Mr. Wynne said that a previous memorandum to all Institute supervisors, dated December 6, 1974, dealt in part with this subject but was primarily addressed to the rights and responsibilities of supervisors

during an organizing campaign.

(A letter from Chancellor Paul E. Gray to Academic and Administrative Department Heads, Laboratory and Center Directors calling attention to the organizing drive by District 65 and discussing briefly the representation procedures of the National Labor Relations Board, the responsibilities of the Institute and its representatives and the posture of the Institute was published in Tech Talk on November 27, 1974.)

In my memorandum of December 6, 1974 on this subject, I referred to Chancellor Gray's earlier letter in which he said that the Institute intends to behave scrupulously with regard to the letter and spirit of the

law and will expect the Union to behave similarly. I explained in this connection the policies which would apply to individuals engaged in activities either in support of or in opposition to the current organizing drive by District 65. The policies are:

a. Employees are not allowed to engage in solicitation or the distribution of literature either for or against a union during working time. These activities may be carried on during free time such as the lunch hour but it should be understood that the fact that the persons doing the soliciting are on such free time does not give them the right to interrupt the work of others who are not.

b. Outside organizers are not allowed to engage in organizing activities on MIT property. This is not intended to preclude their attendance at or participation in organizing meetings on MIT property which have been arranged by employees in accordance with established procedures and are held during non-working time.

c. Institute supplies, equipment or services may not be used by employees for the purpose of promoting or opposing a union.

These policies are reasonable in themselves and consistent with, although less restrictive than, the Guidelines that have been laid down by the National Labor Relations

Board and the Federal courts. They reflect the view that a union's right to organize must be exercised within boundaries which protect the rights of the employer and the employees.

In recent months there have been increasing complaints from supervisory personnel who report that employees acting in behalf of District 65 have entered their offices during working time and interrupted the work by distributing membership cards and soliciting support for the Union. In the Ford Building, in particular, where there is a high concentration of Biweekly employees, these employees have been going from office to office to engage in

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Annual Sea Grant Lecture, Symposium Slated Oct. 16

Ocean hard mineral mining will be the subject of the fourth annual MIT Sea Grant Lecture and Symposium, which will be held Thursday, Oct. 16, at 3pm in Kresge Little Theatre.

The MIT Sea Grant Program sponsors the lecture as a yearly event to present perspectives on opportunities in the oceans.

John E. Flipse, MIT '42, this year's

lecturer, will speak on The Science, Engineering, Economics and Politics of Ocean Hard Mineral Development. A panel discussion will follow.

Flipse is president of Deepsea Ventures, Inc., which is developing technology for mining manganese nodules from the deep ocean floor, and which last year filed a 60,000 square kilometer claim to mineral resources in the Pacific.

Members of the symposium panel will be Dr. Roger C. Burns, professor of geochemistry in the MIT Department of Earth and Planetary Sciences; Marne A. Dubs, director of Kennecott Copper Corp's Ocean resources Department, Leigh S. Ratiner, administrator of the US Department of the Interior's Ocean Mining Administration and Sergio Martins Thompson-Flores, counsellor with the Brazilian mission to the United Nations.

Dr. Ira Dyer, director of the MIT Sea Grant Program and head of the MIT Department of Ocean Engineering, will be moderator.

Mr. Flipse has more than 30 years experience in the marine industry field as a mariner, teacher, consultant, design engineer, project manager and researcher. Before joining Deepsea Ventures he was with the Newport News Shipbuilding and Dry Dock Co., serving as assistant to the president, assistant to the executive vice president, assistant to the vice president and general manager and head of the systems department. He holds an SB in naval architecture and marine engineering from MIT and the master of mechanical engineering degree from New York University.

Shirley Jackson To Discuss Black Views

Dr. Shirley A. Jackson, research associate in theoretical physics at the Fermi National Accelerator Laboratory at Batavia, Ill., and a recently-elected member of the MIT Corporation, will speak on "Black Perspectives—Past and Present" at MIT's Tang Hall Penthouse starting at 7:30pm Friday (Oct. 3).

Dr. Jackson received her SB degree in physics from MIT in 1968 and the PhD degree in physics in 1973. She was the first black woman ever to receive the doctor's degree from MIT. While a student, she was the first co-chairperson of the MIT Black Student Union, a tutor in BSU's Tutoring Program, and a recipient of the Compton Award, the highest undergraduate award at MIT.

Dr. Jackson was elected last June as a Representative from Recent Classes on the MIT Corporation and will be attending her first Corporation meeting as a member earlier in the day Friday. She recently was a visiting scientific associate at the European Organization for Nuclear Research in Geneva, Switzerland.

Her lecture Friday evening is sponsored by the Minority Graduate Student Advisory Committee and Dr. John B. Turner, assistant dean of the Graduate School.



Willsky Receives Eckman Award

Alan S. Willsky, assistant professor of electrical engineering and assistant director of the Electronic Systems Laboratory, has received the 12th Donald P. Eckman Award presented annually by the American Automatic Control Council to a researcher under the age of 30 for outstanding contributions to automatic control.

Of the 11 previous recipients, four also were associated with ESL at the time: Professor Michael Athans, now ESL director; Professor Roger W. Brockett, now at Harvard; Professor Edison Tse, now at Stanford; and Timothy L. Johnson, MIT associate professor of electrical engineering and computer science.

Dr. Willsky, 27, was recognized for work in estimation and control theory, algebraic system theory, application of control theory to aerospace and biological systems problems, and for outstanding teaching. Earlier this year, he received a Graduate Student Council award for his teaching. He received the SB degree in 1969 and the PhD in 1973, both from MIT in aeronautics and astronautics. He was appointed assistant professor in September, 1973.

Morse Named ERDA Advisor

Richard S. Morse of Wellesley, president of the MIT Development Foundation, Inc., was one of nine persons named by President Gerald R. Ford last week to the general advisory committee of the Energy Research and Development Administration (ERDA). The committee formerly advised the Atomic Energy Commission before ERDA was formed.

Mr. Morse, a graduate of MIT in 1933, is former president of the National Research Corporation of Cambridge, a company he organized. He later served as Assistant Secretary of the Army for Research and Development under Presidents Eisenhower and Kennedy. He has been a Senior Lecturer at the Alfred P. Sloan School of Management for a number of years, an advisor to the government and a corporate director and consultant. He has been president of the MIT Development Foundation since its establishment in 1972.

Bryant Honored

Lynwood Bryant, former director of the MIT Press (1957-62) and professor emeritus in history, has been named senior resident scholar at the Eleutherian Mills-Hagley Foundation in Wilmington, Del., and a member of the history department at the University of Delaware, effective Sept. 1.

Film Showing to Benefit Sojourner

A film benefit, "Three Lives" by feminist author Kate Millet, will be held Wednesday, Oct. 8, at 8pm in Room 26-100 to raise funds for MIT's first women's newspaper, *Sojourner*.

The event will be the first of several fund raising efforts to extend the life of the new monthly publication, according to Allison A. Platt, a founder of the paper. Donations of \$2 are being requested.

Funded initially by the office of MIT Chancellor Paul E. Gray, *Sojourner* has published two issues to date. Circulation is approximately 5,000. Subscriptions are \$4 per year. The paper's first issue carried

articles on female-oriented health care, the MIT Women's Forum, and a memorial tribute to Gay Warner of the MIT Medical Department, who was killed in an automobile accident Aug. 9.

The October issue, distributed this week, included a rebuttal by Catherine Vakar Chvaney, associate professor of Russian, to an opinion published last month on the establishment of a women's center at MIT.

"We hope to provide more debate of this kind," Ms. Platt said. "We are encouraging the submission of articles from all parts of the MIT community and hope to maintain an



FLASH—No. 2 in a limited edition of 1,000 Honeywell Strobolar flashes was presented last week to Dr. Harold E. Edgerton, Institute Professor Emeritus, right, by Robert L. Pennock, vice president and general manager of Honeywell Photographic Products. "Doc," who played a pioneering role in development of strobe photography, has worked with Honeywell for many years. The chrome-plated limited edition commemorates the company's 25th anniversary in the field. No. 1 in the edition was given to the Smithsonian Institution in Washington.

Alumna Takes Sloan Post

The appointment of Pamela Walker Turner as director of recruitment and placement at the Sloan School of Management at MIT has been announced by William F. Pounds, Dean of the School.

Dean Pounds said Mrs. Turner, who received her S.M. from the Sloan School in 1971, will be responsible for recruitment and placement in both the two-year and the accelerated masters programs.



In this capacity and in other ways as well she will be working closely with Dean Peter P. Gil and Dean Thomas M. Hill, co-chairmen of the masters programs.

Mrs. Turner, who was graduated in economics from Wellesley College in 1965, worked for two years with the Cambridge consulting firm of Arthur D. Little, Inc., before enter-

Sloan Education Brochure Out

A brochure describing continuing education programs offered by MIT's Sloan School of Management has been included in the Winter issue of the Sloan Management Review.

Peter P. Gil, associate dean for teaching programs at the Sloan School, in a letter accompanying the brochure, said the programs, sometimes described as Executive Development Programs, "really come under the heading of continuing education opportunities offered to those who are at various development stages in their careers."

The brochure describes the following programs: Alfred P. Sloan Fellows Program, MIT Health Management Executive Program, Accelerated Graduate Program, Program for Senior Executives, Program for Urban Executives, Visiting Fellows Program, Special Student Program, Special Executive Programs.

open forum for opinions of all kinds."

Included in the funds provided by Dr. Gray, is support for a UROP student apprentice, who is in the process of submitting a proposal, according to Ms. Platt.

Other members of the *Sojourner* staff are Cynthia Helsel, managing editor, Cathy Lee, director of typesetting, Martha Taylor, publicity, and Etta Baurhenn, Mary Ann Campbell, Libby Cone, Pat Hanratty, Alison Kohler, Camille Motta, Cynthia Mutti, Mary Pensyl, Karen Prendergast, Sandy Taylor, Mimsi Dorwart, Kathleen Mensler, and Susie Fennelly. Subscription orders may be sent to Room 14E-310.

ing the Sloan School of Management as a masters candidate in the fall of 1967.

She interrupted her studies in 1969 when she moved to Algiers where she worked for the Societe Nationale de Siderurgie (the Algerian national steel company) as a member of both the computer department and the marketing division. In the fall of 1970 Mrs. Turner returned to the Sloan School to complete her degree, specializing in the area of management information systems. Her thesis, done under the supervision of Professor Michael Scott Morton, was entitled *A Framework for Designing Management Information Systems*.

Mrs. Turner lives in Cambridge.

Parental Leave Policies Set

(Continued from page 1) disabilities arising from childbirth are conditional on return to work.

Additionally, a new parental leave policy has been approved which makes regular fulltime or parttime (50% or more of normal work week) male and female employees who have completed their probationary periods of employment, eligible for leaves of absence at the time of the birth of each of their children. The following specific provisions apply.

A leave without pay of up to eight weeks will be granted provided the employee gives reasonable notice (normally four weeks) and indicates intention to return to work. The employee's job, or a job of equivalent classification and pay, will be restored by the department or laboratory at the completion of the leave, unless the position has been eliminated by reduction in force or operational change under circumstances applying equally to other similar jobs in the department. If the former position has been so affected, efforts will be made to find other suitable employment, first in the department concerned and, secondly, within the Institute as a whole. All benefits may be kept in force, at the option of the employee, provided this is arranged in advance for payment of the normal benefit deductions. Health Insurance benefits must be kept in force during this period or specifically waived in writing.

Questions on these policies should be raised with the Personnel Officer of your area.

Seminar Time Changed

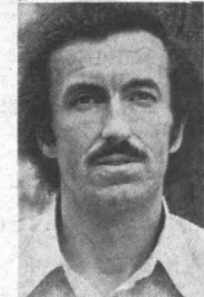
The time for the second seminar on "Language Acquisition," sponsored by the Division for Study and Research in Education, has been changed to 1-3pm, today (Oct. 1), in Rm. 20C-117. Seminars Oct. 8 and 15 will be at this same hour, and not 3-5pm, as announced previously.

Course XII Names Hart To Faculty

Stanley R. Hart, a staff member of the Carnegie Institution of Washington since 1960, has been named professor of geology and geochemistry in the Department of Earth and Planetary Sciences at MIT, effective July 1, 1975.

Dr. Hart received the SB degree from MIT in 1956, the MS degree from Cal Tech (1957) and the PhD degree from MIT (1960). From 1966-67 he was a visiting associate professor at the University of California, San Diego.

A member of the Joint Oceanographic Institution of Deep Earth Sampling's Panel on the Ocean Crust, Dr. Hart has served on the NSF Earth Science Panel (1970-73), the US National Committee for Geochemistry (1973-75; chairman, 1975) and the US Committee for International Geological Correlations Program (1974).



Dr. Hart's current research interests are in geochronology and isotope geochemistry. By measuring radioactive parent-daughter relationships in rocks and minerals, Dr. Hart has been studying the detailed nature of the evolution of Precambrian rock formations in Canada (about 2.7 billion years old). He has also been analyzing the strontium and lead isotope abundances of modern oceanic volcanic rocks in order to understand the geochemical evolution of Earth's mantle.

At MIT, Dr. Hart plans to continue this research with the use of an ultra-high precision mass spectrometer, currently being constructed with MIT support. With these measurements, he hopes to determine why the earth's chemically "heterogeneous" mantle has not become chemically "homogenized" through the ages. Many of the samples which will be analyzed are to be obtained by drilling of the sub-oceanic crust during the International Phase of Ocean Drilling (IPOD).

Visa Notice

Attention all foreign students and staff: Beginning October 1, 1975 the Canadian Government is instituting new entry requirements. You may need a Canadian visa (obtainable from the Canadian Consulate in Boston) to enter Canada. You may check with the Foreign Student Office, Room 3-107, ext. 3-3795 or the Registry of Guests, Room 7-121, ext. 3-2851 to find out if you need a visa.

Nuclear Journal Names Feld Editor

Dr. Bernard T. Feld, MIT physics professor, has been named editor-in-chief of the *Bulletin of the Atomic Scientists*.

Dr. Feld, long active in the development and control of nuclear energy, succeeds the late Dr. Eugene Rabinowitch, who co-founded the magazine in 1945 as an international forum for the discussion of nuclear policy.

Dr. Feld's appointment will take effect in January following conclusion of his term as secretary-general of the Pugwash Conference on Science and World Affairs, where he has been on leave of absence from MIT. Pugwash is a London-based organization which brings scientists together from various nations to study critical world problems.

Dr. Feld, a student of Drs. Enrico Fermi and Isador I. Rabi, two of the great figures in modern physics, participated in the development of the first atomic bomb during World War II and then turned his attention to the need for effective public control over atomic energy.

MIT Water Polo Team To Host Tournament

MIT will host its fourth annual water polo tournament Friday and Saturday, Oct. 3 and 4. The tournament entries are teams from Southern Connecticut, University of Massachusetts, University of Rhode Island, Williams, Bowdoin and host MIT. Friday afternoon's competition will pair So. Conn. versus U. Mass. at 5:00pm, MIT versus U.R.I. at 6:00pm and Williams versus Bowdoin at 7:00pm. Saturday's competition, starting at 11:00am, will consist of round-robin matches among the losers and the winners from Friday evening. The competition on Saturday will conclude with a championship game between the winners of the round-robin matches.

MIT's men's sailing team concluded on Sunday a busy weekend by winning the Jack Wood Regatta.

Tennis Center Lists Schedule

The Department of Athletics this week announced an expanded amount of time available at the Carr Indoor Tennis Center for recreational play from now through Oct. 25.

Courts are available for rental at \$6 an hour before noon and \$7 an hour after noon to current Athletic Card or Indoor Tennis Membership Card holders except when needed for physical education and intercollegiate events. Call x3-1451 for reservations.

Through Oct. 25 courts will be available for rental from 8am to 11am, from 12 noon to 1pm and from 7pm to 11pm Mondays through Thursdays; from 8am to 2pm and from 7pm to 11pm on Fridays; and from 8am to 2pm and from 6pm to 11pm Saturdays and Sundays.

The intercollegiate indoor tennis season begins Oct. 26 and court availability will be somewhat reduced after that.

Tech, using eight skippers, totaled a trophy-winning low of 67 points to edge runner-up Dartmouth's 71 points. The Engineers got a perfect five-race winning effort from co-skippers Chris Berg (Kailua, Hawaii) and Austin Corwin (Yorktown Heights, N.Y.). On Saturday, junior Bill Critch (Winthrop, Mass.) and sophomore Gary Smith (Arlington, Va.) skippered MIT to a fine second behind nationally-ranked Tufts in the Frank Lane Trophy at Medford. Tufts scored 20 points to MIT's 25, with Northeastern trailing in third with 33 points in the eleven school entry.

Also on Saturday, at Coast Guard, senior captain Paul Erb (Corpus Christi, Tex.), qualified for the New England Sloop Championships to be held later in the fall. Erb's crew consisted of Larry Dubois (Beverly Hills, Cal.), John Anderson (Annapolis, Md.) and Steve Gourley (Sandwich, Mass.).

The women's sailing team highlighted their weekend with a second place in the President's Trophy Regatta hosted by Boston University. Alanna Connors (Greenwich, Conn.) and Barbara Belt (Severna Park, Md.) co-skippered the MIT entry that scored 31 points, eight behind winner Radcliffe, in the five team competition.

Junior Frank Richardson (Sac City, Iowa) was the only encouraging report from the Engineer's Trophy cross country race last Saturday at Worcester. Richardson placed first in 25:20 over the 4.9 mile course, a full three hundred yards ahead of his closest competition. However, MIT totaled 52 points to place third in the meet behind W.P.I.'s 25 and R.P.I.'s 46 points. The Tech harriers hope to get back on the right track this Saturday at Franklin Park when they host the University of New Hampshire, Coast Guard Academy and Wesleyan.

Positions Available

(Continued from page 7)

Sr. Technician (Elec.), hourly, in Laboratory for Nuclear Science will assist in laboratory research/analytical work: will have responsibility for maintenance systems for water temperature, personnel protection, communications systems, heavy electrical switch gear, large motor-generator sets, high-power rectifiers and other related equipment including realy control systems. Two year technical day school graduate, or equivalent, plus a minimum 5 year applicable experience, Journeyman electrician's license plus several years experience with above equipment. Thorough technical understanding of sophisticated electronic control systems and equipment operation also necessary. 40 hr/wk. Position is at Bates Linear Accelerator, Middleton, Ma. H75-91 (9/25).

ADMINISTRATIVE STAFF:

A75-26, Dist. Officer, Resource Develop. (7/9)
A75-35, Regional Rep., Alum. Assn. (6/25)
A75-38, Operations Mngr., Medical (7/9)
A75-44, Proj. Planner, Planning Office (8/20)
A75-48, Director, Tech. Ed. Proj., Off. of Pres. & Chnc. (9/3)
A75-49, Asst. Director, Admissions (9/10)
A75-51, Staff Acct., Energy Lab (9/10)
A75-52, Acctg. Officer, Elec.Eng. (9/24)
A75-53, Personnel Officer, Personnel (9/24)
A75-54, Sec. for Alum. Relations, Alumni Assn. (9/24)

BIWEEKLY:

B75-190, Tech. Asst. IV, Arch (6/25)
B75-195, Comp.Op. IV, Res. Lab of Elec. (6/25)
B75-267, Sec. IV, Res. Lab of Elec. (6/25)
B75-273, Sec. IV, Mt. Sc. & Eng. (7/9)
B75-290, Sec. III-IV, Energy Lab. (7/23)
B75-296, Sec. IV, Civil Eng. (9/10)
B75-308, Sec. IV, Tech. & Culture Seminar (8/6)
B75-320, Sec. III-IV, Chem. Eng. (8/6)
B75-339, Sec. IV, Mech. Eng. (8/6)
B75-342, Sec. IV, Jnt. Cntr. Urb. St. (8/20)
B75-358, Sec. V, Resource Devel. (8/20)

B75-367, Sec. III, Sloan School (9/10)
B75-380, Sec. IV, Alum. Fund (9/3)
B75-388, Sec. IV, Cntr. for Pol. Alt. (9/3)
B75-422, Acctg. Clerk IV, Graphic Arts (9/10)
B75-427, Comp. Op. IV, Off. of Adm. Inf. Syst (9/10)
B75-438, Sec. III-IV Ocean Eng. (9/10)
B75-451, Sec. IV, Resource Devel. (9/10)
B75-455, Sec. IV, Inst. Sec. for Found. (9/10)
B75-465, Sec. IV, Pol. Sc. (9/17)
B75-468, Sec./Sr. Clerk III, Career Pl. & Place. (9/17)
B75-469, Sec. IV-V, Psychology (9/17)
B75-475, Sec. V, Chemistry (9/17)
B75-479, Sr. Lib. Asst. IV, Rotch Lib. (9/24)
B75-482, Sec. III, Mat. Sc. & Eng. (9/24)
B75-487, Sec. IV, Alum. Assn. (9/24)
B75-488, Sec. IV, Nutrition & Fd. Sc. (9/24)
B75-492, Sec. IV, Res. Lab of Elec. (9/24)

SPONS. RES. STAFF:

D75-8, Biophysicist, Nat. Magnet Lab. (6/25)
D75-48, Economist, Energy Lab. (6/25)
75-70, Electrical Engineer, Lab. for Nuc. Sc. (6/25)
D75-106, postdoc. res., Lab for Nuc. Sc. (6/25)
D75-107, postdoc. res., Lab for Nuc. Sc. (6/25)
D75-109, Medical Technologist/Technician, Clin. Res. Cntr. (9/17)
D75-111, Programmer, Artificial Intell. Lab. (6/25)
D75-112, Engineer, Energy Lab (6/25)
D75-120, Systems programmer, Lab for Nuc. Sc. (7/23)
D75-124, Energy conversion, Energy Lab (8/6)
D75-125, energy modeling, Energy Lab (8/6)
D75-126, postdoc res., Energy Lab (8/6)
D75-127, postdoc. res., Energy Lab (8/6)
D75-129, Proj. Mngr., Cntr. for Trans. St. (8/20)
D75-131, independent research. Cntr. for Cancer Res. (8/20)
D75-134, nuclear medicine, Nuc. ENg. (8/20)
D75-138, programmer, Proj. MAC (9/3)
B75-143, plasma physicist, Cent. for Space Res. (9/3)
D75-147, Proj. Engineer, Hlth. Sc. & Tech. (9/3)

Personnel Development Outlines Programs

By ADAM AND MAUREEN YAGODKA
Co-directors of Personnel Development

A variety of programs and services are currently offered by the Office of Personnel Development to MIT departments, work units, and personnel.

In the past year, nine communications workshops have been presented to community-wide, departmental and work unit groups in which approximately 200 MIT faculty, staff and non-staff employees have participated. Workshops, sponsored by departments and intact work units, have been held in Electrical Engineering and Computer Science, Libraries, Medical and Information Processing Services. Currently, OPD's workshop activities involve three different intact work unit groups ranging in size from 10 to 30 members.

Each workshop is flexibly designed to meet the particular needs of a group. The general goal of a workshop is to improve work group effectiveness through development of the skills required to promote interpersonal communication and personal

growth. If this goal is achieved, a healthy work climate and improved productivity and quality of service can result.

Workshops for departments and smaller work units may be requested by department heads or by managers of smaller intact work units. Planning of workshop design may be accomplished through departmental-appointed steering committees in a series of meetings with our Office.

Other programs and services provided by OPD include Tuition Assistance, the Administrative Development Program, Orientation for new employees, organizational problem solving and consultation, and a limited program of clerical skills training.

Clerical skills training has been offered on campus for several years and at Lincoln Laboratory for less than a full year. The Lincoln Lab program, as originally designed, will continue this year. On-campus activity will be reduced to the extent that we will encourage and assist employees in the use of the Tuition Assistance Plan to meet their needs where possible. Courses will not be offered on a regular basis.

However, when full classes are assured, they will be held periodically for those individuals whose needs cannot be met through Tuition Assistance.

Our staff continues to include part-time instructors in technical typing, shorthand, and typing. Because technical typing is not presently offered in the Boston area schools, we will continue to teach technical typing when a sufficient number of people have expressed interest in the course. A class is now being scheduled for employees who had previously indicated their interest in a technical typing course. For additional information, call Priscilla Mead, Irene Dhosi, or Pam Blakely on x3-4277 or x3-1676.

We are now considering new suggestions for programs to further career development opportunities for employees, using input from members of the Working Group on Office Clerical Issues and others. We are also beginning to design the curriculum for a Supervisory Training Program. We welcome comments and ideas about MIT's training and development needs from members of the community.

8,000 Questions

Institute Tours Show Popularity Gain

Nearly 2,250 people toured MIT this summer on regular and special tours arranged by the Information Center—an increase of 20 percent over the summer of 1974.

And the new Visitors Information Booth, staffed by two students, fielded questions from more than 8,000 visitors from June through August. Questions beginning with the word "Where?" were the most numerous, thanks to 1,734 persons who asked for directions to the Admissions Office, MIT libraries, and specific buildings and laboratories. Another 1,412 requests were for

MIT catalogues, maps, copies of *Tech Talk* and other campus publications.

Tour guides Vincent W. James, a sophomore from the Bronx, N.Y., and Paul T. Bishop, a sophomore from Tigard, Ohio, reported that many visitors wanted "something more"—often a chance to participate in laboratory demonstrations where "science was happening." During August, visitor numbers tripled from the beginning of summer. Most visitors who registered for tours were high school students and their parents. Others included participants in the MIT Summer Session and their families, visitors from foreign countries, as well as a number of MIT employees, faculty and staff, according to Mary Morrissey, director of the MIT Information Center.

All were asked whether the national Bicentennial celebration played a role in shaping their decisions to visit Boston, and nearly all said "no." Several added that they had come "in spite of" the Bicentennial.

Geographical areas that sent the most visitors were the Northeast and foreign nations, with the Midwestern States not far behind. Prospective MIT students made up 35 percent of all visitors, while alumni representation was 5.6 percent.

As in the past, Dr. Harold E. Edgerton's stroboscopic laboratory seemed to leave the greatest impression on visitors. The most thoroughly

answered question on the visitor's survey distributed this summer was "What kinds of things come to mind when you think of MIT?"

Responses ranged from "quality education" to "brains," "research," "slide rules in back pockets," "computers," "genius," "physics," and "money." A native of Pennsylvania said he still thinks of the world's largest yo-yo when he thinks of MIT, referring to the 1974 Independent Activities Project supervised by Professor James H. Williams.

Boston Tours

The Undergraduate Urban Studies Program is sponsoring a weekly series of trips to acquaint students with various aspects of Boston. Next trip, Oct. 5, will be to the Museum of Fine Arts for the exhibit "Paul Revere's Boston." If interested, meet at the Museum at 10am. Call x3-4409 or drop by Room 7-335 to learn more about this and other excursions.

ADB Applications

The Activities Development Board is presently receiving applications for capital equipment funding for student and community activities until Monday, Oct. 6. Applications may be secured from Dean Robert Holden's office in Room 7-101.

Mech. Engineering Names New Administrative Officer

William J. Westcott, Administrative Assistant in the Electrical Engineering Department at MIT since December, 1972, has been appointed Administrative Officer of the MIT Department of Mechanical Engineering effective Oct. 1.

Mr. Westcott will manage the budget, personnel and space and assist in development and implementation of academic and research related departmental policy. Announcement of the appointment was made by Professor Herbert H. Richardson, head of the Department of Mechanical Engineering. Professor Richardson said Mr. Westcott brings to the position a wide range of management and accounting experience at MIT and at the Charles S. Draper Laboratory.



Mr. Westcott attended Curry College and received an Associate's degree in marketing, advertising and accounting from Bryant & Strat-

ton in 1964. He is currently a candidate for the Bachelor's degree in management at Northeastern University and is a member of the Administrative Development Program at MIT.

He joined the MIT Comptroller's Payroll Office in 1964. In 1966 he transferred to the MIT Draper Laboratory where his duties involved preparation and monitoring of budgets and agencies. In 1968 he became a subcontract administrator in charge of the Draper Laboratory closeout section responsible for insuring the successful completion of all cost reimbursement subcontracts. Since 1972 Mr. Westcott has been Administrative Assistant to the Administrative Officer of the Electrical Engineering Department where he assisted in the management of the budgetary and business affairs of that department.

Mr. Westcott's interests include gardening and competitive pistol shooting; he belongs to the MIT Pistol and Rifle Club and was a member of the Massachusetts State Civilian Pistol Team which competed in the National Championships at Camp Perry, Ohio, last August. He resides in West Somerville, Mass.