

Heavily used classrooms to be refitted

■ By Robert J. Sales
News Office

Plans to gut and renovate 33 "workhorse" classrooms, starting with 10 in Building 2 this summer, were announced by Provost Joel Moses at this month's faculty meeting on February 19.

The announcement capped a whirlwind effort involving the commitment and cooperation of faculty, administration and staff.

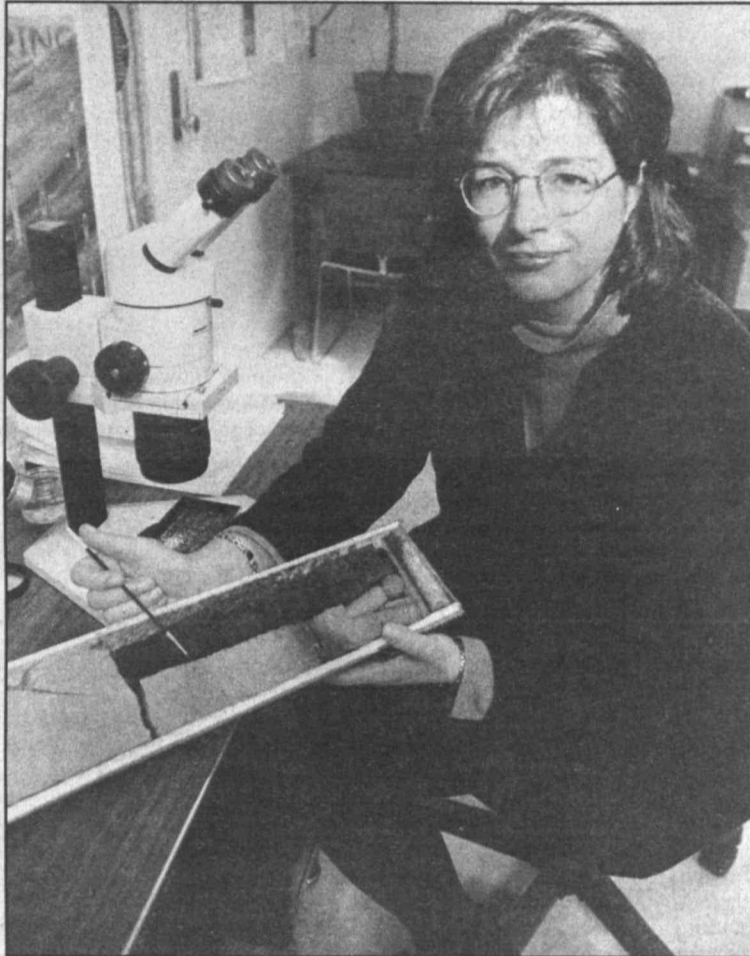
In an interview after making the announcement, Dr. Moses said, "We are committed to bringing our teaching environment up to the standards of excellence for which MIT teaching and research are known."

Professor Lawrence S. Bacow, chair of the Faculty Policy Committee, who provided early support and impetus for the project, was pleased that it proceeded expeditiously and smoothly.

"These renovations will be greeted with great enthusiasm by both faculty and students," said Professor Bacow. "It's very gratifying. After all, teaching and education are at the core of our mission."

Dr. Moses noted that the renovations mark a rebirth of Project 2000 started by the late Dean Margaret MacVicar. Eventually, all of the Institute's classrooms will be updated. Many of the "workhorse" classrooms have not been updated for years, except for periodic painting and the occasional replacement of lighting fixtures.

In addition to those upgrades, the renovations this summer will encompass heating and air conditioning, new furniture, modern chalkboards, and storage areas for (continued on page 8)



Assistant Professor Maureen Raymo, a marine geologist, holds an ocean-bottom sediment core sample used in her studies of deep-sea biodiversity. Photo by Donna Coveney

Jackson to give keynote talk at student physics conference

■ By Robert J. Sales
News Office

MIT alumna Shirley Ann Jackson, who inspired the founder of the National Conference of Black Physics Students (NCBPS), will be the keynote speaker when the group returns to its MIT roots for its 11th annual meeting from February 28 to March 1.

In 1986, Dr. Jackson's photograph on the cover of *Ebony* impelled MIT graduate student Cynthia R. McIntyre

to organize the first NCBPS conference. Dr. McIntyre (PhD '90), now the Commonwealth Professor of Physics at George Mason University, will return to the MIT campus to run the faculty/recruiter workshop at this year's conference.

Professor McIntyre invited graduate student Manyalibo Matthews to chair the conference this year. Mr. Matthews, 26, attended his first NCBPS conference while an undergraduate at (continued on page 8)

Climate changes affect deep seas, scientists find

Changes in climate affect the biodiversity of even the deepest-dwelling animal communities in the ocean, according to a new finding by scientists at MIT and the US Geological Survey.

The research counters the long-held "stability-time" hypothesis that deep-sea life—three kilometers or more beneath the surface of the ocean—is insulated and relatively impervious to large-scale climatic changes at the water's surface. Those changes take place over a few thousand to tens of thousands of years, a period of short time on the evolutionary scale.

"Our evidence suggests that deep-sea environments undergo climatically driven temperature, nutrient and organic carbon flux changes during glacial-interglacial cycles," said Maureen Raymo, assistant professor in the Department of Earth, Atmospheric and Planetary Sciences.

"We discovered that there were changes in dominance in species and that diversity decreased during glacial periods," she added. "This is the first study to systematically put the stability-time hypothesis to the test."

Professor Raymo, a marine geologist, and colleague Thomas Cronin, a paleontologist at the US Geological Survey, published their findings in the February 13 issue of *Nature*.

Little is known about deep-sea bottom or "benthic" life. It was only the late 1960s when scientists discovered that the deep sea supported high species diversity. Professor Raymo said the deep sea must be viewed as an integral part of the global ecosystem.

"We're learning about how our world and the environment and the plants and animals that live in it are affected by climate. We want to see how dramatic the effects can be and how rapidly communities can adjust to them," she said.

In their research, Drs. Raymo and Cronin studied communities of tiny crustaceans called ostracodes that live many kilometers below the ocean's surface in the North Atlantic Ocean. There are more than 15 species of ostracodes.

The scientists studied the fossilized remains of ostracodes in a 200-meter-long core of sediment drilled from the deep North Atlantic in an area called Site 607. The core was obtained by the Ocean Drilling Program, which is funded by the National Science Foundation and a consortium of 15 member nations.

Looking down the core is like taking an archaeological trek millions of years into the past, Professor Raymo said. She was able to see changes in the diversity of ostracode species during glacial and interglacial periods by making geochemical and faunal measurements on the sediment core.

41,000-YEAR CYCLES

Drs. Raymo and Cronin discovered that ostracode biodiversity increased and decreased in time with 41,000-year climate cycles. Those cycles are related to a periodic wobble in the tilt of the Earth's axis of rotation caused by gravitation.

"We measured trends in biodiversity from 2.3-to-2.8-million-year-old microscopic fossil shells," Professor Raymo said. "We found that the bottom-dwelling communities living in the North Atlantic have been inherently unstable in the face of past global climate changes. The community of ostracodes varied greatly, decreasing in diversity during cold glacial periods and recovering species richness during warmer periods."

Professor Raymo said that the research not only challenges the stability-time hypothesis, but also underscores the importance of studying the past to better understand biodiversity over long time scales and into the future.

"Predicting the impact of human activities on climate and, in turn, on biodiversity will remain difficult until we gain a better understanding of how climate has affected biodiversity in the past," she said. "And this is causing people to rethink their understanding of deep-sea ecology."

The research was funded by the US Geological Survey Global Change Program and an American Chemical Society grant.

Feshbach fest



Human rights activist Yelena Bonner greets Institute Professor Emeritus Herman Feshbach at a February 14 party in honor of his 80th birthday, held at the Faculty Club and the American Academy for Arts and Sciences. With the help of a translator, Ms. Bonner regaled guests with tales of the help by Professor Feshbach, a pioneer in theoretical nuclear physics, in smuggling her husband Andrei Sakharov's work out of the Soviet Union. "He wasn't worried about the KGB—he only worried about his wife finding out," she quipped.

Photo by Donna Coveney

Parking and T pass updates

T PASS HOURS EXTENDED

The Parking and Transportation Office (Rm E32-105) is now open until 6pm during the last three business days of each month to issue MIT-subsidized MBTA passes. The hours of distribution during the last three business days of the month are as follows:

Parking and Transportation Office—9am-6pm
Lobby 10—10am-3:30pm
The Source (Student Center)—9am-5pm

All passes that aren't picked up during the last three business days (February 26-28 for March passes) at the above locations will be available in the Parking and Transportation Office from 9am-4pm the rest of each month. Any participant who wants to change pickup locations may do so by sending e-mail to <mitparking@mit.edu>. Those who would like to begin participating in the subsidized MBTA pass program should see their department's parking coordinator or call x3-9701.

(continued on page 8)

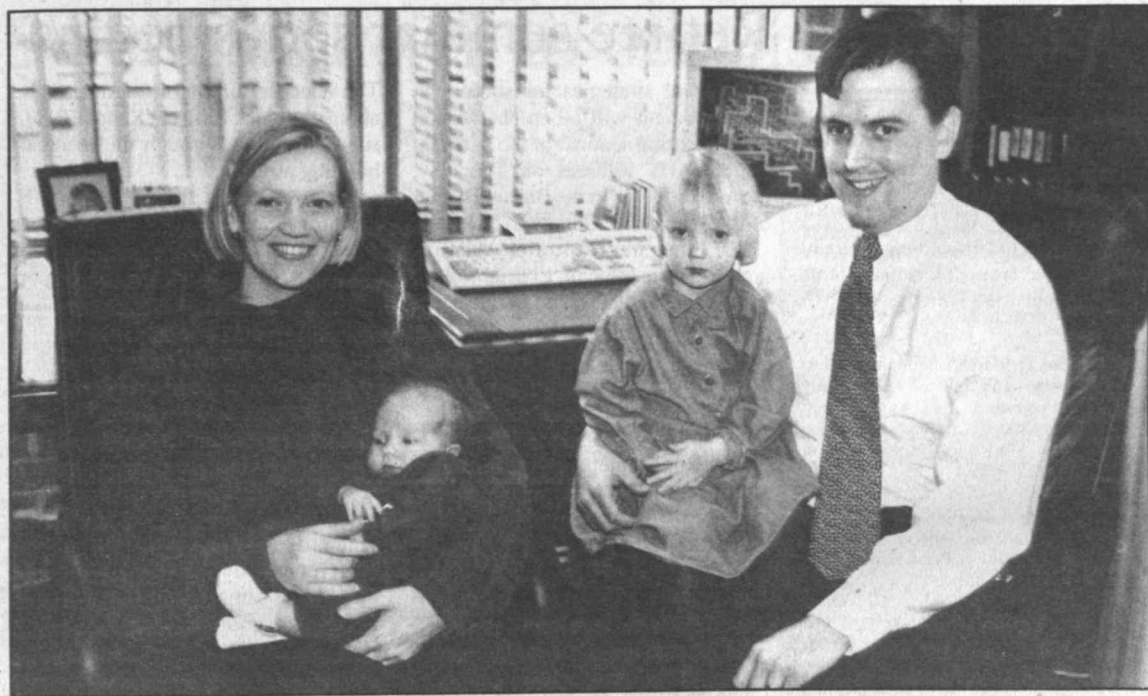
IN BRIEF

MEDICAL SURVEY

The Medical Department will conduct a random telephone survey of several hundred campus and Lincoln Lab employees to ascertain how MIT Medical might better meet the health care needs of employees and their families. Participation in the survey is entirely voluntary. Surveyors will call employees at their offices between early March and mid-April 1997. For more information, contact Mary Hertema, marketing administrator, at x3-1322.

RECYCLING EXTENDED

Phone book, magazine and softcover publication recycling has been extended until mid-March. The containers are located in the parking lot of Building E17, the Building 56 loading zone, and between Buildings 13 and 11. Direct questions to recycling coordinator Jennifer Combs, x3-7671, or <jcombs@mit.edu>.



LeAnn Lindsey and her husband Justin Lindsey, who founded the software development company JLM in 1994, sit in his office with their children, Taylor and Rachael. Photo by Donna Coveney

Three engineering chairs awarded

Two Ford chairs and a professorship in recognition of teaching have been announced by the School of Engineering.

Professors Philip M. Gschwend of the Department of Civil and Environmental Engineering and Earl Murman of the Department of Aeronautics and Astronautics have been named Ford Professors of Engineering.

Professor Gschwend's research involves assessing the fates of organic compounds in the environment. His work has focused on the occurrence of polycyclic aromatic hydrocarbons and halogenated solvents in ground water and sea water, on the sorption and volatilization phenomena affecting such chemicals, and on transformations such as dehalogenations.

He has won his department's outstanding teacher award as well as the 1995 Bose Award for Teaching Excellence, and he is co-author of the text *Environmental Organic Chemistry*. Professor Gschwend came to MIT as a postdoctoral associate in chemical engineering in 1979; he was subsequently hired in 1981 as an assistant professor of civil and environmental engineering and was promoted to associate professor in 1986, won tenure in 1987 and achieved the rank of full professor in 1993. He holds the BS from Caltech (1973) and the PhD from the Woods Hole Oceanographic Institution (1979).

A researcher in the field of computational fluid dynamics, Professor Murman is a former head of his department and director of Project Athena. His career includes service on several other MIT and government committees as well as with the

Lean Aircraft Initiative. He holds the BSE (1963), the MA (1965) and the PhD (1967) from Princeton and worked as a research scientist for several companies before joining the MIT faculty as a professor of aeronautics and astronautics in 1980.

Others who were recently named to Ford chairs, which recognize contributions to recipients' disciplines and the School of Engineering, are Professors Barbara Liskov and Alan Oppenheim of the electrical engineering and computer science (see MIT Tech Talk, November 6, 1996) and Harry Asada of mechanical engineering (MIT Tech Talk, February 12).

The newest School of Engineering Professor of Teaching Innovation is Anthony Patera, professor of mechanical engineering. The chair recognizes teaching excellence and supports initiatives in research and teaching programs. From 1989-94, Professor Patera was co-director of the MIT Supercomputer Facility, which aimed to make supercomputer

cycles available for undergraduate and graduate education. He was also involved in setting up the Hypermedia Teaching Facility, and he received the Den Hartog and Spira awards for excellence in teaching in 1987 and 1994, respectively. Professor Patera's research interests are in computational methods,



Patera

numerical analysis, fluid mechanics, heat transfer, optimization, and parallel processing.

After receiving the SB (1978) and SM (1980) in mechanical engineering and the PhD (1982) in applied mathematics, all from MIT, he became an assistant professor at the Institute. He was promoted to associate professor in 1985, received tenure in 1988 and became a full professor in 1991.

Ross named to new materials science chair

The Lord Foundation of Massachusetts has established a new career development professorship in the Department of Materials Science and Engineering.

The first professor to hold the Lord Foundation Career Development Assistant Professorship of Materials Science is Dr. Caroline Ross, whose research expertise is the magnetic and mechanical properties of thin films. Professor Ross' appointment was announced by



Ross

Thomas W. Eagar, department head and POSCO Professor of Materials Science and Engineering.

"We are very pleased that Professor Ross has decided to join our faculty," he said. "She brings leading edge expertise in the rapidly expanding area of magnetic media in which the problems of materials science are controlling our ability to create ever greater storage capacity. We are also delighted that the generosity of the Lord Foundation of Massachusetts will create this chair and the equipping of Dr. Ross' new laboratories. Such support is vital for MIT to attract the best young faculty."

The Lord Foundation of Massachusetts was established by the estate of Thomas Lord, the son of the founder of the Lord Corp., in order to strengthen the interactions between that company and MIT. The Lord Corp. is a privately held company with expertise in adhe-

sives, vibration damping and control. Its headquarters are in Cary, NC, and it has manufacturing facilities in Erie, PA, and Dayton, OH.

Professor Ross received the BA with first-class honors from Cambridge University, England (1985) in materials science and metallurgy, and then continued at Cambridge for the PhD (1988) on electromigration in thin metal films. She spent two years as a postdoctoral fellow at Harvard, working on interdiffusion in electrodeposited multilayers, and in 1991 she became a research scientist at Komag, Inc., the leading merchant supplier of memory disks for magnetic storage devices. She arrived at MIT this month as assistant professor in materials science and engineering.

"I am very enthusiastic about the opportunities available for research at MIT, and I am looking forward to initiating research projects in the areas of magnetic materials and thin films for storage and sensor applications," Dr. Ross said. "The possibility of combining expertise from different departments, including physics and engineering, in order to design and make magnetic devices is particularly exciting. I am grateful to the Lord Corp. for providing support for my appointment."

Professor Ross researches the magnetic and mechanical properties of thin films used in magnetic storage media and recording heads. Current media are made with sputtered films 10-20nm thick. Designing high-end media requires a detailed understanding of the relation between film microstructure and magnetic and mechanical properties. She is interested in thin film struc-

Firm started by students takes balanced approach

By Donna Coveney
News Office

From its inception, the software firm JLM has viewed itself as a team. Programmers manage their own time. They take time off when they need it. They are not second-guessed.

"People know we care," says Justin Lindsey, who left MIT to found the company in 1994 with his wife LeAnn (SB '94) and another friend, who has since left the firm. Mr. Lindsey is now back in school at MIT and expects to receive his degree in electrical engineering and computer science next year.

"Everyone in this company is either my friend or a friend of a friend that's here," Mr. Lindsey says. "We do a lot of stuff outside work together."

These activities include a daily table hockey tournament and a corporate hockey team (three of the original JLM team members met at MIT playing intramural hockey). One old friend living in California came east to work at JLM and brought another close friend with him.

Jeremy Warren, who has been working at JLM for two years and is also a former MIT student, loves his job. "It's a good atmosphere," he says. "It's great to work with people I know and get along with, and we have a lot of leeway. It's a challenge to design and implement our own projects, and it's a lot of fun."

Ras Nukovic (SB '96) agrees. "Everyone is really nice here, and understanding," he says. "The atmosphere is not high-pressure, and everyone is trying to do their best."

Mr. Lindsey knew from previous work experience about the punishing working hours often logged by programmers. When JLM was founded in 1994, Mr. Lindsey and his wife vowed not to overwork or make unreasonable demands on employees.

JLM hires MIT students to work part-time and tries to get a feel for their personalities and how they interact with colleagues. In a system such as theirs, "one bad egg can sour things for the whole team," Mr. Lindsey says. Some of them are hired when they graduate, in effect creating a farm system arrangement with MIT for the JLM team.

"That way, we have already worked with everyone we hire full-time," he says. "MIT grads have incredible skills and learning curves; they are faster and better than anyone else. Though an MIT education may be a painful method of teaching, people learn."

Maintaining JLM's low-key environment isn't easy. With growth come client demands and deadlines that don't easily reconcile with the company's philosophy. As the pressures increase, Mr. Lindsey finds himself getting over-protective of his employees' time.

"We guard against [overwork] almost like a religion," he says. At MIT or some other companies, "It's a pride thing to say, 'Why not work 110 hours a week?' Everyone here could do that, but we choose not to."

Ms. Lindsey, who handles accounting, taxes, payroll and some legal issues, loves the flexibility. "I can work from home and be with my kids," she says. "Jobs in chemistry wouldn't offer me that option." The Lindseys' three-year-old daughter Rachael is a regular at the office, and one-month old Taylor will most likely become one as he gets older. They expect to hire an accountant in the future, at which point she would like to be more involved in the software development process.

Located in the American Twine building in East Cambridge, JLM has expanded workspace and positions as cash flow allowed. The company has never taken out a loan or received outside investment, but as they are now poised to expand further, he acknowledges that the firm now needs to raise capital.

The biggest project they have undertaken to date was the development of Realtime Delivery of EDGAR Documents (Electronic Data Gathering Analysis Retrieval). It was one of the earliest products to allow users to send and receive documents over the Internet in minutes. Though other packages have since become available, Mr. Lindsey says that JLM's is still the fastest software of its type.

Because technology will continue to grow in importance, the Lindseys see a niche for JLM as a partner to help companies develop and execute a technology strategy. The firm has 10 employees (six full-time and four part-time). Mr. Lindsey says he could imagine expanding to 200-300 employees, but beyond that, growth will be contingent on maintaining their corporate values.

"Our employees are our most valuable asset," Ms. Lindsey says.

League plans breakfasts

The Women's League is introducing "power breakfasts," a series of informal morning get-togethers for women in the MIT community starting next month.

Breakfasts are scheduled early enough on weekdays to encourage women with work responsibilities to participate. Each breakfast will feature a menu prepared by chef Peter Rhein, a faculty or staff guest speaker and the opportunity for informal conversation with colleagues.

The first breakfast is scheduled for Wednesday, March 26, from 8-9:30am. Seating for each breakfast is limited to 32 guests who make reservations by purchasing a ticket from Sis de Bordenave, administrative coordinator in the Women's League office, Rm 10-342. Tickets are available on a first-come, first-served basis for \$10 each.

The guest speaker on March 26 will be Rosalind Williams, dean for undergraduate education and student affairs. She will informally discuss her goals and objectives in her new role, reflecting on her professional choices. Starting in 1980, Professor Williams has worked in the Program in Science, Technology, and Society and the Program in Writing and Humanistic Studies. She was associate chair of the faculty from 1991-93.

Addendum

An article in the February 12 issue of MIT Tech Talk about Professor Richard O. Hynes winning the Gairdner Award listed several other MIT faculty members who have also won that award, including three who went on to win the Nobel Prize. The list of previous Gairdner recipients should also have included Professor H. Gobind Khorana, who received the award in 1980; he was a 1968 co-winner of the Nobel Prize in medicine or physiology.

Scientists listen to oceans for clues to impact on climate

MIT scientists and colleagues have moved a step closer to uncovering some of the mysteries of the ocean's impact on climate. Using sophisticated computer modeling technology developed at MIT, they combined satellite measurements of sea-surface undulations with measurements of how sound travels through the Earth's great bodies of water to describe circulation in the Western Mediterranean.

Oceans store and transport enormous amounts of heat, and their circulation plays an important role in determining the Earth's climate. Measuring circulation on a global basis has, however, proven a difficult and expensive task. Only recently have the required technologies started to catch up with theory in measuring ocean circulation.

In a paper that appeared in the February 13 issue of *Nature*, MIT scientists and colleagues in Germany and Australia present a picture of circulation in the Western Mediterranean. Their work is based on a systematic combination of sophisticated computer models, highly accurate satellite altimeter measurements of the sea surface shape, and subsurface acoustic tomographic data of heat content. A much larger-scale version is now operating over much of the Pacific Ocean, and the intention is eventually to make the system fully global.

"Climate change is inevitable, and the ocean is a major factor in that change. Unless you understand what the ocean is doing today, you won't be

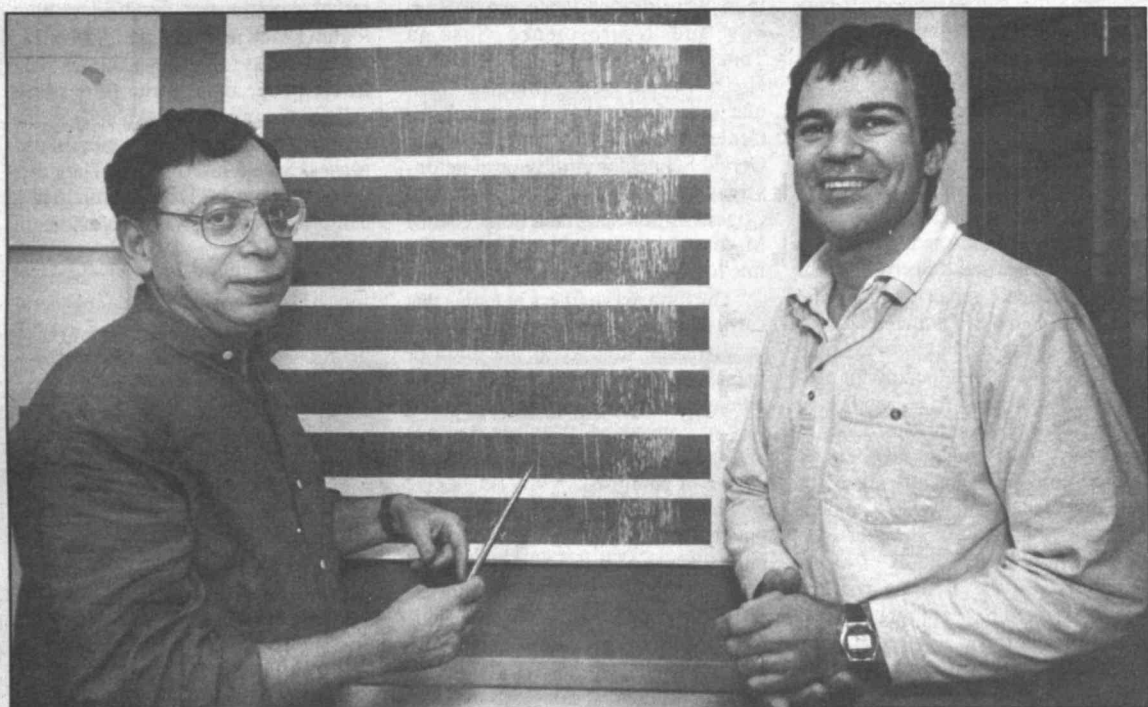
able to predict how it might behave in the future," said Carl I. Wunsch, Cecil and Ida Green Professor of Physical Oceanography in the Department of Earth, Atmospheric and Planetary Sciences (EAPS). "However, our immediate goal is not to predict the ocean, but to determine to what degree it is predictable."

Professor Wunsch is co-author of the paper along with research scientist Dimitris Menemenlis and research engineer Chris N. Hill, both of EAPS; Tony Webb, senior lecturer at University College, Canberra, Australia; and Uwe Send, associate professor at the Institut für Meereskunde in Kiel, Germany.

In a related *Nature* article in the same issue, Professor Send and colleagues present acoustic tomography data for the Western Mediterranean. The data were gathered during an experiment on the feasibility of acoustically monitoring seasonal changes in the Mediterranean.

PAVING THE WAY

Professor Wunsch said the work shows the capability which is emerging from a 20-year effort to develop observation and modeling techniques to the point where oceanographers can determine the motion of the ocean in time and three dimensions. In 1978, he and Professor Walter Munk of the Scripps Institution of Oceanography proposed the use of long-range acoustics for measuring the ocean and later pointed out the natural complementarity of acoustic tomography, satellite al-



Professor Carl Wunsch and research scientist Dimitris Menemenlis of earth, atmospheric and planetary sciences, display their acoustical data on circulation in the Mediterranean. Photo by Donna Coveney

timetry and numerical models for observing the oceans.

"This is the first time we have been able to demonstrate their ideas in practice with real altimeter and acoustic data," said Dr. Menemenlis. "The technology simply wasn't mature enough earlier."

A new computer model of ocean circulation developed at MIT plays a central role in this work. The model,

which exploits advanced parallel computing technology, was developed by John C. Marshall, professor of atmospheric and oceanic sciences in EAPS, in collaboration with Dr. Arvind, the Charles W. and Jennifer C. Johnson Professor of Computer Science and Engineering, and their respective groups (Professor Arvind is also affiliated with the Laboratory for Computer Science). "With the

ever-growing power of parallel computers and languages, a synthesis of ocean observations on a truly global scale is within reach," said Professor Marshall.

Satellite altimeters flying 1,300 kilometers above the ocean use radar to measure the shape of the sea surface to an accuracy of a few centimeters. The shape of the sea surface gives scientists an accurate measurement of large-scale currents.

Because the ocean is salty, it is a good electrical conductor, and therefore it is not possible to use light or any kind of radio wave to penetrate it. That is why satellites can only measure properties of the sea surface, and acoustic measurements are required to sample the interior ocean.

ENVIRONMENT CONSTRAINTS

Scientists have known since at least 1944 that it is possible to send sound over long distances through the ocean. But measuring those sounds accurately is technically demanding: undersea loudspeakers must be able to function at depths of 1,000 meters or more and at about 100 atmospheres of pressure.

The acoustic tomography system works by sending a series of coded signals from an acoustic source, or underwater loudspeaker. "The primary information we are looking for is how warm or how cold the water is along the propagation path and how the water flows," said Dr. Menemenlis. "The warmer the ocean, the faster the sound propagates."

The sound that the speakers make is less than that of large breaking waves or big ships. It is comparable to the intensity of a stereo system playing at a depth of one kilometer. The signals are picked up by receivers thousands of kilometers away by making use of signal-processing technology similar to that used for detecting faint signals from distant spacecraft.

"We are concentrating on how one can bring the acoustic measurements of the interior ocean together with satellite measurements of the sea surface to produce a consistent estimate of what is going on in the ocean," said Dr. Menemenlis. "Through these innovative technologies we can recover a picture of the state of the ocean without disturbing its rich, fascinating, and precious environment."

The new measuring systems will enable scientists to begin to track shifts in ocean circulation, Professor Wunsch said. Virtually all climate models suggest there will be major shifts in climate over the next several decades—perhaps in the form of global warming. However, there are not enough data so far on the oceans to reach any reliable conclusions.

"For example, rising sea levels are an immediate threat to enormous human populations," Professor Wunsch said of the dangers of major climatic shifts. "One has to understand what is going on out there."

Nominations solicited for Institute awards

Nominations are open for 12 Institute awards to be presented at the annual Awards Convocation on Wednesday, May 14.

The event is designed to honor members of the student body, faculty and staff who have made notable contributions to the life of the MIT community.

To nominate someone, write a letter describing the nominee's qualifications and accomplishments and send it, as well as other supporting documents, if available, to the Awards Committee, Rm W20-549. The deadline for nominations is Friday, March 21.

A brief description of each award follows.

The Karl Taylor Compton Prizes, given in memory of MIT's ninth president, are the highest awards presented by the Institute to students and student organizations in recognition of achievements in citizenship and devotion to the welfare of MIT. They reflect outstanding contributions to the MIT community as a whole, sustained over a significant number of years.

The William L. Stewart Jr. Awards are in memory of William L. Stewart Jr., an alumnus and member of the Corporation who showed deep interest in student life at MIT. The Stewart Awards recognize contributions by an individual student or student organization to extracurricular activities and events during the preceding year.

The Albert G. Hill Prize is awarded to the minority junior or senior who has maintained high academic standards and made continued contributions to the improvement of the quality of life for minorities at MIT. A former vice president for research, Dr. Hill was an early champion of equal opportunity at MIT.

The Laya W. Wiesner Award honors Mrs. Wiesner's contributions to women's activities during her time as first lady of MIT. It was established in 1980 by the MIT Women's League and is presented to the undergraduate woman student who has most enhanced MIT community life.

The James N. Murphy Award was established in memory of the immeasurable contribution to community life at the Institute by a staff member. It is given to an employee whose spirit and loyalty exemplify this kind of inspired and dedicated service, especially with regard to students. Sustained con-

tribution is a criterion for the Award, but longevity, in itself, is not.

The Irwin Sizer Award for the Most Significant Improvement to MIT Education is presented to any member or group in the Institute community to honor significant innovations and improvements to MIT education. The award is named in honor of Irwin W. Sizer, dean of the Graduate School from 1967-75.

The Laya and Jerome B. Wiesner Awards honor Dr. and Mrs. Wiesner for their contributions to the arts at MIT. The award was established in 1979 by the Council for the Arts at MIT and provides two annual awards to students (graduate or undergraduate), organizations, living groups, or activities for achievement in the creative arts and in the performing arts. The range of contributions is wide and includes creative work in literature, music, drama, visual arts, photography, film, and dance, among other art forms.

The Louis Sudler Prize in the Arts is presented to a graduating senior who has demonstrated excellence or the highest standards of proficiency in music, theater, painting, sculpture, design, architecture or film. The prize is made from a fund established by Louis Sudler, a performer in the arts and an arts patron from Chicago.

The Edward L. Horton Fellowship Award is given in memory of Edward L. Horton, a doctoral candidate in physics, to honor his spirited contributions to graduate student life at the Institute. The award will be presented to any student group that fosters fellowship within the graduate student community. This award was established by the Graduate Student Council upon the untimely death of Mr. Horton in 1982.

The Association of MIT Alumnae (AMITA) Award is for a woman who has demonstrated the highest level of academic excellence through coursework and related professional activities at MIT.

The following two awards have nomination procedures that differ from those listed above:

The Gordon Y. Billard Award is made to "a member of the faculty, nonfaculty employee or one not necessarily affiliated with the Institute, for special service of outstanding merit

performed for the Institute." The award was established by Mr. Billard, a member of the Class of 1924. Nominations for this award should arrive at the Office of the Vice President for Human Resources, Rm E19-220, no later than Friday, March 14.

The Goodwin Medal is presented to a graduate student whose perfor-

mance of teaching duties is "conspicuously effective over and above ordinary excellence." This award was established in memory of Henry Manley Goodwin, the first dean of the Graduate School. Nominations for this award should be sent to the Office of the Dean of the Graduate School, Rm 3-138

Program seeks A+ papers

The Ilona Karmel Writing Prizes Competition, sponsored by the Program in Writing and Humanistic Studies, is accepting manuscripts from undergraduate and graduate students through Monday, April 7.

The 37 prizes carry cash awards and are given to students whose essays, plays, poetry, fiction and technical papers are judged to be of the highest quality by a committee of faculty and staff members.

This year, the Louis Kampf Writing Prize in Women's and Gender Studies, named in honor of professor emeritus in Literature Louis Kampf, will be taking entries in the category of fiction with a primary focus on women and/or gender. The award, which is co-sponsored by the Program in Women's Studies, is in its second year. Edward Barrett, senior lecturer in the Program in Writing and Humanistic Studies, is the competition chairperson. He encourages interested students to submit their best efforts and asks faculty members who receive outstanding undergraduate papers to urge the students to enter the competition.

The prizes are:

- The Ellen King Prize for Freshman Writing, for writing in all categories (short story, poetry, essay, drama). First prize, \$150; second, \$75; honorable mention, \$25.
- The Robert A. Boit Writing Prize, for undergraduates in the categories of essay, poetry and short story, with prizes in each category. First prize, \$250; second, \$150; third, \$100, honorable mention, \$50.
- The Boit Manuscript Prize, for

undergraduate work in fiction, poetry, essay, or drama of substantial length, completed or in progress. This prize is for longer works or collections that give evidence of publishable quality. First prize, \$300; second, \$150; honorable mention, \$75.

- The S. Klein Prize for Scientific and Technical Writing, for outstanding interpretive writing on scientific and technological subjects by undergraduate and graduate students. Entries should be specifically intended for a nonspecialized but educated audience. First prize, \$300; second, \$150; honorable mention, \$50.

- The Dewitt Wallace Prize for Science Writing for the Public, for writing by undergraduates for lay audiences on issues and developments in science, medicine or engineering. First prize, \$300; second, \$150; honorable mention, \$75.

- The Writing and Humanistic Studies Prize for Engineering Writing, for undergraduate writing on any topic of professional interest to engineers. First prize, \$200; second, \$100; honorable mention, \$50.

- The Louis Kampf Writing Prize in Women's and Gender Studies, for writing focused on women and/or gender. The category alternates annually between nonfiction and fiction; for 1996-97, the category is fiction. First prize, \$300.

For more information, visit the Program in Writing and Humanistic Studies office in Rm 14E-303 or its Web site at <<http://web.mit.edu/humanistic/www/>>, where prize descriptions, entry rules and cover sheets are available.

The Arts

Feb Remainders

26 Weds

Student Clarinet
Advanced Music Performance (AMP) concert by Chris Rohrs '99, clarinet. Schumann, Lutoslawski and Copland with guest pianists Jon Yi '97 and Cathy Labelle (G). 5pm, Killian Hall. (Program repeated at Lincoln Lab, Feb 28, 12noon.)

Down and Dirty (Taking It All Off)
Auditions for Dramashop's collective theater piece directed by Assoc Prof Brenda Cotto-Escalera. Bring 1-minute monologue, clothes to move in & any other talents. Sign up outside W16-018. 7-10pm, Kresge Reh Rm B. 253-2908 or ds_officers@mit.edu

27 Thurs

Guitar Duo
Mark Small and Robert Torres. Grieg, Bach, DeFalla and Bellinati. 12noon, Chapel.

Schnitzer Prize Workshop
How to apply for Schnitzer Prize in the Visual Arts, awarded to registered MIT students, based on a body of work. Applications at the SAA (W20-429), Campus Activities Complex W20-500, Office of the Arts (E15-205). 5:30pm, Student Ctr Private Dining Rm 1 & 2. 253-7019

Poetry @ MIT
Poet/translators Martha Collins and Carolyne Wright. 7:30pm, Bartos Theater (E15). 253-7894

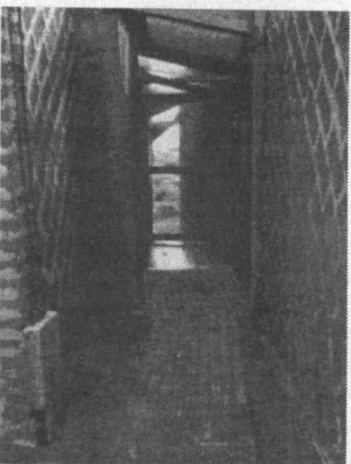


27-28 Thurs/Fri

Within the Forbidden City
Drama in English by Dr. Doris C.J. Chu of Boston's Chinese Cultural Institute: \$8 MIT students, \$10 MIT faculty/staff, \$12 other college students, \$14 advance sale (\$20 at door). 8pm, Kresge Little Theater. 253-7731

28 Fri

authors@mit Series
Assoc Prof of Architecture Ann Pendleton-Jullian, principal architect, Atelier Jullian & Pendleton in Boston, will discuss her book, *The Road that is Not a Road and the Open City, Ritoque, Chile*. 6pm, Rm 14E-304. 253-5249 or email authors@mit.edu



March Arts

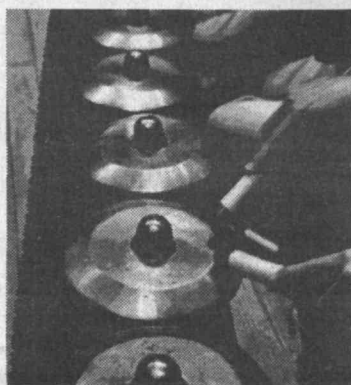
1 Sat

East African Faculty Concert
Asst Prof James Makubuya and The African Tropical Beat. Instrumental music, song and dance of East Africa. 8pm, Killian Hall.



2 Sun

Gamelan Galak Tika
Featuring a Balinese Monkey Chant specially staged by masked dance-master I Nyoman Cerita, and a mass "kecak-a-long." \$5, free for children under 12 and with MIT ID. 2pm, Kresge Aud. 253-2826 or email galaktika@mit.edu



5 Weds

Museum Gallery Talk
Kinetic sculptor Arthur Ganson on *Gestural Engineering: The Sculpture of Arthur Ganson* (see All Month right). 12noon, MIT Museum. 253-4444

AMP Piano
Jason C. Wong '99, piano. Beethoven, Schumann and Gottschalk. 5pm, Killian Hall. (Program repeated at Lincoln Lab, March 7, 12noon.)

6 Thurs

Chapel Concert
Pentamerus Winds. Works of Andriessen, Fine and Barber. 12noon, Chapel.

authors@mit Reading
Prof of Philosophy Irving Singer on "Meaning in Life: The Harmony of Nature and Spirit." 5:30pm, Humanities Library Reading Rm. 253-5249 or email authors@mit.edu

6-8 Thurs/Sat

Greater Tuna
Student workshop production performed by Andrew Berger (G) and John de Guzman '97. 8pm, Kresge Rehearsal Rm B. 253-2877

8 Sat

Jazz College Night
Ensembles from Boston University, Westfield State, Berklee College and the MIT Festival Jazz Ensemble. James O'Dell, director. Free in advance; \$2 at door. 7pm, Kresge Aud.

9 Sun

MITHAS Concert
MIT Heritage of the Arts of South Asia, with Neyveli Santanagopalan, Carnatic vocalist of South India. \$15, \$12, \$10 at the door only, \$2 discount for MIT students. 3pm, Wong Aud (E51, Tang Ctr). 258-7971

Concert Band
John Corley, director. 8pm, Kresge Aud.

11 Tues

Architecture Lecture
"Carlo Scarpa: Context and Development." Talk by Anne-Catrin Schultz, University of Stuttgart, visiting scholar at MIT. 6:30pm, Rm 10-250. 253-7791

12 Weds



Always Room for Cello
AMP recital by Peter Jung '99, cello. Beethoven, Schumann and Shostakovich. With Jon Yi '97, piano. 5pm, Killian Hall. (Program repeated at Lincoln Lab, March 11, 12noon.)



Through 12 Weds

Dean's Gallery Exhibit
Optimism: A 3-D Experience: Sculptures by Frances Pratt. The Dean's Gallery, Sloan School of Management, E52-466. Weekdays 9-5pm. 253-9455

13 Thurs

Chapel Concert
Michele Pinet, harp. Handel, Haydn, Debussy, Prokofieff and Joplin. 12 noon, Chapel.

13-15 Thurs/Sat

King John
Shakespeare Ensemble show directed by visiting lecturer and drama coach, Tina Packer of Shakespeare & Co. \$7, \$5 students/seniors, \$1 off/ticket for groups of 10 or more. 8pm, Student Ctr Sala de Puerto Rico. 253-2903 or email ensemble@mit.edu

14 Fri

Arts Grant Deadline
Final of three deadlines for 1996-97 Council for the Arts Grants funding. Forms available at the Office of the Arts, E15-205, 253-4005

Vocal Scholarship Recital
Soprano Jenny Sue Smith Lanni (G). Mohan Gurunathan '97 and Charles Shadle, piano. Selections from Harbison's Marabai Songs, Rossini's *La Regata Veneziana* and songs by Mozart, Berlioz, Saint-Saëns, Massenet and others. 8pm, Killian Hall.

15 Sat

Poetry Night at Wellesley
"Colored Girls with Pens: Writing by Women of Color." Readings by Carmen Abrego, founder of the International Women's Dance in Chicago; Nuar Alsadir, 1995-96 Writing Fellow at Provincetown's Fine Arts Work Ctr; and Sharan Strange, whose poems have been exhibited at New York City's Whitney Museum and Boston's Institute of Contemporary Art. 7:30pm, Wellesley TZE House (Society Rd, Wellesley). 253-5683



MITHAS Concert
With Buddhadev DasGupta, Calcutta's senior master of the traditional sarod style. \$15, \$12, \$10 at the door only, \$2 discount for MIT students; general admission. 8pm, Killian Hall. 258-7971

"Fresh Meat on Rye"
Improv by Roadkill Buffet with University of Indiana's Pumpnickle. 8pm, Rm TBA. rkb@mit.edu

MIT Symphony Orchestra
David Epstein, conductor. Schubert and Brahms with Andrés Díaz, cello; RoseMary Harbison, violin. \$2 at the door. 8:30pm, Kresge Aud.

18 Tues

Architecture Lecture
"Social Housing in Vienna." Talk by August Sarnitz, director, Otto Wagner Archiv, Vienna. 6:30pm, Rm 10-250. 253-7791

MIT Brass Ensemble
Lawrence Isaacson, director. World premiere of John Berners' *Baker House Melodrama*. Dukas, Handel and Holst. 8pm, Kresge Aud.

19 Weds

authors@mit
Prof Michael Dertouzos, director, Lab for Computer Science, will discuss his book, *What Will Be: How the New World of Information Will Change our Lives*, published by HarperEdge. 4pm, Wong Aud. 253-5249 or email authors@mit.edu

AMP Piano
Susan Shi '97, piano. Haydn, Schumann and Schoenberg. 5pm, Killian Hall. (Program repeated at Lincoln Lab, March 17, 12noon.)

20 Thurs

Harpichord/Viola Concert
Prof Marcus Thompson, viola; John Gibbons, harpsichord. 12noon, Chapel.



Martini-In-Transit Reading
Poets Rosanne Wasserman and Tomoyuki Iino read from their latest collections of poetry. 7:30pm, Bartos Theater. 253-6475

Opening at Dean's Gallery
New England Landscapes: An Interpretation in Pastel by Teresa M. McCue. Opening Reception-4:30-6pm. The Dean's Gallery, Sloan School of Management, E52-466. Show runs through April 30. Hours: Weekdays 9-5pm. 253-9455

20-22 Thurs/Sat

King John Closes
See 13-15 Thurs/Sat above.

21 Fri

North Indian Classical Music
MITHAS with Bharati Nanavati, khyal (vocal) and Sunil Banerjee, tabla. \$15, \$12, \$10 at the door only, \$2 discount for MIT students; general admission. 8pm, Killian Hall. 258-7971

23 Sun

Folk Dance with Live Music
MIT Folk Dance Club international dancing with music by the Cambridge Folk Orchestra. MIT/Wellesley students free, \$.25 others. 7-11pm, Student Ctr Sala de Puerto Rico. 253-FOLK or email fdc-request@mit.edu

Through 29 Sat

List Visual Arts Ctr
Joseph Kosuth. *Re-Defining the Context of Art: 1968-97*. Project at the LVAC and at venues in Cambridge and Boston: Kosuth questions art's traditional forms and the assumptions surrounding them.

The Shape of Breath. Seattle-based artist Jill Reynolds created this new project using glass and breath to give form to that which is normally invisible and to reflect upon breath as a site of language production.

PORT: Navigating Digital Culture. Thematic exhibition by artists who use the internet as their medium, organized by New York-based collaborative artnetweb. Visitors may participate in interactive real-time performances or observe them. Schedules and descriptions-http://artnetweb.com/port

List Visual Arts Ctr (E15). Hours: T-Th & Weekends 12-6pm; Fri 12-8pm; closed holidays. Curatorial Office Hours-Meet the curatorial staff for informal discussions and questions about art-Weds, 12:30-1:30pm

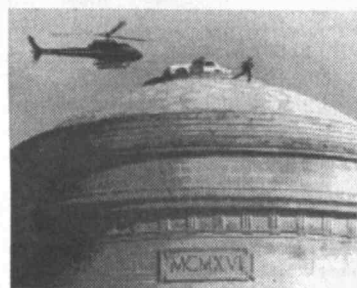
All Month

MIT Museum
What's So Funny About Science? The Cartoons of Sidney Harris. A hilarious look at unexpected and incongruous moments in science.



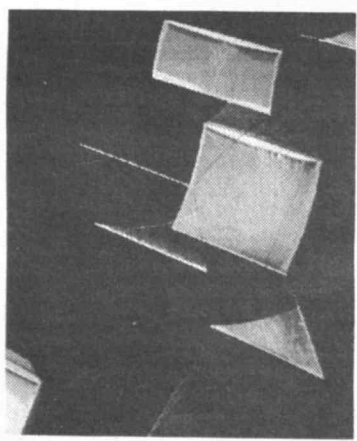
Maps from the Age of Atlases. Rare maps from the MIT Museum's Hart Nautical Collections.

Ongoing Exhibits: *Gestural Engineering: The Sculpture of Arthur Ganson*; *Lightforest: The Holographic Rainforest*; *Holography: Artists and Inventors*; *The MIT Hall of Hacks*; *Light Sculptures by Bill Parker*; *Math in 3D: Geometric Sculptures by Morton G. Bradley, Jr.*; *MathSpace*.



MIT Museum, 265 Mass Ave. Hours shortened to 12-5pm, Tuesday-Sunday through March 21. Admission \$3; \$1 students, srs & children 12 & under; free for members of the MIT community with valid ID. 253-4444

Compton Gallery
On the Surface of Things: An Exhibition of Images in Science and Engineering Photographs. MIT Artist-in-Residence Felice Frankel's work shows recent research in a variety of disciplines at MIT and other institutions. Compton Gallery. Weekdays: 9-5. 253-4444



All events are free unless prices are noted. All concerts: 253-9800 unless otherwise noted. MIT Arts Hotline: 253-ARTS. MIT Arts Web: http://web.mit.edu/arts/www/ Month-at-a-Glance is produced by the MIT Office of the Arts (253-4003) and ARTSNET. Design and production: Metcalf Design.

Black physics students to hold meeting at MIT

(continued from page 1)

the University of California at Davis. "I was the only black physics student I knew," recalled Mr. Matthews, who grew up in Berkeley, CA. "It was an eye-opening experience."

President Charles M. Vest and Professor Ernest J. Moniz, head of the Department of Physics, will welcome about 200 African-American graduate and undergraduate physics students to the campus on Friday morning, Feb. 28, to open the conference.

That afternoon, two distinguished physicists, University of Maryland Professor Sylvester J. Gates (SBs '73, PhD '77) and Dr. James M. Turner (PhD '71) of the Department of Energy, will lead a panel discussion on the theme of the conference, "Physics: The Possibilities Are Endless."

Nonacademic recruiters offering employment possibilities at the conference will include the Hughes Space and Communications Group, the Lockheed Martin Energy Research Corp., Corning Inc. and Los Alamos National Laboratory. College recruiters from George Mason, Alabama A&M, Fisk, Florida A&M, Penn State, Stanford, Johns Hopkins, the University of California at Berkeley, Ken-

tucky and the Princeton Plasma Physics Laboratory are also scheduled to attend.

After the students tour the MIT laboratories on Friday afternoon, Dr. Jackson (SB '68, PhD '73), will deliver the keynote address at dinner. The first African-American woman to receive a doctorate in theoretical solid state physics from MIT, she has been the chair of the Nuclear Regulatory Commission since July 1995.

The closing address at dinner on Saturday, March 1 will be delivered by Walter Massey, president of Morehouse College in Atlanta.

This year's conference was organized by a committee of MIT undergraduate and graduate students. In addition to Mr. Matthews, members of the committee are Sandra Brown, Marta Dark, Kimani Stancil, Grum Teklamariam, Alison Morgan, Alicia Jillian Hardy, David Hackett, Tehani Finch, Julio Dagraca, Pamela Blakeslee and Lyndie Williamson.

The conference is sponsored in part by NASA Goddard, NASA and the Department of Energy.

For more information, visit the Web page at <<http://www.mit.edu/people/mldark/necbps.html>>.

'authors@mit' kicks off new season of readings

The MIT Press Bookstore and the Humanities and Dewey Libraries have announced their second full season of talks and readings in the "authors@mit" series.

The series begins on Thursday, Feb. 27 at 6pm in Rm 14E-304 with a talk and slide show presentation by Ann Pendleton-Jullian, associate professor of architecture. She will speak about her new MIT Press book entitled *The Road That Is Not a Road and the Open City, Ritoque, Chile*. The event is free and open to the public. Refreshments will be served.

In her book, Professor Pendleton-Jullian tells the story of the Open City, a designed city still in formation that has no master plan—a hauntingly beautiful site resulting from collaboration between painters, poets, architects and engineers who are more interested in process than the end result. They are influenced by surrealism, the legacy of LeCorbusier and other modern utopians, as well as the heritage of South American landscape and culture.

Next on the series schedule is a talk by Professor of Philosophy Irving Singer, author of the trilogy *Meaning in Life* (Johns Hopkins University Press), on Thursday, March 6 at 5:30pm in the Humanities Library reading room. On Wednesday, March 19 at 4pm, Michael Dertouzos, director of the Laboratory for Computer Science, will give a lecture to launch his new book, *What Will Be: How the New World of Information Will Change Our Lives* (HarperEdge). This event is co-sponsored by the Industrial Liaison Program as part of its "Infinite Corridors: Research Perspectives from MIT" video series produced by the Center for Advanced Educational Services.

In April, former Gay Community News editor Amy Hoffman will read from *Hospital Time* (Duke Uni-

versity Press), a moving memoir about her friend and colleague's struggle with AIDS (April 3). Also in the series: Professor of Economics Paul Krugman on *Pop Internationalism* (April 10), Canadian scholar Robert Barsky on his biography *Noam Chomsky: A Life of Dissent* (April 17), and Dutch evolutionary biologist Tijs Goldschmidt on *Darwin's Dreampond: Drama in Lake Victoria* (April 24).

The series will culminate with a day-long symposium to celebrate the work of Professor Stanford Anderson, chair of the Department of Architecture, on May 3. MIT Press this spring will publish a tribute to Professor Anderson, *The Education of an Architect*. Locations of these later events will be announced. Signed copies of books will be available at each event.

The series is being organized by Teresa Tobin, Dewey and Humanities librarian, and Jeremy Grainger, MIT Press Bookstore manager. "We feel tremendously encouraged by the overflow crowds we had at our two events during IAP," Ms. Tobin said. A celebration of *Hal's Legacy* (MIT Press) on the birthday of the computer anti-hero of the film and novel *2001: A Space Odyssey*, and a thera-min concert by MIT Press employee James Coleman to celebrate publication of a special issue of the MIT Press' Leonardo Music Journal, filled Wong Auditorium and Killian Hall last month. The series was inaugurated last fall.

A full schedule is available on the Web at <<http://mitpress.mit.edu/bookstore/events.html>> or by e-mail at <authors@mit.edu>. Those interested can also subscribe to the Bookstore's e-mail newsletter by e-mailing <listserv@mitvma.mit.edu> with the body of the message reading "SUBscribe BOOKNEWS yourfull_name" (no quotes).

Blue Cross representative to visit

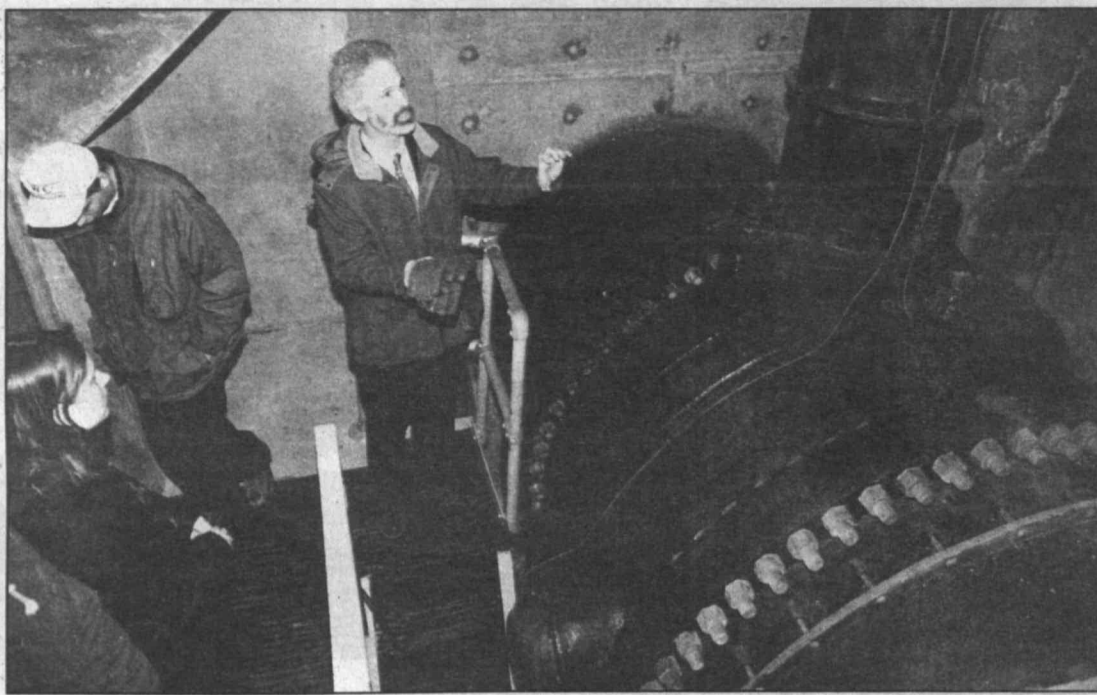
Blue Cross and Blue Shield will hold office appointments at the Benefits Office in Rm E19-411 for employees and retirees enrolled in Blue Choice, Medex, and Managed Blue for Seniors on Friday, March 7.

The Benefits Office has arranged these office hours to allow plan members to meet directly with a plan representative to resolve customer service

issues. This is also an opportunity for new Blue Choice members to learn more about how to use their plan.

If you have been unsuccessful in resolving an issue by first calling the plan's customer service representatives or if you are interested in learning more about Blue Choice, call x8-7489 to schedule an appointment to meet with a representative in the Benefits Office.

Water world



Paul Levy, adjunct professor of urban studies and planning, brought students from his *Solving the Infrastructure Crisis* class out to the Sudbury reservoir in Southborough for a look at the MWRA transmissions section and water quality lab. Along with providing a first-hand look at where water goes before coming out of the tap, he drew students' attention to the solid work by masons who constructed the nearby dam, noting how well it has held up over time.

Photo by Donna Coveney

Institute to refurbish 33 classrooms

(continued from page 1)

slide machines and other equipment. Lecturers will have audiovisual hook-ups to accommodate a desktop computer in every classroom. Two will be wired for personal computers or Macintoshes at every seat.

Impetus for the renovation campaign was supplied by Professor Leigh H. Royden, associate chair of the faculty, who broached the issue at a meeting in September. She had taught freshman physics in Rm 5-233, a classic "workhorse" classroom where "you had to shout to be heard" over the traffic noise on Massachusetts Avenue.

Realizing the effect that such bleak surroundings had on the students in their first exposure to MIT academics, Professor Royden said, "I became passionate about the classroom issue." She quickly discovered that she wasn't alone. "You know how contentious the MIT faculty are, yet every time I mentioned it, everybody agreed—we had to something about those classrooms," she added.

ON-SITE MEETING

The clincher, Professor Royden said, was a committee meeting in Rm 5-233 at which the participants could not communicate over the street noise without shouting. "That brought it home," she said.

As a result of her urging, classroom renovations were given high priority in setting an agenda for the fall semester. In addition to Professors Bacow and Royden, key supporters included Rosalind Williams, dean of undergraduate education; Associate Professor Charles Stewart, head of the Committee on Undergraduate Programs; and Associate Dean Margaret S. Enders.

Professor Bacow broached the subject with President Charles M. Vest, who gave enthusiastic support. A working group consisting of Dean Enders, Professor Stewart, Associate Planning Officer Michael K. Owu, Associate Registrar Mary R. Callahan and David W. Myers, an architect and the manager of design services for the design and construction section of Physical Plant, identified the classrooms, developed a renovation plan and created a budget. Dean Williams made a formal proposal to the Committee on Renovations and Space Planning. The project was approved last month.

"Everybody came together and supported it," said Professor Bacow. "It's a wonderful example of faculty and administration working together to do something good for the students."

Last summer, eight classrooms and lecture halls were renovated in Building 51. In addition, the renovation of Building E56 included the construction of a 55-seat lecture hall and a 20-

seat classroom. Seven classrooms in Building 56, including 70-seat and 60-

seat lecture halls, were brought on-line for the spring semester.

Task force is sending out questionnaire to faculty

All senior faculty will receive questionnaires from the Task Force on Student Life and Learning this week seeking widespread input in establishing the key issues facing the Institute in the next century.

In addition, the group's co-chair, Professor of Chemistry Robert J. Silbey, said at last Wednesday's faculty meeting that all members of the Task Force would spend at least one night in a dormitory "to experience what happens from midnight to 7am."

Professor Silbey urged all faculty to respond to the questionnaire and communicate with the Task Force, formally and informally. "Any way we can get a response, we'll take them and listen to them," he said. "Stop us in the hallways and talk to us."

Reporting on the Task Force's progress, which includes a brainstorming session with junior faculty and a survey of alumni/ae, Professor Silbey noted that a diverse student body with different career ambitions might require changes in the core education. For instance, he said, 20 percent of the class of '97 plans to attend medical school, while a large number of their classmates plan careers in finance and in consulting.

He said alumni/ae were pleased with the problem-solving skills they acquired

at MIT but were less happy with the contribution the Institute made to their writing ability and self-esteem. That disparity should be resolved, Professor Silbey said.

Noting the dramatic changes at MIT in the past five years and the deep commitment to undergraduate education, President Charles M. Vest said, "We need to communicate better."

Earlier in the meeting, Professor Samuel J. Keyser reported that a survey of 2,730 staff and faculty indicated that reports of harassment are declining, and that most complaints involve general mistreatment and sexual harassment. "In most cases, it's offensive language," said Dr. Keyser, a professor of linguistics and philosophy. "There are very few cases of touching."

Professor Jed Z. Buchwald, chair of the Committee on Discipline, said disciplinary cases had decreased in the past three academic years, with 21 complaints resulting in nine expulsions, two suspensions, four formal probations, one informal probation, one degree revocation and two reprimands. Three cases have been filed so far this year.

Dean for Student Life Margaret R. Bates said disciplinary actions were about the same as last year.

Robert J. Sales

Commuter news notes

(continued from page 1)

NEW PENALTY FOR GATE DESTRUCTION

Any MIT-affiliated person involved in the deliberate destruction of MIT parking access control gates may be required to make a restitution to the Institute. If they refuse to comply, their parking privileges may be taken away. Those involved have the right to appeal to the Violation Appeals Committee within 30 days of the violation.

AUDREY STREET PARKING DESIGNATION

New parking signs were installed on Audrey Street recently. Previously there were no signs indicating whether parking was allowed. The new signs indicate that MIT permit parking is allowed on both sides of the street; a Westgate permit is needed for the east side and a North permit is needed for

the west side. Any questions concerning parking signs or designations can be sent to <mitparking@mit.edu>.

PARKING GATES FOR DEACON LOT

New parking access control gates have been installed in the Deacon lot near the MIT Medical Department. The gates will begin 24-hour service on Monday, March 3. Employees with either a Deacon Lot or East area Occasional parking permit may park in the Deacon lot. Occasional parking for the East area will only be available in the Deacon and Sloan lots, as the Hayward lot will no longer accept occasional parking. Regular commuters with an East permit may no longer park in the Deacon lot after March 3. East permit holders may use the CRA lot (corner of Ames and Main Streets) if all the other lots are full.