



TOPPED WITH A TREE—Dr. Phillip Sharp, head of the Department of Biology, watches as the new biology building is "topped off" with a beam carrying the traditional tree and flag. Photo by Donna Coveney

BLACK HISTORY MONTH

Malcolm X Talk Is Today at Noon

One of the country's leading authorities on the life and legacy of Malcolm X will speak at MIT at noon today (Wednesday, Feb. 3) in Rm 4-153.

He is Professor Abdul Alkalimat, the key figure in organizing the 1990

conference in New York City, "Malcolm X: Radical Tradition and Legacy of Struggle." The event, co-sponsored by the Office of Minority Education, the Technology and Culture Seminar, the Undergraduate Academic Affairs Office and the Office of the Associate

Provost, is part of the observance of Black History Month at MIT.

Professor Alkalimat obtained a PhD in sociology from the University of Chicago, the city in which he grew up. He has taught at Fisk University, Spelman College and the University of Illinois. Last fall he was Visiting Professor of African American Studies at Northeastern University.

In the 1960s he was active in the Student Non-violent Coordinating Committee and began to focus on the historical importance of the life of Malcolm X. This focus culminated in the 1990 conference in New York, attended by scholars from 20 states and 15 countries.

Professor Alkalimat is senior author of *Introduction to African-American Studies* and author of *Malcolm X for Beginners*. He was a founding board member of Black Scholar and serves as senior editor of 21st Century Books in Chicago, a publisher specializing in African American studies.

The decision to invite a speaker on Malcolm X came out of discussions in Professor Jonathan A. King's Freshman Seminar, "Process of Change."

50 to Speak at AAAS

More than 50 MIT scientists, including President Charles M. Vest, have been invited to give talks next week at this year's meeting of the American Association for the Advancement of Science.

The meeting, which is in Boston, will feature two workshops, four seminars, and 23 symposia. Symposia topics range from Future Chemistry to Measuring the Matter and Energy of the Universe to Perspectives on Human Genetics.

President Vest will give a talk on Sunday, Feb. 14, at 1:15pm on research cooperation among universities, government, and industry. Provost Mark S. Wrighton will also

speak; the title of his talk, to be given February 14 at 2:30pm, is "Self-Assembly of Molecular Reagents onto Microelectrodes: Toward Molecular Electronics."

In addition, Professor Eric Lander of biology will give an Award Lecture on Saturday, Feb. 13, from 7-8pm. The title of his talk is "Unraveling Complex Inheritance."

Professor Judith Tegger Kildow of ocean engineering helped organize the meeting as one of 14 members of the program committee.

More than 1,000 scientists will give talks at the AAAS meeting, which will run from Thursday, Feb. 11, through Tuesday, Feb. 16.

SEPTEMBER '93

World Industry Summit To Be Held at MIT

The World Economic Forum and MIT announced Saturday that industry, government and academic leaders will participate in a four-day Industry Summit September 9-12 in Cambridge.

MIT and 30 of its faculty members, headed by Professor Fred Moavenzadeh, Macomber Professor of Civil and Environmental Engineering, will help plan and organize the program for about 600 top leaders involved in 11 key industries across America and around the world.

The Industry Summit of the World Economic Forum is to be held in partnership with MIT, with the collaboration of Harvard University. It will involve activities on both campuses.

The World Economic Forum currently has nine forums focused on specific industry sectors: automotive, energy, engineering and construction, financial services, food and agriculture,

health, information technologies, media and communications, and textiles. Two more are being organized for the Industry Summit: on transportation and on mining, metals, and materials.

"Increasingly, the security of nations will depend on economic rather than military strength," MIT President Charles M. Vest said at a news conference at the World Economic Forum Annual Meeting in Davos, Switzerland. "The cold war has ended. Business is truly global. Economic rivalry among nations has intensified. But we are interconnected as never before."

"In this era of rapid technological, economic, environmental and social change, it is crucially important that we cooperate on the global economic and environmental challenges ahead of us. If we are to succeed, I believe that industries, nations and universities will have to form new alliances across the

(continued on page 4)

AMONG 20

Four MIT Scientists Are Honored by NAS

The National Academy of Sciences will give former MIT President Jerome B. Wiesner its highest honor this year and will also present awards to three others from MIT, it announced today.

The award recipients from MIT are among 20 persons who will be honored for outstanding contributions to science at a ceremony in Washington, DC, on April 26 during the Academy's 130th annual meeting.

The other MIT award recipients are:



Wiesner



Kim



Pinker

● Dr. Peter S. Kim, associate professor of biology, assistant investigator of the Howard Hughes Medical Institute and member of the Whitehead Institute for Biomedical Research.

● Dr. Steven Pinker, professor of psychology in the Department of Brain and Cognitive Sciences and codirector of the Center for Cognitive Sciences.

● Dr. Boris Magasanik, Jacques Monod Professor of Microbiology, Emeritus, and senior lecturer in the Department of Biology.

The foremost National Academy of Sciences Public Welfare Medal goes to Dr. Wiesner, emeritus President and Institute Professor and former presidential science adviser, "for his devoted and successful efforts in science policy, education, and nuclear disarmament and world peace." The award, which consists of a bronze medal, was



Magasanik

established in 1914 to honor "distinguished contribution in the application of science to the public welfare." Previous recipients include Vannevar Bush, former MIT professor, vice president, dean of engineering and Corporation chairman.

Dr. Kim receives the National Academy of Sciences Award in Molecular Biology, consisting of a gold medal and \$20,000, for recent notable discovery in molecular biology by a young

(continued on page 4)

MLK Scholar



Dr. Vincent Harding, MIT's third Martin Luther King Visiting Scholar, will speak at an urban studies seminar Thursday, Feb. 4, at 5pm in Rm 7-335. He is also scheduled to meet with the MIT Community Fellows on Friday and to speak at a luncheon with the MIT minority community Saturday where he will discuss the theme of this year's observance, "Where Do We Go From Here: Chaos or Community." Dr. Harding is professor of religion at the Iliff School of Theology at the University of Denver.

Student Notices

* -Open to public
 ** -Open to MIT community only
 *** -Open to members only

ANNOUNCEMENTS

VI-A Orientation Lecture**—Feb 3: All Course VI Sophomores interested in applying for the EECS Department's VI-A Internship Program should attend. 3pm, Rm 34-101.

VI-A Student Open House**—Feb 10: Meet current VI-A students, learn inside information on VI-A companies. All student affair, informal, refreshments. 2:30-4pm, Rm 34-401.

Career Services and Preprofessional Advising Recruitment Presentations**—Feb 3: *Vitesse Semiconductor Corporation*, 6-8pm, Rm 4-149. *J.P. Morgan*, 7-9pm, Rm 4-163. Feb 4: *TASC*, 6-8pm, Rm 4-159. *Lotus Development Corporation*, 7-9pm, Rm 4-153. *American Management Systems, Inc.*, 7-9pm, Rm 4-149. Feb 9: *BDM International, Inc.*, 6-8pm, Rm 4-149. *General Electric*, 7-9pm, Rm 4-163. *E-Systems*, 7-8pm, Rm 4-153. Feb 10: *Andersen Consulting*, 5-7pm, Rm 4-149. Feb 11: *Astro Gama*, 3-5pm, Student Center West Lounge (2nd fl.). *Goldman Sachs*, 6-8pm, Rm 4-153. *Acuson*, 7-9pm, Rm 4-159. *National Semiconductor*, 7-9pm, Rm 4-149.

A Safe Ride**—Call 253-2997 for a free ride within MIT boundaries. Service operates Sun-Wed 6pm-3am; Thurs-Sat 6pm-4am. Guide to shuttle stops available.

Free Museum of Science Admission for MIT Students—With MIT student ID, provided by Mass Beta chapter of Tau Beta Pi, the National Engineering Honor Society. Reduced admission to special exhibits.

The Furniture Exchange at MIT**—New hours and location: Tues/Wed/Thu, 10am-4pm, Bldg WW15, 350 Brookline St.

Language Conversation Exchange**—Internationals and Americans are invited to participate in this program which matches persons interested in practicing a language and getting to know someone from another country. Presently, there is a need for English partners to fill continued requests of internationals wanting to practice and improve their English. Native Russian, German, Swedish, Arabic, Swahili, Thai and especially Italian speakers also needed for English speakers wanting to practice these languages. Sponsored by the Wives' Group, call x3-1614 for more information.

Arts Hotline—Recorded information on all art events at MIT may be obtained by dialing x3-ARTS. Material is updated every Monday morning.

RELIGIOUS ACTIVITIES

The Chapel is open for private meditation 7am-11pm daily.

Baptist Student Fellowship at MIT**—Meet for supper on Tuesdays at 5:15pm at 312 Memorial Drive, then move to the chapel across the street for worship at 6pm. Call x3-2328 for more information.

Morning Bible Studies**—Fri, 7:30-8:30am, L-217. Ed Bayliss, x3456 Linc.

Tech Catholic Community**—Student Programs, weekly masses Tues & Thurs 5:05pm, Friday 12:05pm, Saturday 5pm, Sunday 10am & 5pm. Call x3-2981.

Graduate Christian Fellowship**—We invite you to join us. Open to believers and seekers, GCF is a group of graduate students, faculty, and staff who desire to know God better and reflect the love and presence of Jesus Christ. Weekly meetings in Student Center, DR 1&2, Thursdays at 6pm. We also have Bible studies and a Faith & Technology Roundtable. Info: Andrew Parris x3-2319.

Christian Science Organization**—Meets Thursdays at 7:30pm in the Chapel. We'll share thoughts about God, hear testimonies of Christian healing and read from the Bible. All are welcome! Call x3-8797 or <lnorford@eagle.mit.edu> for further information.

MIT Hillel*—Feb 3: Israeli Folk Dance, 7:30pm, Lobby 13. Jewish Minstrel Study Break, 8:30pm, East Campus. Feb 4: Jewish Minstrel Study Breaks, 9pm at Baker, 10pm at New House. Feb 5: Conservative and Orthodox Services, 5:30pm, Walker 50-010. Shabbat Dinner, 6:30pm, Walker Blue Rm. Tu B'Shvat Celebration/Seder, 8:30pm, Walker Blue Rm. Feb 6: Tu B'Shvat, Shabbat Shirah, Parshat Beshalah. Orthodox Shabbat Services, 9am, Walker 50-010. Feb 7: Bagel Brunch & open discussion w/new board, 12pm, Student Ctr Mezzanine Lounge. Jewish Women's Group, 5-7pm, Rm 14E-304. Feb 8: Hillel Executive Committee Mtg, 8pm, Hillel. Undergraduate Seminar: "Intro to Rabbinic Literature," Rabbi Shevitz, 7-9pm. Feb 10: Beginner's night at Israeli Folk Dancing, 7:30pm, Sala de Puerto Rico. Feb 12: Conservative and Orthodox Shabbat Services, 5:45pm, Rm 500-010. Shabbat Dinner, 6:30pm, Walker Blue Rm (reserv by Thurs, x3-2987). More info: x3-2982.

MIT Korean Baptist Student Koinonia (KBSK)**—Friday Night Bible Study and Fellowship 7-8:30pm, Private Dining Room #3, 3rd floor of Student Center. Everyone is welcome, refreshments provided. For more information contact Chris Pak x3-9342 or 876-8594.

Lutheran-Episcopal Ministry at MIT**—Wednesday worship, 5:10pm, MIT Chapel, followed by supper and conversation across the street at 312 Memorial Drive. Contact Rev. Susan P. Thomas x3-2325 or Rev. Scott Paradise x3-2983.

Lincoln Laboratory Noon Bible Studies*—Tues & Thurs, Kiln Brook III, Rm 239. Annie Lescard, x2899 Linc.

MIT Muslim Students Association*—5 daily prayers in the prayer room, Ashdown House (Bldg W-1) west bsmt. Friday congregation: 1:10-1:45pm in Ashdown House (Bldg W-1) west bsmt. Info: x8-9755.

MIT Orthodox Christian Fellowship**—Meets every Wednesday at 5:30pm in Private Dining Rm #1 in the Student Ctr for dinner/fellowship/discussion followed by Vespers (evening prayer) in the MIT Chapel. Open to Eastern Orthodox Christians and those interested in learning about traditional Christian Faith. Info: Mike Decerbo, Dorm x5-7569.

MIT Vedanta Society*—Meditation and discourse on the Bhagavad Gita with Swami Sarvagatananda, MIT Religious Counselor and

Head, Ramakrishna Vedanta Society of Boston, every Friday at 5:15pm in the MIT Chapel.

OPPORTUNITIES

Research Residency Opportunities in the Baltics and Eurasia. The International Research and Exchanges Board (IREX) will award research residencies to promising scholars for independent research projects in the Baltics and the Soviet successor states (including the Ural, Siberian, and Far East regions of Russia). Eligibility requirements include US citizenship or permanent residency, a PhD or equivalent professional degree, a research proposal in the humanities or social sciences encompassing particular states/regions, and command of a host-country language sufficient for research. The award is \$25,000. For application materials, write or call Adrienne Poulton, IREX, 1616 H St., NW, Washington, DC 20006. Phone: 202-628-8188. Application deadline: Feb 15.

Kawamura Summer Fellowship Program. Kawamura Electric Industrial Co. Ltd., a mid-sized manufacturer of electrical equipment in Nagoya, Japan, invites four students in their junior or senior year to spend the month of July in Nagoya and travel to Tokyo and Kyoto. The program is designed to promote cultural exchange. All costs for travel, accommodation and related activities are borne by the sponsor, and a stipend is provided. Ability to speak Japanese is not required. For further information contact: Bonny Hafner, Foreign Study Advisor, Rm 12-185. Deadline: Feb 19.

Support for Special Projects in Library and Information Science with Central and Eastern Europe and Eurasia. The International Research and Exchanges Board (IREX) is providing opportunities for support of librarians, archivists and information specialists pursuing projects relating to Central and Eastern Europe and Eurasia. Further information and proposal guidelines are available at the International Scholars Office, Rm 4-105, or by writing or calling Ms. Carol A. Erickson, Special Library and Information Projects, IREX, 1616 H St., NW, Washington, DC 20006. Phone: 202-628-8188. Deadline for receipt of proposals: Mar 1.

Support for Special Projects in the Study of Central and Eastern Europe and Eurasia. The International Research and Exchanges Board (IREX) is providing opportunities for support of collaborative Special Projects in the study of Central and Eastern Europe, Mongolia, and the successor states of the former Soviet Union. Proposals from all disciplines in the humanities and social sciences are welcome. All projects must involve Americans and foreign participants from the above regions. Further information and proposal guidelines are available at the International Scholars Office, Rm 4-105, or by writing or calling Special Projects, IREX, 1616 H St., NW, Washington, DC 20006. Phone: 202-628-8188. Deadline for receipt of proposals: Mar 1.

Aga Khan Program 1993 Summer Travel Grant. A limited number of summer travel grants will be offered to graduate students at MIT and Harvard University. Grants are available for four types of projects or activities: 1) thesis research; 2) individual research projects; 3) Pakistan design studio and construction workshop, and 4) internships in Jordan and Pakistan. Must be currently enrolled graduate students planning to register in fall of 1993. For complete application guidelines contact: The Aga Khan Program for Islamic Architecture, Rm 10-390, x3-1400. Deadline: Mar 1.

INTERNATIONAL

MIT Language Conversation Exchange**—This service assists members of the MIT community to practice a language with a native speaker and get to know someone from another country. Call x3-1614 for more information.

MIT-Japan Program. A unique opportunity for MIT science, technology and management students to spend a year in Japan working at a major Japanese company or laboratory. Training, placement, travel and living expenses are covered by the Program. Call Patricia Gercik x3-3142, Rm E38-754.

STUDENT JOBS

There are more job listings available at the Student Employment Office, Rm 5-119. The Student Employment Office has many "one time only" jobs. Many students find these jobs a good way to earn money fast.

Off Campus, Non-Technical. Tutors are needed to help high school student prepare for the SATs. Prefer people who scored a 1360 or better. Hours: flexible, 4-8 hrs/wk. Contact: Kapil Mohindra, 352-5362.

Off Campus, Non-Technical. SPSS tutoring needed. This position will last roughly three months. 1-2 hrs/wk. Contacts: Wyn Sachs, 497-7195.

On Campus, Non-Technical. A student is needed to perform clerical duties. Will file and do word processing (using a Macintosh with Microsoft Word, Filemaker, and Excel). Will answer questions and provide information on the phone and in person to customers and staff. Will also make deliveries campus-wide and work on other projects as needed. Must have a pleasant phone manner and excellent

customer service background. Experience with both IBM and Macintosh desired. Prefer sophomore. Salary \$6. Hours: Tues, Wed., and Thurs. 12-3pm. Contact: Ellen Schemerhorn, x3-3913, Rm W20-500.

VOLUNTEERS

The MIT Public Service Center has compiled the following volunteer opportunities.

Central Boston Elder Services. Volunteer to visit homebound elders, or to assist them by running errands. Activities and hours are flexible. The organization usually can match students with someone near their area. Clients' homes are accessible by T. Contact: Lorraine Refour at 277-7416, x420.

MIT Hunger Action Group. Hunger Action Group needs volunteer drivers to drive left-over food from MIT dining halls to shelters in Cambridge. Only a half-hour commitment for a driver one night a week (around 8 pm). HAG also invites you to come to their meetings: Tuesdays, 7 pm, at PDR 3 (3rd Fl. Student Ctr.). Contact: Mehran Islam at 225-8721 or <hag@athena>.

The Wilderness Society. The Wilderness Society, a national conservation organization, has a volunteer internship available in their Boston office, beginning Jan. or June 1993 (may be flexible), part- or full-time. Excellent written and verbal communication skills and ability to work with minimal supervision are important. Experience with other environmental or non-profit organizations and with IBM compatible computers would be helpful. Send a resume and a writing sample to Kelly Zajechowski, The Wilderness Society, 20 Park Plaza, Suite 535, Boston, MA, 02116, or call for more information. Contact: Kelly Zajechowski at 350-8866.

UROP

The UROP Office invites MIT and Wellesley students to join with faculty members to pursue research projects of mutual appeal. For detailed information on procedures, please read the participation section of the UROP 1992-93 Directory, available in the Academic Affairs Offices, 7-104 and 20B-140.

Spring Guidelines and information are now available. Spring and IAP/Spring proposals for direct UROP funding will be accepted on a rolling basis starting January 15, 1993. Please watch for pertinent information on the UROP bulletin boards in the infinite corridor near 3-103, in the UROP office, 20B-140 and in Tech Talk.

Faculty supervisors wishing to have projects listed may send brief descriptions to 20B-140, call x3-7306, or email to <urop@athena>.

Transport of Macromolecules in the Arterial Wall. We are investigating the transport of proteins in the aortic wall of albino rabbits, with an emphasis on the structure and behavior of focal high permeability sites. These sites may be starting points for the development of atherosclerotic plaques. The mechanisms of macromolecular permeability in these sites are explored using labeled BSA, ferritin, or LDL tracers, which may be detected in tissue specimens by means of light, fluorescence, or electron microscopy. The project will involve labeling a protein with biotin, characterizing the resulting tracer, and localizing the labeled protein in tissue samples obtained from in vitro experiments. The student will be primarily responsible for physicochemical characterization of labeled tracers, assisting with rabbit surgery, tissue staining and data analysis. Some laboratory experience necessary; Course 5.7, or 10 preferred. We are looking for a conscientious and highly motivated student who is capable of working independently once trained. You must be willing to accommodate the in vitro studies. This project is likely to continue into the summer term; minimum time commitment for the spring term is 10-15 hrs/wk. Faculty supervisor: Prof. Clark K. Colton, Rm 66-452, x3-4585. Contact: Susan Lessner, x3-6489.

Digital Image Analysis in Biomedical Engineering. UROP position available in image analysis of cells to obtain data important for tissue regeneration. Project will focus on developing algorithms for measuring cell speed from stored time lapse microscopic images. Experimental work with cells is optional. Students of any academic background with proficiency in computers/programming may apply. Faculty supervisor: Linda Cima, Rm 66-556, x3-0013. Contact: Mark Powers, Rm E25-533, x3-7115.

Center for Technology Policy and Industrial Development. The MIT program on Digital Open High Resolution Systems seeks to fill two positions beginning as soon as possible and extending through the Spring term with the possibility for extension into the summer. The Digital Information Infrastructure Guide (DILG) is a guide to facilitate the development of a national information infrastructure. Our goal is to produce a multifaceted directory to the technologies, applications and services being developed for tomorrow's information infrastructure and to model the economic and policy relationships between the stakeholders. In particular, students must research the relevant technologies and must analyze how best to capture, process and display that information. Qualified students should be prepared

to work independently and have extensive library research skills. Moreover, relational databases, hypertext, geographical information systems and groupware are among the areas to be investigated. Students with experience in any of these technologies or with the academic preparation to understand how these technologies are implemented would be preferred. Faculty supervisor: Dr. Lee McKnight, Rm E40-218, x3-0995. Contact: Thomas Lee, x3-6828, <tleec@farnsworth.mit.edu>.

Telecommunications Network Design. As modern telecommunication networks are becoming fiber-optic based, network survivability (i.e. the ability to communicate in the face of equipment failure) has increased in importance. The goal of the project is to implement "good" algorithms for the design of reliable telecommunication networks. Requirements: Knowledge of linear programming, an ability to write good code C, knowledge of data structures, a course in algorithms would be helpful. Faculty advisor: Prof. T.L. Magnati, Rm E40-439, x3-6604. Contact: S. Raghavan, Operations Research Center, Rm E40-139, x3-6185, <raghavan@mit.edu>.

Child Language Acquisition Project. We are looking for a student to join our language acquisition team. We have several projects underway. We need help in transcribing audio tapes and analyzing data from a recent experiment investigating children's negative questions. Experience with Word on the Mac would be helpful for this project. We will also need help testing 4-yr-old children in daycare centers. Testing at the daycare takes place in the morning, so one or two totally free mornings are essential. It would also be helpful to have your own transportation, but you can get there by bus. Faculty advisor: Prof. Kenneth Wexler, Rm E10-020, x3-5797. Contact: Rosalind Thornton, Rm E10-246, x3-7957 or 203-974-2063 and leave a message. Email: <thornton@psyche>.

UROP Experience. Two students are needed to develop a fuzzy logic analysis software. Experience in C is essential. Knowledge of C++ and Microsoft windows is helpful. Faculty advisor: Prof. Thomas Sheridan, Rm 3-346, x3-2228. Contact: Ms. Jie Ren, Rm 3-347, x3-2256.

CABLE

Frequent schedule updates now appear on TechInfo. For more information about cable at MIT, call Randy Winchester at x3-7431, Room 9-050, e-mail: <randy@mit.edu>, <tv-messages@mit.edu>, x3-9383, E19-722E.

Feb 3: Channel 8: 9:30am—IBM Field Television Network: "RISC System/6000: Customer Update." 11:30am—IBM Field Television Network: "RISC System/6000: Customer Update." Channel 10: Physics 8.02 Help Session with Prof Walter Lewin. This program will repeat until Thursday, February 4, 5pm.

Feb 4: Channel 10: Physics 8.02 Help Session with Prof Walter Lewin. This program will repeat until 5pm.

MIT TECH TALK

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Crimewatch

The following incidents were reported to the MIT Campus Police Department between January 21-27:

Jan 21: Bldg: E25: suspicious activity; Faculty Club: wallet stolen, \$20.

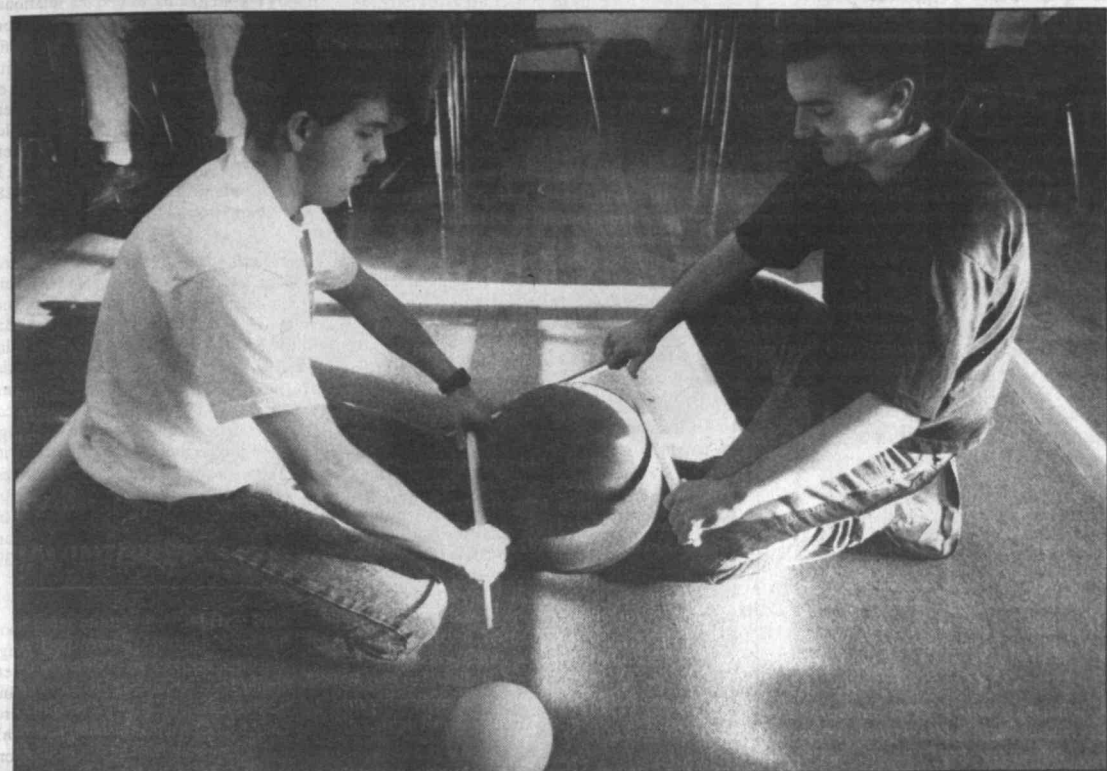
Jan 22: Bldg. 66: hard disk stolen, \$3,600; Bldg. 13: 1) calculator stolen, \$100; 2) Walkman stolen, \$25; Alumni Pool: tools stolen, \$100; Bldg E52: MBTA pass stolen, \$46; Bldg W51: malicious destruction to a motor vehicle; Memorial Drive: stolen motor vehicle reported to State Police was a '80 Oldsmobile Delta 88.

Jan 23: Bldg 50: report of vandalism.

Jan 24: Westgate: a plastic wastebasket left on stovetop caught fire and was extinguished; Bldg W32: wallet stolen from jacket left unattended, \$25; Haywood Lot: breaking and entering/larceny from a motor vehicle, CDs and phone, \$750.

Jan 25: Bldg 16: wallet stolen, \$50; Alumni Pool: watch stolen, \$200; Bldg. 37: fire, epoxy container caught fire and was extinguished, building evacuated; Bldg E53: radio stolen, \$20.

Jan 26: PIKA: breaking and entering, compact disc player and cash stolen, \$190; Bldg 24: mailroom employee recovered stolen wallet, cash and MBTA pass still missing; Sloan Lot: counterfeit parking stickers, under investigation; Bldg W20: \$27 cash stolen; West Garage: attempted larceny of motor vehicle, '90 Dodge Shadow.



TEAM EFFORT— MIT junior John Feland, left, works at Boston Latin High School with Boston Latin senior Chris Guffey, one of several Boston Latin students participating in the US First Competition, a design-and-build challenge that pits high school teams in a competition February 25-27 in Nashua, NH. The challenge this year is to build a soccer-playing machine. The contest, which has extensive industry support, is intended to attract high school students to science and technology and involve them with college students who act as advisers.

Photo by Donna Coveney

WRITERS & EDITORS

Knight Program Plans Conference

The Knight Science Journalism Fellows program will take advantage of the forthcoming AAAS meeting in Boston to stage a reunion and conference at MIT on Wednesday, Feb. 10, the day before the big conference opens.

In the morning participants will discuss with authors the challenges of getting and telling stories. In the afternoon session, with a panel of editors, the topic will be the market for those stories. The shorthand title for the day is "Telling and Selling."

Panelists for the morning session at 9am in Rm 9-150 will be:

Alan Lightman, astronomer and head of MIT's Program in Writing and Humanistic Studies and author of the new novel, *Einstein's Dreams*.

Michael Parfit of Arlee, MT, author

of *South Light* about Antarctica and a frequent contributor to Smithsonian and the National Geographic.

Richard Preston of Princeton, NJ, author of *American Steel*, serialized in *The New Yorker*, and two recent pieces in that magazine, "The Mountains of Pi" about the mathematician Chudnovsky brothers (March 2, 1992), which won a 1992 AAAS-Westinghouse award, and "Crisis in the Hot Zone" (October 26, 1992) about viruses.

Don Lessem, 1987-88 Fellow, author of *Kings of Creation*, and founder of the Dinosaur Society.

Marcia Bartusiak of Arlington, author of the forthcoming *Through a Universe Darkly*.

The afternoon session with editors

begins at 1:30pm in Rm 1-190 with these editors:

Warren Kornberg, editor for many years of *Mosaic*, the National Science Foundation quarterly.

Allen Hammond of the World Resources Institute, former editor of *Science* 80-86 and *Science Impact Letter*, and editor of the 1993 *Information Please Environmental Almanac*.

Patricia Thomas, 1986-87 Fellow and editor of the *Harvard Health Letter*.

Robert Henkel of CMP Publications in Manhasset, Long Island, and former editor of *Electronics* magazine and senior editor of *Business Week*.

The conference is open to the MIT community on a space-available basis and reservations are required. To reserve a space, call x3-2336.

Awards & Honors

Dr. Phillip A. Sharp, Salvador E. Luria Professor of Biology and head of the Department of Biology, received Villanova University's prestigious Mendel Medal at a celebration in observance of the university's 150th anniversary.

Professor Sharp, former director of MIT's Center for Cancer Research, was the 24th recipient of the award, established in 1929. It recalls the scientific achievements of the Rev. Gregor Johann Mendel, a 19th century teacher whose experiments with pea plants resulted in his discovery of the basic laws of heredity.

The Mendel Medal is awarded to scientists "who have done much by their painstaking work to advance the cause of science, and by the spirituality of their lives and their standing before the world as scientists, have given practical demonstration of the fact that between true science and true religion there is no real conflict."

The American Mathematical Society has presented its 1993 Award for Distinguished Public Service to Dr. Isadore M. Singer, Institute Professor and professor of mathematics.

It was given "in recognition of his outstanding contributions to his profession, to science more broadly, and to the public good." The citation

said he had brought "the best of mathematics and his own insights to bear" on the activities of the National Academy of Sciences; on committees of the National Research Council; on the President's Science Advisory Council; on decisions of Congress; "and on a host of critical situations over many years in which his wisdom and intervention helped gain a hearing for the problems of his community and the contributions it makes to the nation."

Another mathematician, Associate Professor EHUD HRUSHOVSKI, also was honored by his colleagues. He received the Carol Karp Prize for research in mathematical logic from the Association for Symbolic Logic. The award is given only every five years and is considered the highest honor of the association.

President Charles M. Vest has been elected to a six-year term on the Wellesley College Board of Trustees.

Dr. Benson R. Snyder, professor emeritus of psychiatry, has been re-elected to the board of directors of The Menninger Foundation.

Dr. Kenneth L. Hale, Ferrari P. Ward Professor of Modern Languages and Linguistics, has been elected vice-president and president-elect of the Linguistic Society of America.

The organization also announced two other appointments of faculty members from the Department of Linguistics and Philosophy. Dr. Wayne O'Neil, professor of linguistics and department head, is the 1994 Annual Meeting Local Arrangements chairperson, and Dr. Michael Kenstowicz, professor of linguistics, is a member of the Nominating Committee.

CAUSE, the association for managing and using information technology in higher education, has elected Marilyn A. McMillan, MIT's director of information systems planning, to its 13-member board of directors for a three-year term. Last year, the association's annual conference was attended by more than 1,400 information technology professionals who make the technology choices to best support decision making in colleges and universities.

Dr. Isabelle de Courtivron, professor of French studies and head of the Foreign Languages and Literatures Section, has been named an Officier dans l'Ordre des Palmes Académiques in honor of her activities in promoting French language and culture in the United States. The honor was bestowed on her by Jack Lang, French Minister of National Education and Culture.

INTERDISCIPLINARY

25 Students Named 1993 Burchard Scholars

Twenty-five sophomores and juniors have been selected as Burchard Scholars in the School of Humanities and Social Science for 1993.

The awards, named after the School's first dean, are given to students who demonstrate unusual abilities and academic excellence in the areas embraced by the School.

"They come from exciting and diverse backgrounds and are a wonderful group of gifted young scholars," Dean Philip S. Khoury said. Professor Khoury is cofounder of the Burchard Program and chairs the selection committee.

The Burchard Scholars and a rotating group of faculty will be invited to a series of dinners beginning this month at which an MIT faculty member, visiting scholar or Burchard Scholar will present work in progress for discussion. "This will allow students and faculty members to mix and will give students, especially, an opportunity to engage in the kind of intellectual exchange that characterizes scholarship in the humanities, arts and social sciences," Dean Khoury said. The emphasis throughout the program is interdisciplinary.

In addition to Professor Khoury, the selection committee members are Associate Dean Harriet Ritvo and Professors Isabelle de Courtivron (foreign languages and literatures), Peter Child (music and theater arts) and Charles Stewart (political science).

Burchard Scholars who are juniors are: Patrick C. Andrus (brain and cognitive sciences); Elizabeth B. Arentzen (architecture); Jonathan C. Bierce (physics); Jose L. Elizondo (electrical engineering and computer science); Madhavi Gupta (humanities and science).

Also Jennifer H. Hu (economics); Nicholas L. Kelman (brain and cognitive sciences); David J. Kessler (economics); Berdell Knowles Jr. (electrical engineering and computer science); Jennifer J. Lee (science, technology and society); Vanda W. Merriman (nuclear engineering).

Also Gargi A. Patel (electrical engineering and computer science); Mary E. Rhodes (chemistry); Guru Sivaraman (electrical engineering and computer science); Kwongyee Tan (electrical engineering and computer science), and Rebecca Widom (political science).

Sophomore Burchard Scholars are: Teresa A. Esser (writing and humanistic studies); Danielle C. Goodman (political science); Edward Hernandez (materials science and engineering); Frances A. Hsieh (management).

Also: Edward W. Kohler Jr. (mathematics); Howard W. Pan (electrical engineering and computer science); Eliot J. Quataert (physics); Agnieszka Reiss (electrical engineering and computer science), and Jay C. VanAntwerp (nuclear engineering).

REMINDER

Planning for Retirement

The Benefits office would like to remind anyone who is retiring on July 1 to contact the Benefits Office as soon as possible to begin to discuss benefit options.

Individuals (and their spouses) who will be age 65 or older by July 1, should contact the Social Security Administration office by April 1. Social Security benefits are not paid automatically and eligible individuals must apply in order for benefits to begin. Since processing an application takes time, it is recommended that interested individuals apply at least three months in advance. Most applications may be made over the telephone by calling 1-800-772-1213.

Enrollment in Medicare Parts A and B is automatic at the time application is made for Social Security benefits. The 1993 premium for Part B coverage is \$36.60 and is deducted from Social

security benefit checks each month. Individuals who have continued to work beyond their 65th birthday and who have waived Medicare Part B coverage because they were covered by one of MIT's health insurance plans, must obtain a special enrollment form from the Social Security Administration and then have the Benefits Office complete certain parts in order to enroll in Part B coverage at retirement and avoid the higher late enrollment penalty premium.

For more information about retirement options, campus employees should call the person listed below according to the first letter of their last name: A-E, Jeff Zeman, x3-0500; F-K, Kathleen Avison, x3-4276; L-Q, Ann Coakley, x3-0496, and R-Z, Nancy Miller, x3-4273. At Lincoln Laboratory, call Carol Ann Tranfaglia at 981-7060.

Intel Official to Discuss Computing

David L. House, senior vice president for corporate strategy at Intel Corporation, will discuss "The Future of Computing" at a Media Lab Symposium Thursday, Feb. 11, at 5pm in the Bartos Theater on the lower level of the Wiesner Building.

"The 1990s will see the computer evolve from a tool for individual productivity to a tool enabling cooperation among groups of people," Mr. House said. "The development of new human interface technology, rich data types like video email, more effective networks, and vastly more powerful hardware platforms will fuel this evolution."

"Using a new paradigm of personal computing, Computer Supported Collaboration, individuals will meet increasing demands for fast, effective communication," he continued.

A graduate of Michigan Technological University, Mr. House has a MS degree from Northeastern University. He has been affiliated with Intel since 1974 when he was appointed

manager of applications for memory components. Before assuming his present position he headed the architecture, marketing and applications group.

The symposium is open to the community and will be followed by a reception.

Erratum et Addendum

We misidentified a person in the caption for the photo of the reopening of the Furniture Exchange in last week's paper. The person in the center is Dee Ippen.

In the caption on page one, we failed to note that a dancer, Jonathan Clemons, is a senior office assistant in Physical Plant.

Finally, in the item about the epoxy smoke, the building should have been identified as the Center for Space Research.

Classified Ads

World Industry Summit

(continued from page 1) globe." He said the summit is an opportunity to "take a broad look at how the latest knowledge, trends, and technologies will affect global industry strategies."

In a separate interview, Dr. Vest said the summit "is also an opportunity for MIT to listen to world industry leaders, right here at MIT. To maintain the relevance of our educational and research programs in today's world, it is more important than ever that we actively work to keep in close touch with the concerns of the global industrial community."

Dr. Vest and Maria Livanos Cattai, managing director of the World Economic Forum, made the announcement in Davos, where about 1,300 top industrialists, government ministers (including 20 heads of state and government) and experts in science, academia, and the media met for six days of discussions.

Ms. Cattai said that "The Cambridge/Boston site is a logical one because of the extraordinary concentration of academic and industrial innovation in the area, and because of the enthusiasm of local and state governments and the local business community. The partnership with MIT brings together the global business network of the World Economic Forum with some of the best thinking in the world of science, technology and management."

The Republican Governor of Massachusetts, William F. Weld, and Democratic US Senator John F. Kerry of Massachusetts attended the announcement and expressed strong support. Gov. Weld commented, "In those industries which are expected to be the most prominent in the 21st century, Massachusetts has literally hundreds of companies within its borders. We think this is an environment fit for such a landmark forum as the first world Industry Summit." Weld added, "For many of the participants, the Industry Summit will be like old home week, as MIT and Harvard have been responsible for educating a remarkable portion of the world's economic leaders."

Sen. Kerry commented, "As a member of the US Senate Task Force on Economic Competitiveness, it's clear to me that America needs to increase its competitiveness. I hope this conference will also help develop solutions to industrial environmental challenges—solutions that at the same time create jobs and fuel economic growth," Sen. Kerry said.

The Industry Summit will be based

Crewel Classes

Priscilla Gray will teach crewel embroidery classes this spring beginning Tuesday, Feb. 23. The advanced class will meet 11:15am-12:30pm; the beginning class will meet 12:30-1:30pm. All classes will be held in the Emma Rogers Room (10-340).

Those interested should register in advance with Mrs. Gray at x3-0064; Muriel Petranic at x3-0637, or Alica Cromie at 625-2791.

1992 Honda Civic DX 4-dr, opal-green, exc cond, AM/FM/cass, digital clock, alarm sys, rust prf, air bag, anti-lock brake, must sell, moving overseas, \$10,000 or bst. Su x3-5120 or (508) 788-1382.

HOUSING

Arlington Ctr: 1BR completely furn condo, all fees, utils, linen, prkg, security, vw of Boston skyline & Spy Pond, \$925/mo. Bill x3-6249 or 769-4882.

Cambridge: modern condo, 3BR, 1.5b, LR, DR, hdwd flrs, fplc, balc, d/w, etc., quiet st, 5 blks to Hvd Sq, 5 min to MIT, deeded off-st prkg, \$175,000. Call x3-5879 or <davis@ai.mit.edu>.

Davis Sq, Somerville: 2BR condo, all mod equip & ht sys, cent a/c, 1.5b, lrg closet space, d/w, w/d hookups, fully encl porch, deeded prkg, exc loc, mins from T, shopping, \$132,900. Call 776-3311.

Maine: island house, water vw, htd, fully equipped, quarry swimming, wildflowers, birding, hiking, biking, spect ferry ride, spring, summer, fall, \$400/wk. Marie x3-3490 or 547-1311.

Maynard: 5 lrg rms, \$750; 2BR w/lrg LR, \$700;

on 11 parallel programs tailored to the particular technology and management interests of each industry sector.

Roughly half of participants' time will be spent in cross-industry discussions on the environment, manufacturing, and public policy; thematic workshops; and plenary sessions that bring together two or more industry groups to examine issues of broader concern.

A fundamental aim of the summit is to develop a common intellectual ground for a continuing dialogue on long-term strategic issues as well as on new models for action among industries, governments, and universities.

The World Economic Forum, founded in 1971, is a networking organization that brings together top decision-makers from business, government, and academia to encourage the exchange of ideas and the integration of perspectives on major global issues. Its constituents are primarily the chief and board-level executives of its 800 member companies from 50 countries.

Dr. Vest said "MIT faculty have developed highly successful methodologies for the in-depth, comprehensive study of industrial sectors by interdisciplinary teams. Industries studied during the past few years include automobiles, financial services, energy, and pharmaceuticals. In each of these sectors, and in others, groups of faculty and students are studying both new and mature technologies in the context of management challenges, the structure and markets, and the international policy and regulatory environments in which industrial firms operate."

These studies began with the 1986 appointment of the MIT Industrial Productivity Commission—16 senior faculty drawn from diverse fields of engineering, science, and management. They conducted a detailed two-year analysis of eight international industries, described in the highly acclaimed 1989 book, *Made in America: Regaining the Productive Edge*.

Another key innovation is MIT's Leaders for Manufacturing Program, an ongoing partnership launched in 1988 that has brought MIT together with 13 major US manufacturing firms to discover and translate into practice the principles that produce world-class manufacturing. In 1990, in another major study, the MIT International Motor Vehicle Program published its conclusions about "lean production" in the book, *The Machine That Changed the World*.

In 1991, MIT founded the Industrial Performance Center, an Institute-wide initiative in research and education which builds on the work summarized in *Made in America*.

Other recent influential books from MIT include *The Fifth Discipline: The Art and Practice of the Learning Organization*, by Peter Senge of the MIT Sloan School of Management, describing business organizations that will excel in the future; and *Head to Head: The Coming Economic Battle Among Japan, Europe and America*, by MIT Sloan School Dean Lester Thurow.

1BR, \$450; fridges incl, plus utils, no pets, prkg, avail 3/1. Sharon, Linc x0879 or (508) 897-4961.

St. Maartin: Dawn Beach, studio, enjoy priv beach, snorkeling, pool, tennis, more, June 20-26, June 27-July 3, use 1 or 2 wks or trade for another resort. Julie x3-1718 or 603-483-1029.

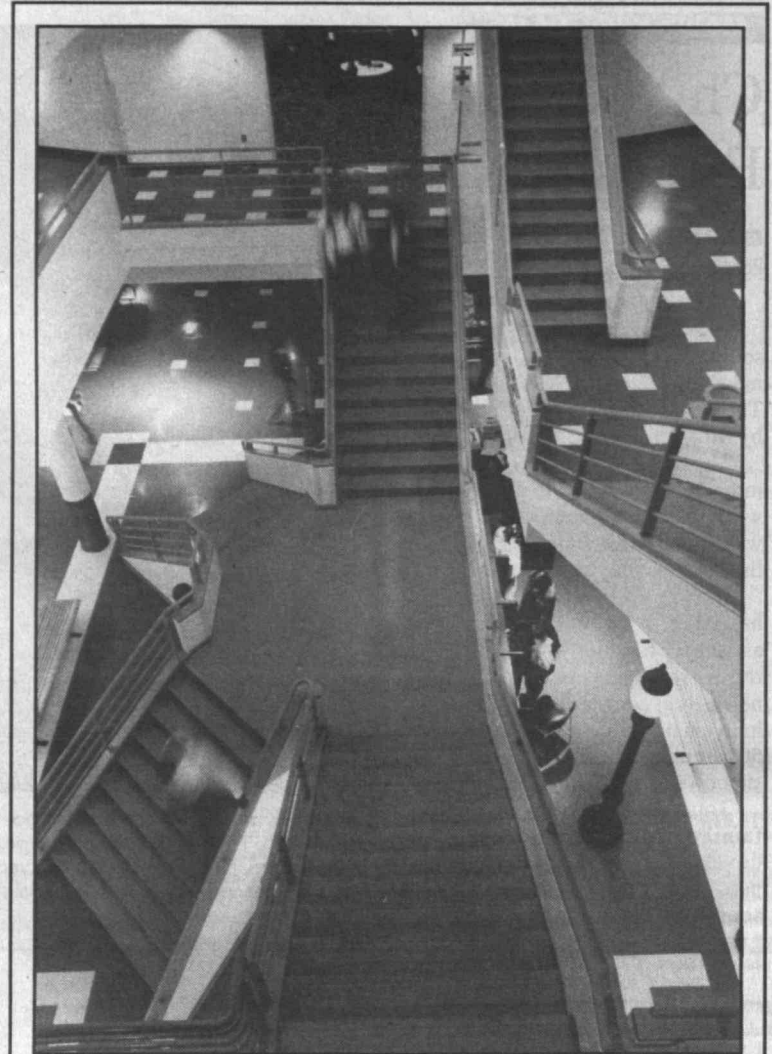
Watertown: furn rm in priv home, quiet, safe, TV, linens, all utils, shr ktchn/bath/laundry, nr T to Hvd Sq & MIT, prkg avail, non-smkr, avail now thru May, \$495/mo. Mrs. Wolf 484-6455.

WANTED

Need apt to share within 30 min of MIT by T, F grad student from Germany, here March-Aug, under \$400. Contact John x3-2617.

Oxford acad couple sks 2BR hse/apt in Camb area 6/93-8/93, will house-sit or exch 3BR hse in Oxford outskirts. Geoffrey Thomas 011-44-865-270376 or fax 270309 or Dean Shinagel 495-2930.

Remodeling? Will buy your used wood paneling (matchboard, tongue-&-groove, etc), need enough for perimeter of 13' sqm, 3-4' high, plan to paint, so finish not imp. Call x3-3834 or 662-9425.



MOVEMENT—People scurry around the student center.

Photo by Donna Coveney

Student Dies in Fall at BU

Festus Michael Moore, a junior in the Department of Electrical Engineering and Computer Science, was pronounced dead at Beth Israel Hospital shortly after midnight Saturday, Jan. 30, after a fall from the 15th floor of a Boston University building at 765 Commonwealth Ave., Boston.

The incident was reported by a BU custodian at the building known as the Law Tower. The custodian told police he heard something hit the ground as he was walking to his car about 11:55pm Friday, Jan. 29. The custodian turned and saw Mr. Moore's body.

Mr. Moore was taken to Beth Israel Hospital where he was pronounced dead at 12:25am January 30, MIT Campus Police said.

Mr. Moore, known to many at MIT as Fes-Mike, a combination of his first and middle names, was a 1990 graduate of the Bronx High School of Science. He was active in Scouting and had wide-ranging interests, including astronomy and constitutional law. He had taken courses in those fields at Manhattan College and Lehman College in New York City. At MIT, his first major was in aeronautics and astronautics. He switched to the electrical science and engineering curriculum of Course 6 with the start of this academic year. He had

many friends in Information Systems, where he was employed.

Mr. Moore was fluent in Spanish and lived in Spanish House. His home address was in the Bronx, NY.

He is survived by his mother, Mrs. Martha Anne Moore, and a brother, Eric, 16. Mr. Moore's father died several years ago.

MEMORIALS PLANNED

A memorial service in celebration of the life of Professor Emeritus Robert O. Preusser will be held Monday, Feb. 8, at 2pm in the MIT Chapel. Professor Preusser died on November 15.

A memorial service for Professor Emerita Phyllis A. Wallace will be held on Monday, Feb. 22, at 2pm in the Bartos Theater of the Wiesner Building. A reception will follow. Professor Wallace died January 9.

JOSEPH DILORENZI

Joseph DiLorenzi, 93, of Sharon, died on January 6. Mr. DiLorenzi was a service staff member in aeronautics and astronautics from 1952 until his retirement in 1962. He leaves a stepson, Edwin Walsh.

NAS Honors

(continued from page 1)

scientist. He was honored "for his path-finding research in structural biology that has elucidated both the pathway of protein folding and mechanisms of macromolecular recognition."

Dr. Kim is the third scientist from the current Department of Biology and Whitehead faculty to receive the award. The others were Dr. Gerald R. Fink, in 1981, and Dr. Robert A. Weinberg, in 1984.

Dr. Pinker receives the Troland Research Award, a prize of \$35,000 for research in experimental psychology, with preference given to quantitative research. He was cited "for his significant contributions to the fields of visual perception and the acquisition and evolutionary basis of language."

Dr. Magasanik receives the Selman A. Waksman Award in Microbiology, a \$5,000 prize for excellence in the field of microbiology, "for his contributions to our understanding of catabolite repression, amino acid metabolism, and regulation of nitrogen metabolism in bacteria."

ROOMMATES

Brighton Ctr: woman rmmate (25+) wanted to join 1W, 2M, 2 cats in sunny spac Vict, grt T access, fplc, w/d, d/w, garden, nw bath/ktchn, no more pets, no tobacco, \$350+. Call 783-1931 lv mssg.

Lexington/Concord: prof F looking for same to shr house, non-smkr. Kim x3-5030.

LOST AND FOUND

Lost: 3-ring binder, dusty-blue fabric cover, identifiable by initials JEM in upper right hand corner of each page, missing since 1/14, please return to Rm 24-202 or call x3-3830.

CHILD CARE

French-spkg woman sought to take care of 2 young children in Back Bay, full-time, references. Deborah x3-0568 or 536-0698.

Household and baby help needed by mom of newborn twins, 20-25 hrs/wk, Feb-Apr, nr Davis Sq T stop, Somerville. Sarah 776-5957.

Tech Talk ads are intended for personal and private transactions between members of the MIT community and are not available for commercial use. The Tech Talk staff reserves the right to edit ads and to reject those it deems inappropriate.

INSTRUCTIONS: Ads are limited to one (of about 30 words) per issue and may not be repeated in successive issues. All must be accompanied by full name and extension. Persons who have no extensions or who wish to list only their home telephones, must come in person to Rm 5-111 to present Institute identification. Ads using extensions may be sent via Institute mail. Ads are not accepted over the telephone. Faxes are not accepted.

All extensions listed below are campus numbers unless otherwise specified, i.e., Dorm, Lincoln, Draper, etc.

MIT-owned equipment may be disposed of through the Property Office.

Deadline is noon Friday before publication.

FOR SALE

Nintendo w/power pad, gun, turbo control deck, NES control pad & up to 10 games, 2 yrs old, \$250 or bst (orig \$675 for all). Jennifer x3-8051.

Minolta Maxxum 9000, Minolta 1.4 50mm lens & Sigma 70-210mm zoom, dedicated flash, filters, all in mint cond, askg \$350 or bst. Shelly, Linc x3830 or (508) 475-6046.

Emerson stereo w/AM/FM radio, single tape deck, 2 sm spkrs, turntable that adjusts for 45 records, no CD, great for children or teens, \$60 neg., gd cond. Call x3-8608.

NordicTrack model 303, exc cond, \$300; Motobecane 10-speed, best offer. Paul x3-6908.

Futon bed w/black cotton cover, \$100 firm. Jan Blair, Draper x8-2843.

2 airline tickets to Florida, lv Boston 2/20, ret 2/27 (NH school vacation), one person must be senior, \$250/ea. Call Linc x4498.

Bike, 27" 10 sp, new tires + lock & pump; CD radio cassette recorder, Sony CFD 454; vacuum cleaner; sofa bed. Jiyong Lin 621-9673.

Casio "Rapman" keybd, brand new (sweepstakes prize), \$55 (list price \$90; incl sounds of 25 instruments, 30 beats, microphone, scratch disk. Pieter x3-7412 or 354-0404.

IBM correcting Selectric II typewriter, exc cond, \$225. Jean, Linc x4516.

M's leather coat sz 40 reg, \$60; pedestal-style work table, standard sz, \$20. Ross, Linc x4792 or 965-2359, home.

5-yr-old Scandinavian Design furniture, all exc cond: navy blue sleep sofa w/dbl bed, \$450; 6-drawer bureau (wood), \$350; microwave cart (wood), \$150. Row x3-1994 or 492-8736.

Macintosh LC 2/40, Apple 12" color monitor, mouse & kybd, dust covers, softwr, \$975. Brooks 424-8314.

Assorted Coach/D&B bags, briefs, slightly used, bst offer. Annette x3-5860.

Upright freezer, Gibson 13 cu. ft., \$225. John x3-0831 or (508) 683-0825.

Precor rowing mach w/digital display, nw cond, \$85 (new \$200); Bionaire humidifier, 3-gal, \$55 (new \$100); Toshiba 3.5 cu. ft. refrig, nw cond, \$95 (new \$180). Mark x3-1204 or 494-8115.

ANIMALS

Golden retriever pups, AKC, champion line, hips and eyes cleared. Call x3-6081.

VEHICLES

1981 Mercury Marquis Sedan 4D Brougham, 143K, automatic, a/c, \$950 or bst. Lee x3-0473.

1981 Dodge Aires, 77K, reliable transp, new exh & brain, \$650. Merlene x8-5875.

1982 VW Scirocco, 135K miles, gd cond, \$750 or bst. Tom 868-1191.

1985 Olds Cutlass Supreme, auto, V6, 85K, runs grt, clean, nw trs, oil change reg, \$1600. Kun-Ho x3-6546.

MANY PROGRAMS

Child Care Office Becomes Family Resource Center

■ **By A. Rae Simpson**
Parenting Programs Administrator

The MIT Child Care Office has been renamed the MIT Family Resource Center, following a recommendation from the MIT Council on The Family and Work and approval by MIT President Charles M. Vest.

The name was changed to reflect more accurately the broad range of work/family programs now offered within the office and the diversity of the families they serve.

In the past five years, the Center has added a number of services to assist MIT families with work/family responsibilities. In particular a major new parent education program offers individual consultations and more than 50 parenting workshops, courses, and support groups each year.

Topics include balancing work and family, setting limits, child development, fathering, single parenting, separation and divorce, adoption, gay and lesbian parenting, grandparenthood, multicultural issues, giftedness, self-esteem, special needs, and many others.

In the child-care area, introductory briefings are now held monthly, and individual consultations cover not only finding and evaluating child care but also selecting schools, special needs programs, summer camps, care for mildly ill children, MIT work/family policies and work options, and coping with ongoing child-care concerns and emergencies.

Parent-child activities and training for family day-care providers have been expanded in student family housing.

Also added to the Center has been a lending library of approximately 500 volumes and resource files on about 100 parenting and child-care topics.

Center staff frequently give consultations and seminars as well for individual MIT departments and offices, at Lincoln Laboratory, for local and national work/family organizations, and in the local community.

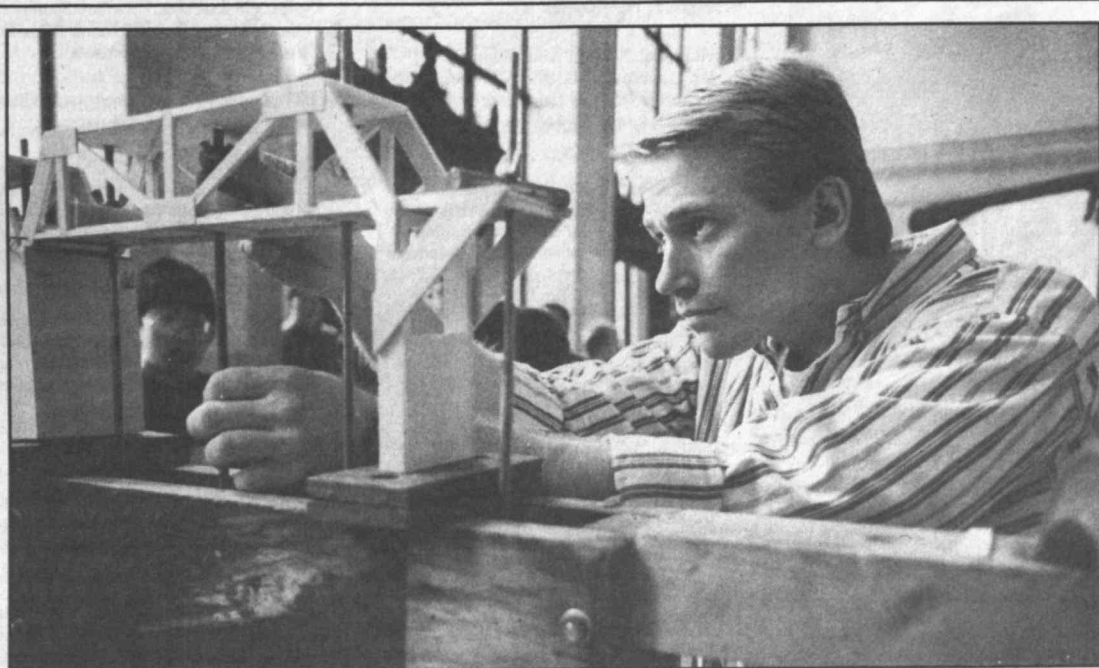
The Center's next series of parenting seminars and groups begins in late February, featuring new programs on positive discipline, gender development in boys and girls, handling economic stress, girls and science, caring for elders and children at the same time, alternative work schedules, special needs, African American parenting, and stepparenting.

Most programs are free of charge, and many are open to the public.

For a full description, stop by or telephone the Center, Rm 4-144, x3-1592. The Center is a component of the Office of Special Community Services (OSCS) within the MIT Personnel Department.

No Tech Talk

Because of the Presidents' Day holiday, Tech Talk will not be published on February 17. The Calendar in next week's paper will cover the period from February 10-28. The deadline for listings in the Calendar, Notices and Classified Ads is—as usual—noon Friday, Feb. 5.



TESTING TIME—Paul Moody fixes his bridge to the testing mechanism in Lobby 10 before he and a partner competed in the recent IAP bridge contest. **Photo by Donna Coveney**

Sports at MIT

AWARD TO TRANUM

MIT football player Rod Tranum has been named the winner of the 48th Annual Swede Nelson Award given by the Gridiron Club of Greater Boston. The Nelson Award is given to the senior football player who has demonstrated excellence in the classroom and on the gridiron in the small (Divisions II and III) and large (Divisions I and IAA) schools in New England. Tranum, a senior wide receiver from Chatsworth, GA, is the first MIT player to win the Nelson Award. Tranum will receive the award at a dinner on March 10. The Nelson Award is named in honor of former Harvard University player and coach Nils V. "Swede" Nelson.

INDOOR TRACK

The MIT men's indoor track team has run its record to 9-0 thus far this season. The Engineers defeated Colby, UMass-Dartmouth and Tufts recently to keep the perfect season alive. Winners in the meet for the Engineers were freshman John Wallberg of Thief River Falls, MN, in the weight throw (50'6"); pole vaulter Matt Robinson, a junior from Olympia Fields, IL (15'5"); Ethan Crain, a sophomore miler from North Windham, ME (4:26.63); and the 3200-meter relay team (8:08.39). Wallberg's winning throw missed setting the Institute freshman record in the event by 1/4," and in addition to Crain MIT runners also captured second and third place in the mile.

TOPICS FOR TECHIES

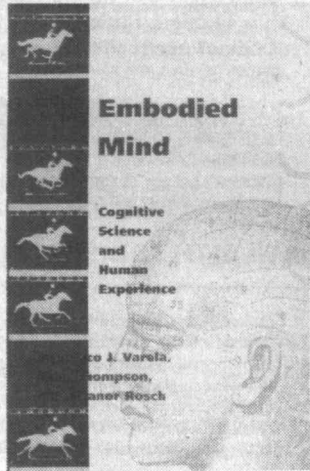


HOFFA
Arthur A. Sloane

In *Hoffa*, Arthur Sloane has written the only comprehensive biography of the late Teamster leader, having had full access to Jimmy Hoffa's family, friends, and professional associates.

Hoffa is a rich and colorful portrait of this powerful and contradictory character, one of the most influential figures in American labor. It covers in considerable detail all the facets of Hoffa's remarkable life and death; his rise to total dominance over the largest, strongest, and wealthiest union in American history; his near-Victorian personal habits; the legal problems that plagued his later years; and, of course, the shadowy events surrounding his presumed Mafia murder in 1975.

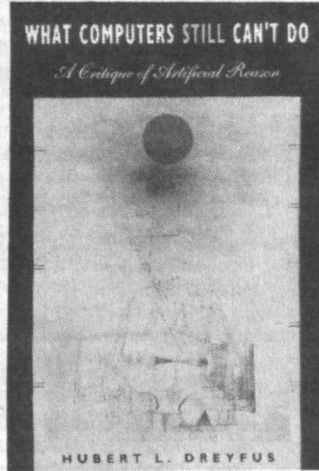
"Hoffa is a welcome look at a legendary labor leader who fascinated America." — Joe Dirck, *The Plain Dealer*
430 pp., \$12.95 paper



THE EMBODIED MIND
Cognitive Science and Human Experience
Francisco J. Varela, Evan Thompson,
and Eleanor Rosch

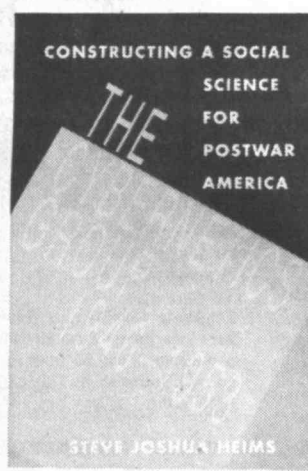
The Embodied Mind provides a unique, sophisticated treatment of the spontaneous and reflective dimension of human experience. The authors argue that only by having a sense of common ground between mind in science and mind in experience can our understanding of cognition be more complete. Toward that end, they develop a dialogue between cognitive science and Buddhist meditative psychology and situate it in relation to other traditions such as phenomenology and psychoanalysis.

"An important book...engagingly written, presenting difficult ideas and complex research programs with grace, lucidity, and style." — N. Katherine Hayles, *American Book Review*
328 pp., 34 illus., \$13.95 paper



WHAT COMPUTERS STILL CAN'T DO
A Critique of Artificial Reason
Hubert L. Dreyfus

When it was first published in 1972, Hubert Dreyfus's manifesto on the inherent inability of disembodied machines to mimic higher mental functions caused an uproar in the artificial intelligence community. The world has changed since then. Today it is clear that "good old-fashioned AI," based on the idea of using symbolic representations to produce general intelligence, is in decline (although several believers still pursue its pot of gold), and the focus of the AI community has shifted to more complex models of the mind. It has also become more common for AI researchers to seek out and study philosophy. For this edition of his now classic book, Dreyfus has added a lengthy new introduction outlining these changes and assessing the paradigms of connectionism and neural networks that have transformed the field.
420 pp., \$27.50 cloth, \$13.95 paper



CONSTRUCTING A SOCIAL SCIENCE FOR POSTWAR AMERICA
The Cybernetics Group, 1946-1953
Steve Joshua Heims

Steve Heims recounts a fascinating story in twentieth-century history — a series of encounters that captured a moment of transformation in the human sciences. Focusing on the Macy Foundation conferences, which were designed to forge connections between wartime science and postwar social science, Heims's richly detailed account explores the dialogues that emerged among a remarkable group that included Norbert Wiener, John von Neumann, Margaret Mead, Gregory Bateson, Warren McCulloch, Kurt Lewin, Molly Harrower, and Lawrence Kubie. Heims shows how those dialogues shaped ideas in psychology, sociology, anthropology, and psychiatry.
352 pp., \$15.95 paper
Originally published in hardcover as *The Cybernetics Group* (1991).

- GENERAL INTEREST & SCHOLARLY PUBLISHING IN:**
- Computer Science
 - Artificial Intelligence
 - Robotics
 - Neuroscience
 - Cognitive Science
 - Economics
 - Linguistics
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 - Urban Studies
 - Political Science
 - Science, Technology & Society

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Institute Calendar

*-Open to public
**-Open to MIT community only
***-Open to members only

February 3 - 14, 1993

■ SPECIAL INTEREST

Malcolm X: Legacy of Struggle**—Feb 3: Presented by Prof. Abdul Alkalimat, Dept. of African American Studies, Northeastern University. Sponsored by Technology and Culture Seminar, Office of Minority Education, Office of the Provost, Freshman Seminar 7A11, 12pm, Rm 4-153. Brown bag lunch following.

The HIV Epidemic: From Condoms to Cloning**—Feb 11: Presented by Dr. James Curran, Assistant Surgeon General, US Public Health Service, Associate Director for HIV/AIDS; Director, Office of HIV/AIDS, Centers for Disease Control and Prevention. Annual Howard Hughes Lecture sponsored by the Biology Undergraduate Student Association and the Howard Hughes Medical Institute, 4:15pm, Rm 54-100. More info: Bill Jackson x8-5231.

■ SEMINARS & LECTURES

WEDNESDAY, FEBRUARY 3

Molecular Biological Approaches to Long-Term Memory**—Dr. Eric R. Kandel, Center for Neurobiology and Behavior, Columbia University. Center for Biological and Computational Learning Seminar Series, 12-1pm, Rm E25-111.

Malcolm X: Legacy of Struggle**—See Special Interest above.

Does Stommel's "Demon" Work?***—Dr. Ric Williams, MIT. Oceanography Sack Lunch Seminars, 12:10pm, Rm 54-915.

E Pluribus White: Ethnicity and Race in U.S. Nationalist Discourses*—Prof. Brackette Williams, Dept. of Anthropology and the African American Center, Univ. of Arizona. Discussant: Prof. Helán Page, Dept. of Anthropology, UMass/Amherst. Peoples and States: Ethnic Identity and Conflict Seminar cosponsored by MIT Anthropology/Archaeology Program, CIS. 4:30-6:15pm, Rm E38-714. More info: x3-3065.

Embedded Defects, Electroweak Strings, and the Sphaleron**—Prof. Tanmay Vachaspati, Tufts Univ. Joint Theory Seminar, Laboratory for Nuclear Science, 4:30pm, CTP Seminar Room, Bldg 6, 3rd fl.

THURSDAY, FEBRUARY 4

Intelligent Aeroelastic Tailoring Smart Design and Smart Materials*—Prof. Terrence A. Weishaar, Purdue University. Aero & Astro Dept. Seminar, 4pm, Rm. 37-252.

Heavy Traffic Analysis of a Two-Station Mixed Queueing Network*—Prof. Vien Nguyen, MIT. Sponsored by the Operations Research Center, 4pm, Rm E40-298. Refreshments after seminar.

FRIDAY, FEBRUARY 5

Negative Regulation of Helix-Loop-Helix Proteins from Mammals to Yeast**—Robert Benezra, Memorial Sloan Kettering Cancer Center. Cell and Molecular Biology Seminar, 12pm, Whitehead Auditorium.

Computer Companies I Have Started**—Dr. Bill Poduska, MIT. Computational Aerospace Sciences Laboratory, 12pm, Rm 33-206. Refreshments provided.

Acoustic Scattering from Complicated Elastic Structures*—Dr. P.E. Barbone, Univ. of Cambridge, UK. Special Applied Mechanics Seminar sponsored by the Dept. of Mechanical Engineering, 3-4:30pm, Rm 3-343.

Research Ethics*—Dr. Caroline Whitbeck, MIT. Mechanical Engineering Seminar, 3pm, Rm 3-370.

Outlook for the US Petrochemical Industry**—Prof. Peter Spitz, ChemSystems. Chemical Engineering Dept., 3pm, Rm 66-110.

Geophysical Applications of Electrokinetic Conversion**—Dr. Arthur Thompson, Exxon Production Research Co. Sponsored by the Dept. of Earth, Atmospheric and Planetary Sciences, 4pm, Rm 54-915. Refreshments, 3:30pm, Ida Green Lounge.

MONDAY, FEBRUARY 8

Gravitational Eikonal from Superstrings*—Dr. Daniele Amati, SISSA, Trieste, Italy. Research Seminar, Laboratory for Nuclear Science, 2pm, CTP Seminar Room, Bldg 6, 3rd fl.

Global Bifurcation and Chaos in the Motion of Parametrically Excited Thin Plates*—Dr. Z.C. Feng, Univ. of California, Santa Barbara. Special Applied Mechanics Seminar sponsored by the Dept. of Mechanical Engineering, 2-3:30pm, Rm 1-114.

Stokes Flow Through a Row of Cylinders Between Parallel Walls: A Model for the Glomerular Diaphragm**—Prof. William Deen, MIT. Fluid Mechanics Seminar Series, 4-5pm, Rm 5-234.

An Observational Study of the Austral Spring Stratosphere: Dynamics and the Ozone Dilution Effect*—Roger J. Atkinson, MIT. Center for Meteorology and Physical Oceanography Quasi-Biweekly Seminar Series, 4pm, Rm 54-915.

Scientific Uncertainty and the Controversy Over Control Strategies for Urban Ozone*—Prof. Jana Milford, Univ. of CT. Sponsored by the Ralph M. Parsons Laboratory for Water Resources and Hydrodynamics, 4pm, Rm 48-316.

Engineer as a Businessman**—Dr. Robert W. Deutsch '48. Distinguished Alumni/ae Lecture Series, 4-5pm, Rm 4-163.

Enterprise Model: The Rosetta Stone of Model-Driven Development (Application Systems)*—Charles W. Bachman, Bachman Information Systems, Burlington, MA. MIT-EECS Spring Semester Colloquium Series, 4-5pm, Rm 34-101. Refreshments, 3:30pm.

TUESDAY, FEBRUARY 9

Self-Organization Phenomena in Laser Thermochemistry*—Boris Lik'yanchuk, General Physics Institute, Russia. Seminar on Modern Optics and Spectroscopy, sponsored by GEorge R. Harrison Spectroscopy Laboratory, Research Laboratory of Electronics, Schools of Science and Engineering, Plasma Fusion Center and Industrial Liaison Program, 11am-12pm, Rm 37-252.

The Lobster as a Model for an Underwater Ambulatory Robot*—Joseph Ayers, Northeastern Univ. Autonomous Underwater Vehicles Seminar Series, sponsored by MIT Sea Grant, Draper Labs, Dept. of Ocean Engineering, 12pm, Rm E38-300. More info: x3-9314.

Results from the SLD Experiment at SLAC*—Dr. Philip Burrows, MIT. LNS Colloquium, 4:15pm, Rm 4-163. Refreshments, 3:45pm, Kolker Rm, 26-414.

Absorption Line Selected High Redshift Galaxies*—Dr. Charles Steidel, Univ. of California. Astrophysics Colloquium, 4:15pm, Rm 37-252. Refreshments, 3:45pm.

"On His Work"*—Herman Hetzberger, architect, former visiting professor at MIT. Department of Architecture Lecture, 6:30pm, Rm 10-250. More info: x3-4411.

Another Energy Solution: Zeopower Co.'s Fuel-Fired and Solar-Driven Adsorption Heat-Pumps and Refrigerators*—Dr. Dimitar Tchernev, president and founder of the Zeopower Co. Monthly forum of Boston Area Solar Energy Assn. Donation of \$5 from non-members and \$3 from members is requested. Sponsored by Tim Johnson, Dept. of Architecture. 7:30pm, Rm 3-442.

WEDNESDAY, FEBRUARY 10

Studying North Atlantic Subduction and Ventilation Using Tritium-Helium Dating**—Dr. Bill Jenkins, WHOI. Oceanography Sack Lunch Seminars, 12:10pm, Rm 54-915.

Environments for Virtual Design**—William J. Mitchell, MIT. Part of the "Designing the Future" Colloquium Series sponsored by the Dept. of Civil and Environmental Engineering, 3:30-5pm, Rm 9-150.

The Way We Never Were: The Debate Over 'Family Values'***—Stephanie Coontz, Evergreen State College, author. Sponsored by MIT Women's Studies Program, Center for International Studies, and MIT Dept of Political Science. 4pm, Student Center Twenty Chimneys. More info: x3-8844

An Overview of the Environmental Industry*—Speaker: Joan B. Berkowitz, Founding Partner, Farkas Berkowitz & Co, Washington, DCI Event Coordinator: Carol Dillon, Innovative Capital Partners, Waltham MA. Sponsored by the Enterprise Forum, 6pm. Case Presentation, PROSYS Corp., 7:30pm. Rm 10-250. Registration, 5:30pm. More info: x3-8240.

THURSDAY, FEBRUARY 11

Languages and Environments*—Prof. Susan Graham, Univ. of California, Berkeley. Laboratory for Computer Science Distinguished Lecturer Series, 3:30pm, Rm 34-101. Refreshments, 3:15pm.

Operations Research in the 21st Century*—Walter Hollis, Deputy Undersecretary of

Operations Research, US Army. Sponsored by the Operations Research Center, 4pm, Rm E40-298. Refreshments after seminar.

The HIV Epidemic: From Condoms to Cloning**—See Special Interest above.

A Unified Chain-Thermal Theory of Fundamental Flammability Limits*—Prof. Fokion N. Egolopoulos, Univ. of So. California. Sloan Automotive/Reacting Gas Dynamics Laboratory Series, 4:15-5:15pm, Rm 3-343. Refreshments, 4pm.

The Future of Computing*—David L. House, Senior Vice President, Corporate Strategy, Intel Corporation. Sponsored by the Media Lab, 5pm, Bartos Theater. Reception follows.

FRIDAY, FEBRUARY 12

Scientific Visualization**—Mr. Robert Haines, MIT. Computational Aerospace Sciences Laboratory, 12pm, Rm 33-206. Refreshments provided.

Laser Spectroscopy of Radicals, Biradicals, and Carbenes**—Prof. Peter Chen, Harvard Univ. Chemical Engineering Dept., 3pm, Rm 66-110.

D-T Experiments in TFTR*—Dr. Richard Hawryluk, Princeton Plasma Physics Laboratory. Plasma Fusion Center Seminar Series, 4pm, Rm NW17-218.

Tibetan Mantle Dynamics and the Indian Monsoon*—Dr. Peter Molnar, MIT. Center for Global Change Science Special Lecture, sponsored by the Dept. of Earth, Atmospheric and Planetary Sciences, 4pm, Rm 54-915. Refreshments, 3:30pm.

■ FILMS & VIDEO

Video News Tapes on India*—Feb 11: Showing in a series of video tapes, covering events during January, from Newstrack, an independent news agency in New Delhi. (Note: During the current communal strife, tapes are being censored and it is uncertain what will be available for showing.) Sponsored by the Center for International Studies, 4:30pm, Rm E38-615.

■ COMMUNITY INTEREST

Alcoholics Anonymous (AA)**—Meetings every Tues, 12-1pm; Thurs, 12-1pm, Rm E23-364. For info call Alice, x3-4911.

Al-Anon**—Meetings every Fri, noon-1pm, Health Education Conference Rm E23-297; every Tues, noon-1pm, Rm 1-246; and every Mon, 12-1pm, Lincoln Lab Bldg 1218, Family Support Ctr. The only requirement for membership is that there be a problem of alcoholism in a relative or friend. Call Alice, x3-4911.

Alcohol Support Group**—Meetings every Wednesday, 7:30-9am, sponsored by MIT Social Work Service. For info call Alice, x3-4911.

Cancer Support Group**—Meetings every Thursday, 12-2pm, Bldg E51. For those with acute and chronic forms of cancer. Sponsored by the MIT Medical Dept. For information about weekly luncheon meeting, call Dawn Metcalf, Social Work Service, x3-4911.

Co-Dependents Anonymous (CoDA)*—Meetings every Thurs, 6:30-8pm, Rm 66-156. Info: Alice, x3-4911.

Drop-In Playgroup**—Ongoing, daily, Mon-Fri, 9:30-11:30am, Westgate Function Room. Sponsored by the MIT Child Care Office.

Faculty Lunchroom**—Good news! The Faculty Lunchroom has reopened in Rm 9-350. Hours 11:30am-1:30pm. New price: \$3.

Figure Skating and Ice Dance**—Low-cost group lessons for students and other adult members of the MIT community. Bring figure skates and warm clothing to the rink at 9am Saturdays (freestyle); for ice dance refer to the rink schedule board for time of Sat. dance session. Info: Sally 437-3317, 8-10:30am, 12:30-4pm.

MIT Gay, Bisexual, and Lesbian Employees (GABLES)**—Come to discuss and work on issues ranging from harassment to domestic partner policies. Join us for social lunches and events. For meeting info, call Stephen, x3-6736. To sign up for the staff lesbian/gay e-mail lists, send e-mail to <gables-request@athena.mit.edu>.

Hosts to International Students Program*—Widen your horizons, enjoy the mutual opening of new cultural doors by becoming a host or host family to an on-campus MIT international undergraduate, graduate or couple. Currently students from Asia and Europe await a host connection. Sponsored through the Office of the Dean for Student Affairs and the International Student Office. Call Kate Baty x3-4862.

Informal Embroidery Group**—MIT Women's League, 10:30am-1:30pm. Upcoming dates are: Feb 3, 17, Mar 3, 17, Apr 7, 21, May 5, 19, June 2, 16. Meets in the Emma Rogers Room 10-340. Info: x3-3656.

Narcotics Anonymous*—Meetings at MIT, every Mon, 1-2pm, Rm E23-364 (MIT Medical Dept). Call 569-0021.

New Overeaters Anonymous (OA)*—Meets Friday, 12-1pm, Rm E23-364. Only requirement for membership is the desire to stop eating compulsively. Info: Alice, x3-4911.

Parents Anonymous**—Ongoing meetings weekly on Wednesdays, 12-1pm. For those who would like ongoing support in dealing with the challenges of parenting. Led by Joanne Dougan, M.Ed., private practice, Boston. Sponsored by the Child Care Office. Contact Parents Anonymous at 1-800-882-1250 or Rae Simpson, Administrator, MIT Parenting Programs, Rm 4-144, x3-1592.

Playgroups**—The MIT Wives Group, now with the cosponsorship of the MIT Child Care Office, sponsors and provides ongoing support for informal mother-child playgroups, currently in Arlington/Somerville, Belmont/Watertown, Lexington, Somerville, and Cambridge/Boston. Prospective members contact Wives Group, Rm E23-376, x3-2916. Resources and consultation: Kathy Simons, Rm 4-144, x3-1592.

Technology Children's Center**—The only childcare center on the MIT campus has spaces available in all of its programs at Eastgate (half-day and full-day) for children ages 2 yr 9 mo to 5 yr 6 mo. Information: Olga Slocum, Director, x3-5907.

MIT TeX User Group**—Meets every third Thursday of the month. The group helps people use TeX and all variants. Call Robert Becker x3-1797 for meeting places or e-mail <robertb@math.mit.edu>.

MIT Toastmasters**—Upcoming meeting: Feb 5. An organization that helps people improve and practice their public speaking skills. 12:14-1:30pm, Rm E19-220. Sponsored by MIT Personnel Office.

Wives' Group**—Feb 3: An informal get-together to talk about experiences here and to welcome those who are new to MIT or haven't yet attended a Wednesday meeting. Come help to talk to newcomers. (Note: no babysitting available for this meeting.) Feb 10: "Health Issues for Women—A Chance to Ask About your Concerns and Questions," Dolores Vidal, Nurse Coordinator, Obstetrics and Gynecology Service, MIT Medical Dept. Meetings are from 3-4:45pm, Rm 491 Student Ctr. Babysitting in Rm 407, Student Center. All women in MIT community welcome. Info: x3-1614.

Working Mothers Support Group**—Ongoing participant-led meetings monthly on the first Thursday of each month, 12:15-1:30pm, Rm 18-592. For all working mothers in the MIT community. No preregistration required. Cosponsored by the Child Care Office and the MIT Medical Dept. Contact Debbie Levey, volunteer coordinator for the group, x3-7112.

Working Parents Support Group**—Ongoing meetings weekly on Tuesdays, 12:30-1:30pm. For all working parents in the MIT community. Discussion of issues in parenting and the demands of balancing work and family. Led by Jackie Buck, Social Worker, MIT Medical Department. Cosponsored by the Child Care Office and the MIT Medical Dept. Preregistration required, call x3-4911.

Yoga*—Ongoing yoga classes. Beginner's Hatha, 5:15-6:30pm. Intermediate Iyengar Style, 6:30-8pm. Rm 10-340. Sponsored by the Women's League. For more information contact Ei Turchinetz 862-2613.

■ HEALTH EDUCATION

A Smoker Needs Time to Quit*—It's hard to give up a habit of a lifetime in a short time. Join 16 week research program with educational and support meetings for a better chance to quit and stay quit. Free, sponsored by the MIT Clinical Research Center. New groups forming until spring, women only. Call x3-3437.

A Breath of Fresh Air**—Monthly noon-hour reunion and relapse prevention sessions for graduates of the From Smoker to Non-Smoker workshop. No fee. No registration. Call x3-1316 for dates, rooms, times. Sponsored by the MIT Health Education Service.

Nursing Mothers' Support Group**—First Tues of each month, 10-11:30am and third Wed of each month, 4-5:30pm, Rm E23-297. No fee. No registration. Call x3-2466 for details. Sponsored by the MIT Health Education Service.

Childbirth Preparation**—Early Pregnancy, Lamaze Childbirth Preparation, and Lamaze Review classes are offered to patients of the MIT Medical Department's Obstetrics Service. Call x3-1316 for details.

Tape Time for Health**—A free video loan program. Topics include birth, parenting, baby care, smoking cessation, etc. Visit the Health Resources Center to borrow a tape or call x3-1316 for a list of titles available.

■ MITAC

Ticket locations and hours: Tickets may be purchased at the MITAC Office, Rm 20A-023 (x3-7990), 10am-3pm Monday-Friday (except the third Monday of each month when MITAC is closed for inventory). Lincoln Lab sales in Rm A-218, 1-4pm Thursday and Friday. Further details on events are included in MITAC's monthly flyer. To avoid disappointment, make reservations and purchase tickets early. Because MITAC is nonprofit, refunds are not available.

MITAC, the MIT Activities Committee, offers discount movie tickets for General Cinema (\$4.50/each), Showcase and Loews Cinemas (\$4.25/each, not valid the first 2 weeks a movie is released). Tickets are good 7 days a week, any performance.

MITAC's 10th Year Anniversary Celebration**—Feb 3: Open House at Lincoln Lab, 12-1:30pm, "A" Cafeteria. Special drawings, information, food, special discount coupons, free city books and magnets (while they last). Drawings will continue in February for over 130 donated prizes, plus 3 grand prizes.

The Liar**—Feb 17: At the Lyric Stage, 8pm. Tickets are \$13/ea (reg. \$15/ea), and must be purchased by Feb 3rd.

Aladdin and His Magic Lamp**—Feb 20: Performance by the Boston Children's Theatre, 2pm, at New England Hall (Clarendon St). Tickets are \$5.50/ea (reg. \$6.50/ea, every person, regardless of age, must have a ticket for admission).

Sleigh Ride at the Salem Cross Inn**—Feb 28: In West Brookfield, MA. Includes a scrumptious New England dinner. \$50.00/pp includes round-trip bus, bus tip, complete Sunday dinner, and sleighride. Bus leaves MIT Hayward Lot at 11:30am; Linc. Lab, Lexington at 12 noon; returns approx. 6:15pm Linc. Lab, Lexington; 6:45pm MIT Hayward Lot. One non-smoking bus. Purchase by February 12th.

Pennsylvania Dutch Getaway**—Apr 16-19: Trip includes: round-trip bus fare, 3 nights' lodging at the Historic Strasburg Inn (plus 3 breakfasts/1 dinner); a 2 hour tour of the Pennsylvania farmlands; tour of the Amish Farm and House; evening at the Dutch Apple Dinner Theatre; shopping at the Kitchen Kettle Village; dinner at Good 'N Plenty; and tour of the Gettysburg Battlefields and the Electric Map. \$210/pp/dbl. occupancy includes all of the above. Bus leaves from Linc. Lab, Lexington at 7am; Hayward Lot 7:30am on Fri., April 16th; returns approx. 8pm to Linc. Lab, Lexington; 7:30pm Hayward Lot on Mon., April 19th. Purchase by March 9th.

New Discounts for the Computer Museum—300 Congress St., Boston. Present your MIT ID and receive \$1 off admission. Valid through Sept. 1, 1993.

New England Aquarium Discounts—Purchase individual adult tickets (no discount on children's tickets) for \$5/ea (reg. \$7.50/ea). Valid through May 1993.

Other Discounts—Mrs. Fields Cookies, Disney World, Improv Boston, Catch a Rising Star, Boston Brownie, Greater Boston Books (\$25/ea), Entertainment Books (\$25/ea).

■ SOCIAL ACTIVITIES

HKSS Banquet**—Feb 6: Organized by and for Hong Kong students from MIT, Harvard, BU, Brown, Tufts and Wellesley. 6pm-1am, Walker Memorial. Contact Esther at x5-7627 for tickets in advance (\$12), at the door (\$15). Dance only, \$8. E-mail: <hkss@athena>.

Ballroom Dance Workshops*—Feb 7: Hustle 1, Swing 1, Mambo 3, 1-5:30pm, Morriss Hall, Walker Memorial. No experience or partner necessary. More info: x8-6554, 24 hrs.

Chinese Lunch Table. Meets every Tuesday and Wednesday, 12-1pm, Student Center, Private Dining Room, 3rd floor. Bring your lunch and come practice your Chinese speaking. All levels welcome. Sponsored by the Chinese Students Club.

Japanese Lunch Table. Meets Tuesdays at 1pm in Rm 407 and 491 in the Student Center. Bring a lunch and talk with native Japanese speakers. All Japanese speakers, especially beginners, are welcome. Call x3-2839.

La Table Francophone. Meets Tuesdays at 1pm in Walker Memorial Dining Room.

■ MOVIES

Satyajit Ray Film Series*—Feb 6: Aparajito, in English, 3pm, Rm 10-250. Sponsored by Sangam (GSC, UA). More info: x3-3225.

The Story of Qiu, Ju*—Chinese movie starring Gong Li, directed by Zhang Yi Mou. Feb 6: 1:30pm, Rm 26-100. Feb 7: 1:30pm, Rm 10-250. Sponsored by CSSA.

■ LOOKING AHEAD

Mapping Mt. Everest*—Feb 17: A lecture and slideshow by Dr. Bradford Washburn, Boston Museum of Science. The making of the most detailed map of the world's highest mountain. Sponsored by the MIT Outing Club and the Dept. of Earth, Atmospheric and Planetary Sciences, 8pm, Rm 10-250.

Pixels in Space: Electro-Holography at MIT*—Feb 23: Part of the Perspectives Series Talk, by Professor Stephen A. Benton, Academic Head of the Media Arts & Science Section and director of the Spatial Imaging Group of the MIT Media Laboratory. 5pm, Bartos Theater (Bldg E15).

Send notices for Wednesday, February 10, through Sunday, February 28, 1993 to Calendar Editor Rm 5-111, before 12 noon Friday, February 5.

The Arts

February at MIT

4 Thurs

Focus on the Arts
Women's League program features presentations by four MIT women artists: Charlotte Gibbs, painter; Nancy Schon, sculptor; Carolyn Latanision, painter (below); and Polly Doyle, painter/printmaker. Bring bag lunch; beverages and cookies provided. 11-1pm, President's House, 111 Memorial Dr. Register at 253-3656



Mannheim Quartet in Chapel
Douglas Worthen, flute; Sandra Kott, violin; Anne Black, viola; Joan Esch, cello with Bodky award recipient Ursula Duetschler, harpsichord. J.C. Bach and Reicha. 12noon, Chapel.

Horns in Killian
MIT Affiliated Artist Concert: Jean Rife (below) with John Boden, horns. Works for natural horn, for horn and piano, and horn duets by Förster, Mozart, Baumann, Schumann, Pearlman, and Schuller. 8pm, Killian Hall.



4-6 Thurs/Sat

Jesus Christ Superstar (below)
MIT Musical Theatre Guild production of musical by Andrew Lloyd Webber and Tim Rice. Tickets: \$8, \$7 students/seniors/MIT community, \$5 MIT/Wellesley students. 8pm, Student Center Sala de Puerto Rico. Information/reservations: 253-6294



Angel Street
MIT Gilbert & Sullivan Players production of the 1904 Victorian thriller by Patrick Hamilton (the play on which the movie *Gaslight* was based). Donations accepted. 8pm, Student Center Rm 491. 527-1421

Six Characters in Search of an Author
Pirandello play presented by MIT Dramashop, directed by Alan Brody, director, MIT Theater Arts Program. Tickets: \$7, \$5 MIT/Wellesley students/senior citizens. 8pm, Kresge Little Theater. 253-2908

5 Fri

The Sporting Woman Closes
Images of women participating in sports from antiquity to 1930 (below) organized by Sally Fox. Compton Gallery, off Lobby 10. Hours: Weekdays 9-5. 253-4444



6 Sat

Forum with M.L. King Visiting Scholar
19th Annual Martin Luther King Jr. Visiting Scholar Dr. Vincent Harding, senior consultant to "Eyes on the Prize" and author of *The Other American Revolution* and *There is a River* (first of a planned three-volume history of Black struggle for freedom in the US). Lunch served. 12-2:30pm, Student Ctr 20 Chimneys. 253-5006 or 253-4004

Satyajit Ray Film
Aparajito. In English. Sponsored by Sangam. 3pm, Rm 10-250. 253-3225

7 Sun

Corporal Politics Film Program
"Surrogacy and New Reproductive Technologies." Series of short films shown in conjunction with the exhibition *Corporal Politics* at the List Visual Arts Center. *Born to be Sold: Martha Rosler Reads the Strange Case of Baby M*, 1988 film by Martha Rosler and Paper Tiger Television; *Underexposed: The Temple of the Fetus*, 1993 film by Kathy High. 3pm, Bartos Theater. 253-4400

Vocal Recital
Baritone Daniel Aalberts (G) with pianist Larry Taylor. Schumann's *Dichterliebe* and Vaughan William's *Songs of Travel*. 3pm, Killian Hall. 252-6216

10 Weds

Kepes Show Closes
Gyorgy Kepes: Paintings and Photographs. A show of works by the Institute Professor Emeritus and founder of the CAVS. Alpha Gallery, 14 Newbury St., Boston. Hours: Tues-Sat, 10-5:30pm. 536-4465

Arts Grants Deadline
Third round of applications due for 1992-93 funding of arts activities and projects by the Council for the Arts at MIT. Forms are available at the Office of the Arts, E15-205. 253-2372

11 Thurs

Poetry at MIT
Martha Collins, founder of the Creative Writing Program at University of Massachusetts-Boston and author of *The Arrangement of Space*, *The Catastrophe of Rainbows*, and the forthcoming *History of Small Life on a Windy Planet*;

Linda McCarriston, fellow at the Bunting Institute of Radcliffe College and author of *Talking Soft Dutch* (Associated Writing Program Award winner), and *Eva-Mary* (winner, Terrence Des Pres Prize from TriQuarterly). 7:30pm, Bartos Theater. 253-7894

String Duo in Chapel (below)
Julie Leven, violin and Barbara Wright, viola. Martinu, Handel-Halverson, and Mozart. 12noon, Chapel.



11-13 Thurs/Sat

Six Characters Still Searching
See 4-6 Thurs/Sat above.

12 Fri

Advanced Music Performance Recital
Wilson Hsieh (G), viola. *Vieuxtemps, Capriccio, Op. 61*; *Reger's Suite, Op. 131d*; *Bach's Suite No. 1*; *Laderman's Elegy (1973)*; *Ligeti's Loop for solo viola (1991)*. 12noon, Killian Hall.

14 Sun

Corporal Politics Closes
Works by eight artists who examine the body fragment as both theme and content in contemporary sculpture. Hours: Weekdays 12-6, weekends 1-5. Closed holidays. 253-4400

16 Tues

Arthur Schein Memorial Lecture
"Sustainable Urban Development: Curitiba, Brazil," by Jaime Lerner, architect who served as Mayor of Curitiba, Brazil for 12 of the last 20 years. He used his training and that of other architects in the "urban environmental management" of his city and guided Curitiba in sustainable development that demonstrated the reciprocal benefits of stimulating cultural, economic, social, and physical change. 6:30pm, Rm 10-250. 253-4411

Roadkill Buffet
MIT's improvisational troupe. 8pm, Rm 6-120. 253-2877

18 Thurs

Renaissance and Baroque Vocal Music
Chapel Concert: Mary Chin, soprano, and Joel van Lennep, lute. 12noon, Chapel.

Compton Reception
The Hudson Studio: BOULEVARD/ MANHATTAN. The revitalization scheme for a Harlem avenue gone to seed devised by The Hudson Studio of Manhattan whose principals are MIT alumni. 5-7pm, Compton Gallery (off Lobby 10). Exhibit runs through April 2. Regular Compton hours: Weekdays 9-5. 253-4444

19 Fri

Student Recital
Advanced Music Performance (AMP): Mary Beth Rhodes '94, violin. Leclair's *Sonata for two violins, Op. 3, No. 4* in F Major; Franck's *Sonata for Viola and Piano* in A Major; Kreisler's *Praeludium and Allegro*; Pablo de Sarasate's *Introduction and Tarantella, Op. 43*. 12noon, Killian Hall.

El Teatro Campesino
Simply Maria (below) and *How Else Am I Supposed to Know I'm Still Alive?* Presented by LUCHA. Tickets: \$8, available Feb 5-19 at the MIT Museum Shop located in the Student Center, in Lobby 10, or at the door the night of the performance. 8pm, Kresge Auditorium. 225-7549



20 Sat

MIT Concert Band Tour Finale
John Corley, director. 8pm, Kresge Auditorium.

21 Sun

MIT Artist Off Campus
Edward McCluney, Director, Student Art Association will take part in a Gallery Talk with the other artists represented in a group show entitled: *African American Perspectives: The Lois Foster Exhibition of Boston Area Artists* at the Brandeis University Rose Art Museum in Waltham. 3pm. Show runs through March 14. Regular hours: Tues-Sun 1-5pm, Thurs 1-9pm. 736-3434

Indian Cultural Festival
Presentation of Indian music and dance, sponsored by Sangam, AIA, Wellesley. 3pm, Kresge Auditorium. Pratyush Kumar, 253-3225

24 Weds

"Rise and Fall of Infinity"
"How Real is the Real Continuum?" First in series of lectures by author/mathematician Brian Rotman (below). (Subsequent lectures March 2-3.) 8pm, Rm 6-120. 253-7894



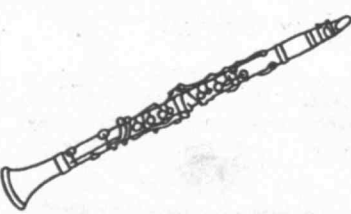
25 Thurs

Victorian Duo in Chapel Concert
Peter H. Bloom, flute; Olav Chris Henriksen, guitar. Nineteenth-Century repertoire on original instruments of the period. (Haydn, Schubert, Diabelli, Giuliani, etc.). 12noon, Chapel.

Last Day to Join Women's Choral
All women of the MIT community including wives, are welcome. Meets Thurs, 7:45pm, Rm 10-340. Catherine Kirkpatrick, 625-2941

26 Fri

AMP Student Recital
Eran Egozy '93, clarinet. Saint-Saens' *Sonata for clarinet, Op. 167*; Nielsen's *Clarinet Concerto, Op. 57*. Elaine Chew (G), piano and Kip Bishofberger '95, snare drum. 12noon, Killian Hall.



Evan Ziporyn Work Performed Off-Campus
The Boston Musica Viva presents *Waiting for the Phone*, a piece for solo clarinet by MIT Associate Professor Evan Ziporyn. 8pm, Tsai Performance Center, Boston University, 685 Commonwealth Ave., Boston. \$12 floor, \$10 balcony, \$6 students/seniors. 353-0556

26-28 Fri/Sun

Twelfth Night, or What You Will
MIT Community Players present Shakespeare's fantasy. 8pm, Kresge Little Theater. \$7, \$6 MIT community/seniors/children under 12; \$5 MIT/Wellesley students w/ID. 253-2530

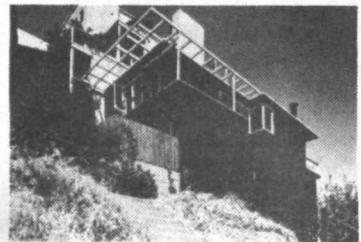
27 Sat

Arditti String Quartet
Guest Artist Concert. Kurtag's *Officium Breve*; Carter's *No. 4*; Goehr's *No. 4*; Beethoven's *Grosse Fuge, Op. 133*. 8pm, Kresge Auditorium.

Asian Women Film Shorts
Asian Immigrant Women and Work: Film Shorts and Discussion. *Unbidden Voices*, experimental documentary on the life of an Indian woman, working in the US; *Sewing Woman*, documentary of filmmaker's mother in war-torn China and in a garment factory in the US; Oscar nominee for best short documentary. 3pm, Rm 66-110. 426-5313

All Month

MIT Museum
Inside the Large-Small House: The Residential Legacy of William W. Wurster '17 (below). Period black-and-white photographs, contemporary color plates and architectural models of designs by the San Francisco Bay area architect who rose to prominence in the 1930s and 1940s with straight-forward plans based on good sense and the California wood tradition.



Ongoing Exhibits: *Crazy After Calculus: Humor at MIT*; *Doc Edgerton: Stopping Time*; *Holography: Types and Applications*; *Light Sculptures by Bill Parker*; *Math in 3D: Geometric Sculptures by Morton G. Bradley, Jr.*; *MathSpace*.

MIT Museum, 265 Mass Ave. Hours: Tues-Fri 9-5, Sat-Sun 1-5. Requested donation: \$2. 253-4444

Strobe Alley
Edgerton/Mili Photography Contest Prize Winners. 4th floor of Bldg 4. 253-4444

Hart Nautical Gallery
A Thousand Years of Voyages of Discovery — Exploring the Ocean from Surface to Seabed; *Boston Fisheries 1900-1920*. 55 Mass Ave. Weekdays 9-8. 253-5942

All events are free unless prices are noted. All concerts: 253-9800 unless otherwise noted. MIT Arts Hotline: 253-ARTS. Month-at-a-Glance is produced by the MIT Office of the Arts (253-4003) and ARTSNET. Celia Metcalf, design; Liz Ferry, production.

Here & There

■ An MIT faculty member revisits the Vietnam war in a book that focuses individually and collectively on the enlisted men who fought it.

Working-Class War: American Combat Soldiers and Vietnam, by **Christian G. Appy**, assistant professor of history, will be published by The University of North Carolina Press this month.

The publisher describes the book as exploring "the experiences and attitudes of the 2.5 million American enlisted men who served in Vietnam, painting a compelling portrait of the war as it was lived by the troops who fought it."

According to the publisher, Professor Appy draws on extensive interviews with veterans and is the first "to examine thoroughly the social, military, and political contexts vital to understanding their [veterans'] experiences in Vietnam."

"[He] shows that although race and region were prominent factors (black Americans and those from small towns were significantly overrepresented in our combat forces), class was the most important element in determining who fought and died in Vietnam. Roughly 80 percent of enlisted men came from poor or working-class families."

Professor Appy said he also tries to "do justice to the experience of the war itself—that is, to put the military experience itself into some kind of context." He hopes this will counter some of the stereotypical images of the war, derived from film clips and photos, that many young people, including his students, now hold.

■ A Channel 5 crew filmed members of the The MIT Ballroom Dance Club in action in the Sala de Puerto Rico during IAP for a program on dancing scheduled to be broadcast February 8 on Chronicle (7:30pm).

The club has had as many as 350 members, including a student (**Daniel Radler**, SB in architecture, '79) who went on to become a national champion. It conducts workshops and sponsors a competitive ballroom dance team that is going to England in April.

If you want to get into the swing of things, contact **Waldemar Horwat**, a doctoral candidate in computer science, at x3-7710, or call x8-6554 for recorded information.

■ It should come as no surprise that one of MIT's most famous alumni, **Kenneth H. Olsen** '50, founder of Digital Equipment Corporation, has been named the first "Entrepreneur of the Century" by the MIT Enterprise Forum of Cambridge, Inc.

He was the odds-on favorite to lead off the honoree list when the Forum's executive board voted to establish the award last summer. It will recognize "the singular distinction of a handful of Twentieth Century company founders who have revolutionized an existing industry or established a wholly new one, whose products and technologies have had a profound effect on the nation, and whose executive leadership extends over a quarter of a century in the companies they built."

Nearly 400 persons gave Mr. Olsen a standing ovation when he received the award at a Forum workshop, where he was one of the keynote speakers.

■ Her hometown of Dunstable, Mass., threw quite a 150th birthday party in December for **Ellen Swallow Richards**, the first woman to graduate from MIT (in 1873) and a pioneer scientist, home economist and ecologist.

Actress **Kittie Gardiner** gave two performances of a one-woman show based on the life of Mrs. Richards, who was born in Dunstable on De-

ember 2, 1842. One of the performances was at the local school that carries the family name, the Swallow-Union School, and the other at the town library.

In addition, the Groton Herald reported that Sue Tully, a librarian at the Dunstable Public Library, had located a 14-foot mural depicting nine notable women of Boston, including Mrs. Richards.

The mural, she was told, was at the Museum of Fine Arts in Boston. It had been sent there, the newspaper said, by the now-insolvent Workingmen's Cooperative Bank, which had commissioned it in 1980 for the 350th anniversary of Boston's founding and the bank's 100th anniversary.

After receiving her degree, Ellen Swallow taught at MIT, where women were first admitted as regular students in 1883, and married an MIT professor, **Robert Richards**.

CLIPS:

—David Warsh of The Boston Globe is one of many journalists to take note of the remarkable number of MIT-trained economists heading for Washington to take key posts in the Clinton administration. But he also paid tribute to Institute Professor **Robert M. Solow** for the inspiration he has provided for so many years to so many students. Dr. Solow, he said, "is about as well-loved a man as any person on the planet," adding: "Some weeks ago I misleadingly speculated that the 67-year-old Nobel laureate might take the chairmanship of the [Council of Economic Advisers] himself. He didn't need to. He appears to be talking, gently and with great reserve, to everyone involved. Solow's backstage apotheosis comes at the end of a story-book career. As a brilliant young economist, Solow went to the council in 1961 as senior staff; he helped establish the MIT style of doing hard academic work early in life, mixing in increasing amounts of public service with increasing age. He won the Nobel Prize in 1987. Now three of his students constitute the council itself. The best and brightest are on tap in the Clinton administration; the way-back machine has been set."

QUOTES

● "This is not an operation to end the war in Somalia. It is to stop various bad guys in Somalia from preying, literally, on the flesh of their own people. As long as the main problem is intimidating bad guys who are obstructing the food, this looks like a good bet."—**Barry R. Posen**, professor of political science, in a Boston Globe story on the wisdom of sending US troops to Somalia.

● "It tends to break the ice."—**Christopher D. Janney**, research affiliate at the Center for Advanced Visual Studies, in a Middlesex News story, on his clip-on miniature electronic billboard that lets wearers create their own revolving messages.

● "There is a major right-wing takeover of the ideological system that is quite extreme. That's the major thing, and if we were serious we would use the term political correctness to refer to this."—Institute Professor **Noam A. Chomsky**, in a Boston Globe story on the effects of "political correctness" on campuses.

● "I do not think the system will be widely used because it's a pain."—Professor **Yosef Sheffi**, director of the Center for Transportation Studies, in a Boston Globe story on an experimental commuter information system for Greater Boston utilizing recorded telephone advisories.

Charlie Ball



PHOTOGENIC—The graceful limbs of this flowering crabapple arch under a blanket of snow in Killian Court after a recent snowfall. Photo by Donna Coveney

HARASSMENT EXPERT

Rowe Effort Commended by Navy

■ By **Charles H. Ball**
News Office

As an MIT "ombudsman," Mary Rowe usually works quietly, behind the scenes, to help resolve or refer problems and complaints—including allegations of harassment—brought to her by MIT students and employees.

Her work, however, did not go unnoticed by the United States Navy. Last summer, in the wake of the Tailhook scandal in which Naval personnel verbally and physically abused women officers and enlisted personnel, the Navy sought Dr. Rowe's assistance in the design of a more comprehensive dispute resolution system to prevent and deal with sexual and other harassment.

Recently, Navy Secretary Sean O'Keefe affixed his signature to a revamped and strengthened policy on harassment in the Navy and Marine Corps. And he also personally presented a medal to Dr. Rowe, an adjunct professor of management whose other official title at MIT is special assistant to the president.

Dr. Rowe received the Meritorious Civilian Service Award for her work as an expert advisor to the Office of the Secretary of the Navy.

The citation accompanying the award stated: "Dr. Rowe's unique professional knowledge guided the [Sexual Harassment] Working Group in challenging fundamental assumptions and identifying essential issues related to harassment in the workplace. Her distinguished work in grievance procedures has been vital to the Department of the Navy in pursuing its objectives for development of a climate of mutual respect and dignity for all its members. Her extraordinary performance and substantial contributions have brought great credit to herself and the United States Navy."

Looking back to the time when she was asked to review a planned training program, Dr. Rowe said, "I was very ambivalent for many reasons. Among other concerns, I felt the training certainly was needed, but I kept asking myself if this was going to be a sincere effort."

That didn't stop Dr. Rowe from making "a great many suggestions," she said, a number of which were instrumental in the eventual reworking of the harassment training program for Navy and Marine personnel. Of nearly 780,000 uniformed active-duty Navy and Marine personnel, about 67,000 are women.

Nor did Dr. Rowe's involvement stop there. She was next asked to help design an "integrated dispute resolution system" that could be applied to different types of harassment complaints.

She began to believe in the commitment of the particular people she worked with, including Secretary O'Keefe, who had been appointed only a short time before, and Barbara Pope, the assistant secretary who spearheaded efforts for change.

In fact, Dr. Rowe spoke of the "extraordinary leadership and esprit de corps" of the dozens of women and men involved in designing change.

Secretary O'Keefe, who inherited the Tailhook and combat-duty-for-women issues, was outspoken in saying that the harassment issue "was the most important of his experience as Secretary," she said.

Assistant Secretary Pope, who Dr. Rowe said has been unflatteringly caricatured and persistently attacked by some men in the Navy and Navy Reserves, in Dr. Rowe's opinion "has shown courage, grace and powerful leadership on the issue of harassment."

She added: "The woman who heads the civilian personnel division has also been particularly effective in inspiring and coordinating an enormous amount of work. On the uniformed side, several male and female admirals and Marine generals, a woman Marine colonel and assorted captains and other ranks—women and men, Navy and Marine, black and Latino and white—have been working closely for months with many task-force teams for 14-hour days."

Asked to describe some of the matters she worked on, Dr. Rowe replied: "The Navy is picking up on what are currently seen around the country as some of the more successful elements of programs to prevent, stop and deal with harassment. If they go forward in their present plans, they will be doing two noteworthy things. The first is that they are innovating in some respects. The second is that they are determined to create an integrated dispute-resolution system rather than just one prevention program or grievance channel."

In designing the dispute-resolution system, Dr. Rowe said, the Navy decided to build its harassment-prevention program "directly and explicitly on the core values of the Navy and Marines, thus anchoring this effort directly on the central ethos of the service."

She provided this overview of the program: "Since the Department of the Navy's analyses indicated that alcohol plays a substantial role in abuse and harassment, the new program has integrated harassment training with alcohol-abuse training. In fact, harassment training is to be integrated into many other training programs—basic training, training for new commanding officers and the like. While most of the new program is oriented toward education and prevention, the Navy is also calling for mandatory processing toward administrative separation for certain proven, egregious acts of sexual harassment (for example quid pro quo harassment and sexual assault).

"There has been a careful review of many recommendations made in the past by broadly based study groups concerned with women's issues and careful study of Navy/Marine data collection on harassment and rape.

"A particularly interesting innovation is the adoption of a 'red light, yellow light, green light' logo and metaphor to communicate better about the complex subject of what is harassment and what isn't. The new training will include many examples of behavior that is 'red light' behavior—assault, repetitive sexist and racist stories and jokes, etc.; 'yellow light' behavior—caution areas; and 'green light' behavior—for example, appropriate supervisory criticism, commendations and compliments.

"The stoplight metaphor and the training attached to it are also to be integrated with the idea of 'individual responsibility and leadership' at all levels. A person who is harassed—especially by 'red light' behavior—is strongly encouraged not to ignore it, to prepare to deal with it, to seek advice from one or another of the Navy's resource groups and then to choose an option for action. (In fact the women Marines who designed the Marine training program chose to use the unusual word 'recipient' rather than the word 'victim' to describe a harassed person, in order to underline the individual responsibility that should be assumed by a person who is harassed, to empower that person to take action as she or he would in any other instance of witnessing unprofessional activity, and in order to underscore that person's right to make her or his own choices about appropriate options.)

"A person who is told by a complainant or a third party that she or he is harassing is urged to take responsibility for behaving thereafter in a completely professional manner, whatever that person's belief with respect to the appropriateness of the complaint. Bystanders are to take responsibility for interrupting and preventing harassment. And supervisors may not ignore any harassment which they see or which is reported to them, but must act, appropriately and fairly.

"In order to provide prompt, confidential advice to all, the Navy instituted an anonymous 800-line which is receiving many calls—some from supervisors, some from alleged harassers, as well as from people with complaints.

"The Navy is structuring a system with many informal and formal options for complainants. It is writing a skills booklet with sections addressed simultaneously to complainants, to people who are told they are harassing, to bystanders and to everyone in the chain of command, so that each person involved in a complaint will know the advice that is being given to others. Like many other employers, the Navy is integrating its approach to include all forms of harassment, with explicit recommitment to leadership with respect to race."

Will it work? "That of course is the only really important question," said Dr. Rowe. "Decent people think it has to work."