



HUMAN-POWERED BOAT—Members of the Decavitator team, in California with their prize-winning boat, packing crates and all, from left: Professor Mark Drela, Tom Sorensen G, Harold Youngren SM '91, Matt Wall G, Marc Schafer G, Rick Paxson '91, Will Gorgen G, Tom Washington G and Steve Finberg (Draper). Other team members were Bryan Sullivan '86, Jim Thorne '90, Eric Saarmaa '90, Karl Leeser '93, Jeff Evernham '90, Juan Alonso '90, Dava Newman PhD '92 and Kjirste Carlson G. Photo by Steve Finberg

\$25,000 PRIZE

Hydrofoil Sets World Speed Record

■ By Charles H. Ball
News Office

It's official. MIT's Decavitator has won a \$25,000 prize as the world's fastest human-powered hydrofoil.

It was the second such prize won by MIT human-powered craft. In 1984, the Monarch B, a predecessor to the record-breaking Daedalus human-powered airplane, won a \$30,000 speed prize offered by a British industrialist.

The new prize was offered by E.I. DuPont de Nemours & Company for the first pedal-powered watercraft to maintain an average speed of 20 knots, or 23 miles per hour, over a measured course slightly longer than a football field.

The MIT craft never reached that speed—its best run over a 100-meter (110-yard) course was a record-setting 18.50 knots, or 21.27 mph, on the

Charles River on October 27, 1991—but the contest rules stipulated that the prize was to go to the holder of the world's record at the end of 1992.

Other entries had one last chance to top that mark, and MIT had an opportunity to reach 20 knots, at a final mid-December meet in California. However, the previous record held, according to MIT Professor Mark Drela, Decavitator's pilot and the faculty advisor for the project.

Professor Drela said that a 20-knot run will be difficult in the near future. It has not been decided whether to continue the project at MIT, he said.

Some of the prize money will go to the undergraduates, graduate students and alumni who made up the Decavitator team, he said, and the remainder will go into a fund for similar projects.

Dr. Drela, associate professor of

aeronautics and astronautics, was a senior design engineer for Daedalus, which set several world records on a 72.44-mile flight between the Greek islands of Crete and Santorini in 1988. He also did the aerodynamic design for an unmanned lightweight plane, Perseus, built by a private company for the National Aeronautics and Space Administration for the purpose of taking scientific measurements in the upper atmosphere. (See Tech Talk, January 6, 1993.)

The Decavitator, whose propulsion system is similar to that of Daedalus, is powered by bicycle-type pedals that turn a rear-mounted 10-foot air propeller. As it accelerates, the boat enters its intermediate-speed configuration by lifting off its pontoons onto two hydrofoil wings about the size of yardsticks, enabling it to skim over the surface of

(continued on page 4)

MAY 28 CEREMONY

Mexican President to Speak at Graduation

President Carlos Salinas de Gortari of Mexico will be the speaker at MIT's commencement ceremonies on Friday, May 28.

"We are delighted that President Salinas has accepted our invitation to address our graduates and their guests," said MIT President Charles M. Vest. "As a world leader, and as president of our great neighboring nation to the south, his experiences and views on issues that will be of critical concern to the generation of professionals just beginning their careers are most suitable for this occasion."

Dr. Salinas, a Harvard University-trained economist, was elected constitutional president of the United Mexican States on July 6, 1988, and took office on December 1 that year for a term that will conclude on December 1, 1994.

He has been widely credited for astute leadership and for economic and social reforms that have energized his nation. As part of his plan to liberalize and expand Mexico's economy he played a key role in formulating the North American Free Trade Agreement linking Mexico, the United States and Canada.

President Salinas has been deeply involved in his nation's economic and political affairs since his days as a student, starting in 1966, at the National School of Economics at the National Autonomous University of



Carlos Salinas de Gortari

Mexico. He became a militant member of the Institutional Revolutionary Party's youth cadres and, in 1970, he taught at the party's Political Training Institute.

Two years later he studied for a master's degree in public administration at Harvard and, in 1974, he was appointed Head of the Department of Economic Studies of the International Finance Affairs Office of the Mexican Secretariat of Finance.

(continued on page 4)

FOR EVERYONE

Food Service Offers New Multipurpose Card

A new, potentially multipurpose MIT card is now available from the Office of Housing and Food Services, Senior Vice President William R. Dickson has announced.

The first service that the card will provide is an employee payroll deduction capability for purchases at most MIT food service locations on campus. MIT employee customers using the card for food service purchases can have charges automatically deducted from their regular weekly or monthly paycheck. MIT cardholders get a monthly statement mailed to their MIT addresses detailing the date and amount of each purchase.

The card can also be used as a debit card with a minimum deposit of \$20. It will work on the same principle as cards used at automatic teller machines.

Each purchase is automatically deducted from your account.

The MIT card will also be available to employees who are Faculty Club members and will replace existing Faculty Club cards. Members choosing the new MIT card can add payroll deduction convenience for purchases at other food service locations on campus. Procedures for purchases at the Faculty Club will remain the same.

Information about the card was circulated in campus mail for delivery Monday at most locations.

Cards are available every weekday from 9am-4pm at the Office of Housing and Food Services, E32-200. They will also be available at Lobby 10 from 10am-2pm on January 14 and 15; in the E19 lobby from 10-2 on January 21. (continued on page 4)

REFRESHMENTS

Grand Reopening Thursday at FX

■ By Kenneth D. Campbell
News Office

The MIT Furniture Exchange, a special service for the university community, is stocked with a new treasure trove of used furniture, antiques, housewares and miscellany for its re-opening tomorrow (Thursday, Jan. 14) at its new location, 350 Brookline St. near the BU Bridge.

Do you need an antique inlaid 4-drawer bureau? pots & pans? a bookcase? a quilt? a desk lamp? an indestructible 1950s Steelcase desk? a set of 14 kitchen chairs? a bathroom sink? a Dean Trimble 24-lamp brass chandelier? The Furniture Exchange (also known as the FX) has all that, and a great deal more.

The FX will be open 10am-4pm Tuesday, Wednesday and Thursday at

its new location at the rear of MIT Building Way West 15 (WW 15), the one-story warehouse building formerly occupied by Tweeter Inc. on Brookline Street. Parking and delivery service are available.

A service of the MIT Women's League since 1958, the FX is open to MIT students and the MIT community (employees and alumni) and now, by special arrangement, to students at Harvard and Boston Universities also.

The thousands of FX items are arranged and displayed with the inimitable whimsy and taste of co-managers Suze Campbell and Dottie Mark and MIT Women's League volunteers. The managers say "the FX is a combination of a five-and-dime store, a thrift shop, and a museum—a few of these things we don't think anyone will buy! But we've been fooled before!"

On the "sure to sell" list is a 62-piece set of American china with a sheaf of wheat design encircled with 22K gold, priced at \$50. In preparation for the opening, the set was being displayed carefully Sunday evening by volunteer Rebecca Vest, first lady of MIT, honorary chair of the Women's League and a member of the Furniture Exchange Advisory Board. The china was made by the Edwin M. Knowles China Company and is called "old cinema china" because it was distributed in a movie house promotion.

Above the china—on top of a display case salvaged from former tenant Tweeter Inc.—Mrs. Vest placed one of 12 pieces of "art furniture," chairs, table and mirrors surrealistically painted by MIT fund raiser Laurie Quinn as a special feature for the FX (continued on page 4)

King Observance

On Friday, Jan. 15, MIT will hold its 19th annual commemoration of the birthday of Dr. Martin Luther King, Jr., which will feature a keynote address by William H. Gray III, president of the United Negro College Fund and former Majority Whip of the US House of Representatives.

This event begins with a gathering at 11:45am in Lobby 7, followed by a silent march to Kresge Auditorium and the address by Mr. Gray. A reception immediately follows in the Student Center.

President Vest said, "The theme

for the celebration, Where do we go from here: Chaos or Community?, captures the challenge that we all face in building an integrated and pluralistic community at MIT. This is an important occasion where we can honor the work of Dr. King and rededicate ourselves to the goal of making MIT a place where we come together and learn from each other as we pursue our studies and careers.

"I hope that as many people as possible will attend these events and ask that supervisors assist with flexible scheduling to encourage everyone to attend."

Student Notices

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

ANNOUNCEMENTS

Information Session on "The European Community: Today and Tomorrow"*—Jan 20:** Information will be presented on this program taking place June 9-July 28, in English, at the Institut d'Etudes Politiques in Paris. Opportunity to obtain a paid internship or employment in France in companies involved in the program. Information session sponsored by the Sloan School, 6-8pm, Rm E51-310. More info: Leslie Hawkes, 238-8193.

MIT Pistol & Rifle Club Basic Pistol Marksmanship Course—Starts Jan 21, 4 nights:** Jan 21, 22, 28, 29, 6-9pm. DuPont pistol range. Course covers safe handling, storage and use of firearms as well as developing marksmanship skills to meet local police departmental requirements for pistol permits. Fee covers everything. Info/registration: Frank Gauntt, Draper x8-1476.

Tax Information Workshop for Graduate Students—Jan 27:** For US citizens and permanent residents. Topics will include RA and TA stipend and tuition awards, graduate fellowship stipend and tuition awards, withholding and quarterly estimated taxes. Speakers: Dean Frank Perkins, Fred Crowley, Asst. to the Comptroller, and tax lawyers from Palmer & Dodge. Sponsored by the Dean of the Graduate School Office, 3-5pm, Rm 10-250.

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.

MIT Student Furniture Exchange—Jan 14:** Grand Opening. New hours, Tues/Wed/Thu, 10am-4pm. New location, Bldg WW15, 350 Brookline St.

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*—Jan 13, 20: Israeli Folk Dancing, 7:30pm, Student Center, Jan 13: Sala de Puerto Rico. Jan 20: Lobby 13. Jan 15: Shabbat dinner and discussion. Jan 27: Grad student ski trip. Jan 29: Conservative & Orthodox Services, 5:30pm, Walker Rm 50-010. Shabbat Dinner, 6:45pm, Walker Blue Room. Jan 30: Grad Student Pre-Skate Party, 9pm, Student Center Mezzanine Lounge. All-Hillel Ice Skating Party, 10:30pm, MIT rink. 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 Sarvagatanaanda, MIT Religious Counselor and Head, Ramakrishna Vedanta Society of Boston, every Friday at 5:15pm in the MIT Chapel.

OPPORTUNITIES

BF Goodrich Collegiate Inventors Program for 1993. Open to any student enrolled full-time in a college or university in the U.S. Categories: (1) Utility: invention of a new and useful process, machine, manufacture or composition of matter, or product; (2) Design: New, original and ornamental design for an article of manufacture; (3) Plant: Development of a new and distinct breed or variety.

Program winners each receive \$5000 cash prize, advisors receive \$2500 cash prize. Entry forms available in the Technology Licensing Office in Rm E32-300, contact person: Dave Krone.

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.

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. 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. Deadline for receipt of proposals: Mar 1.

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, Childcare. Experienced nanny needed in Newton for 3 month old baby. Needed from 8:15am-6:15pm 3 days/wk beg. 1/25/93. Must spk English; non-smoker. Salary negotiable upon experience. Contact: Gayle Ehrlich, 277-8728.

Off Campus, Non-Technical, Childcare. Person needed for childcare for children ages 8, 6, 3. Must be energetic, organized, enjoy children and be able to drive (car not needed). Needed Feb 8th -15th (full time). Salary negotiable. Contact: Sue Rollow, 492-0014.

On Campus, Technical. Student needed to operate the MIT Nuclear Reactor. Must be able to pass the Nuclear Regulatory Commission's Operator's Licensing Exam. Training begins ASAP. Must be MIT student completing freshman year and be 18 years of age as of 1/1/93. Must be well organized, innovative, willing to learn, attentive to detail, and capable of being precise and careful in dealing with technical procedures in potentially demanding situations. Hrs: 15-20/wk. Contact: Ed Lau, x3-4211.

Off Campus, Non-Technical, Marketing. Students wanted at Aqua-Screen, Inc. for marketing and sales. Undergraduate or grad student. Flexible hrs, salary on commission. Contact: Saurel Etienne, 538 Cambridge St. Cambridge, MA 02139, (508) 584-8891.

VOLUNTEERS

Massachusetts Easter Seal Society. Easter Seals needs volunteers to help with the 'Bud Dry Wing Ding,' a fundraising event. Volunteers are needed to help staff the admission table and the voting table. At the Westin Hotel at

Copley Place on Jan 28, 5-9pm. Contact: Marie Nunn at 482-3375.

Concilio Hispano De Cambridge/Hispanic Council Of Cambridge. A volunteer/internship opportunity exists with Concilio Hispano's Un Paso Mas program. The program's name means "one more step" in Spanish; the program aims to empower its students with adult education classes in English as a Second Language, math, and pre-vocational training to language minorities. Tutors or counselors needed, training and supervision provided, a commitment of six months needed. Day and evening classes in Cambridge and Chelsea. Contact: Elizabeth St. John at 889-0888, M-F, 2:30-5pm.

The National Student Campaign Against Hunger And Homelessness. The Campaign is a national, non-profit network of students, educators, and other leaders who are committed to addressing the problems of hunger and homelessness, locally, nationally, and globally. Spring internship opportunities require a commitment of 12-15 hours per week. Contact: The National Student Campaign Against Hunger and Homelessness at 292-4823.

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.

Jan 14: Channel 8: 9am-5pm—Live coverage of "Abuse and Violence in Relationships: No One Should Have to Live in Fear."

Jan 21: Channel 8: 11am-5pm—Live coverage of the C.A.E.S. Videoconference: "Management of Technological Change" Prof Ernst Frankel. Channel 10: 12-1pm—Apple Education TV Series: "Teaching with Technology."



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

Personal copier (PC-2) Canon, 50 sheets, 30 pounds, personal cartridge system, in five colors, \$500. Nancy x3-4690 or Fu-hua, 868-8275.

Peavey "Bandit" amplifier, great cond, \$150; Cort electric guitar, \$80; Magnum acoustic guitar, \$50; sm 2" b&w TV, \$40; bookshelf 3'x4', \$15. Jeff 492-5425.

Upholstered teak DR chairs, new, \$65/ea; 2 mahog twin beds w/matt, \$75/ea; matching side tables, \$30/ea; green armchair, wool, \$75; small sofa, \$35. Call x3-3175 or 332-8251.

Stereo cabinet w/glass doors, \$45; 2 antique carved wood chrs w/cane st, \$50 & \$85; bookcases, \$20 & \$35; deskchairs, \$20 & \$45; teak coffee table, \$45; indr shutters, best offer. Call x3-6081.

Air hockey table & set, \$50. Marianne x3-6711.

Laptop computer, NEC, XT compat, 2 720K 3.5" disk drives, 607kb RAM, full sz, full action kybd, CGA graphics, MS-DOS 3.2, pop-up sftwr, \$200. Keith x3-5731.

Minolta Maxxum 7000 (fully auto), Sigma 35-135mm zoom, bounce flash, camera bag, tripod, special FX filters, more, worth over \$1000, askg \$450 firm. John 354-4589.

Q-sz waterbed, one year old, soft-sided w/baffles/tubes & box spring, orig price \$800, will sac for \$500. Call x3-0419.

Violin, Lewis, v gd cond, bow & case incl, \$300 or bst; will consider trade for acoustic guitar. Laura, dorm x5-7653 or x8-6386 lv mssg.

VEHICLES

1981 Dodge Aries, standard, 77K, strong engine, exc cond, reliable transportation, new muffler & tune-up, \$650. Call x8-5875 or 491-9252.

1984 Escort GT, ps, pb, AM/FM/cass, sunrf, nw trs/brks, runs exc, 35 mpg, \$900. Chris, Linc x2750.

1987 Dodge Daytona Shelby Z Turbo, T-top, 5-sp, a/c, full pwr, grt cond, only 50K, \$3800 or bst. Call 617-738-7425.

HOUSING

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

Arlington: Furn sunny rm in lrg renov priv home, shr bath/kchn, close to bus & T, short-term or long-term, no lease, \$360 (incl utils). Call x3-2851 or 646-9699 eves.

Cambridge, E: 2BR, 1.5b, d/d, w/d, a/c, gar prkg, storage, deck/patio, 12 min walk to MIT, 6 min to shops, must be MIT student, 1/27-8/31 w/opt to renew, \$956+. John x3-5271 or 494-8672.

Cambridge: own lovely 1BR apt as part of 12-unit ltd equity co-op, income must be <\$32,050 for 1 person, <\$36,650 for 2, \$429/mo carrying charge, \$6000 down pymt. Avail 3/1/93. Call 868-4416.

Grand Cayman: lux 2BR, 2b villa on 7 mi beach, beaut furn, cent a/c, scr patio, eq kchn, sat TV, 2 pools, jacuzzi, tennis, etc., 2/20-27, \$1500/wk, purch \$15,500. Dolores x3-1315 or 731-8116.

Loon Mtn: winter rental, 2BR + loft, 2b, full kchn & DR, swim club, shuttle to skiing, wks & wknds. Jack x3-2772 or 396-4221 eves.

Malden: 5-rm apt, lg spac K, LR, porch, deck, remod bath, laundry, refrig, quiet, pking, nr T, avail now. Call 324-7687 lv mssg.

Newton Corner: 2BR, 5th fl, mod condo, a/c, outdr pool, saunas, balc, indr garage, on T & express bus, conv to Hvd Sq/MIT buses, ht/w incl, avail immed, \$845/mo. Call 617-923-1333 bef 10pm.

WANTED

I am looking to buy a used (or new) Macintosh Powerbook 100. Pls call x3-0394 or 436-0921.

Wanted: software help w/Mac Portable during IAP, wd like to exchange for 1st yr Russian grammar tutoring or can pay student job rate. Call x3-9499.

ROOMMATES

Arlington Hghts: M or F to shr 3BR apt, lrg sunny rooms, hwd flrs, w/d, off-st prkg, close to Rt 2 and on bus line, avail 2/1, \$325+. Alan 641-1136 or Amy 646-9010.

Brighton Center: F housemate sought to share beaut sunny Vict 1/2-hse w/1W, 2M, 2 cats, no smkrs,

must see, flpc, garden, remod kchn & bath, right on bus line, \$350+. Call 783-1931 lv mssg.

Cambridge: M/F to shr spacious hse w/2F non-smkg prof's, Fresh Pond location, 2.5 miles from MIT, 20 min walk to Hvd Sq, on bus line, 1 bl from Huron Av market. \$407. Call 492-7360.

LOST AND FOUND

Lost: earring, 1" diameter, rd gold rim w/blue/gold Aboriginal design in silk, betw West Garage & 77 Mass. Ave. on 1/6. Reward. Call x3-2851 or 646-9699.

MISCELLANEOUS

Moving: residential, commercial, low affordable rates, lrg or sm jobs, pianos, etc., 20 yrs exp, well-padded trucks, cellars cleaned, insured, free estimate. Ed 617-666-9576.

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Crimewatch

The following incidents were reported to the MIT Campus Police between January 1-7, 1993:

Jan 1: Albany Garage: radio stolen from a car, \$300; **Alpha Delta Phi:** report of door broken into, unknown if person still in building, check of building proved negative.

Jan 2: Bldg 13: pocketbook left unlocked and unattended, \$30.

Jan 3: Lobby 7: male arrested for outstanding warrant; **West Garage:** '88 Chevy stolen.

Jan 4: Bldg E51: \$1,000 in stamps stolen; **Bldg 56:** bike stolen from rack, \$160; **Whitehead Lot:** VW stolen sometime since October; suspicious activity: 1) **Tang Hall;** 2) **Bldg 8;** and 3) **E52;** bike stolen from rack at Bldg 14, \$250; **Albany Garage:** car radio stolen, \$200; **Bldg 3:** AC adapter stolen, \$190.

Jan 5: Bldg 3: vandalism; **Bldg 54:** answering machine stolen, \$90; **MacGregor:** bike stolen, \$400; **Bldg 13:** wallet stolen from an unlocked and unattended office, \$30; **Alpha Delta Phi:** compact disc player stolen, \$200; **Audrey St:** attempted larceny of a car.

Jan 6: Pick up a male arrested in Boston on an outstanding MIT warrant; **Bldg 16:** unattended wallet stolen, \$60; **Bldg 13:** a \$250 backpack containing \$11 cash was stolen, backpack later recovered; **Tang Hall:** malicious damage: **Audrey St.:** '86 Pontiac stolen.

Jan 7: DuPont Locker Room: lockers broken into 1) jacket, \$25; 2) wallet, \$10 cash and \$190 in travelers checks stolen; **Bldg 6:** bomb scare, buildings evacuated, nothing showing, all clear given; **Bldg E25:** harassing phone calls.

Institute Calendar

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

January 13 - 31, 1993

■ SPECIAL INTEREST

Abuse and Violence in Relationships: No One Should Have to Live in Fear*—Jan 13: For helping professionals, Harvard Medical School, 260 Longwood Ave., 12-5:30pm. Jan 14: For the university community, Kresge Auditorium, 8am-5pm. A joint symposium for the university community. Sponsored by the MIT Women's League, the MIT Medical Department, and Harvard Medical School Department of Social Medicine. For further information and schedules, contact the MIT Women's League, Rm 10-342, x3-3656.

Martin Luther King Jr. Birthday Celebration at MIT*—Jan 15: 12pm: Silent march from Lobby 7 to Kresge Auditorium. 12:30pm: Keynote address by William H. Gray III, president and chief executive officer of the United Negro College Fund. Jan 16: Free concert by Semanya McCord, 7pm, Kresge Auditorium. Jan 15-16: Community Fellows Program Youth Conference (more info: x3-3216).

■ SEMINARS & LECTURES

WEDNESDAY, JANUARY 13

Non-Linear Evolution of MPD Thruster Instabilities*—Henri P. Wagner, Univ. of Stuttgart. Sponsored by the Space Power and Propulsion Laboratory, 3-4pm, Rm 33-206.

Non-Decoupling Effects and Triviality in the Standard Model**—Dr. Ken Aoki, Univ. of California, Los Angeles. Joint Theoretical Physics Seminar, sponsored by the Laboratory for Nuclear Science, 4:30pm, Bldg 6, CTP Seminar Rm, 3rd fl.

THURSDAY, JANUARY 14

Space Solar Power and the Japanese Space Program*—Corinna Lathan, PhD candidate, MIT. Sponsored by the MIT Japan Program, 5:30-6:30pm, Rm E38-7th floor conf rm. More info x3-2839.

TUESDAY, JANUARY 19

Transputer Fault-Tolerant Processors and UVs**—Neil Brock, Draper Laboratories. Autonomous Underwater Vehicles Seminar Series sponsored by MIT Sea Grant, Draper Labs, MIT Dept. of Ocean Engineering, 12pm, Rm E38-300. More info: x3-9314.

Reliability and Risk Assessment Technology in Advanced Aerospace Systems: Applications and Design Issues*—Prof. Thomas A. Cruse, Vanderbilt University. Aero & Astro Seminar, 4pm, Rm 37-252.

WEDNESDAY, JANUARY 20

Money & Taxes: What's Ahead for '93*—Moderator: Bob Crowley, Massachusetts Technology Development Corporation. Panel: Frank Doyly, CPA; Marguerite Piret, investment banker; Kathie Stevens, commercial banker; Jack Stewart, venture capitalist. Sponsored by the Enterprise Forum, 6pm, Rm 10-250. Registration, 5:30pm. More info: x3-8240.

■ 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 lesbigay 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: Jan 20, 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.

Kundalini Yoga Classes**—Beginners welcome, bring something on which to sit. Meets Fridays at 6pm, Rm 1-132. Sponsored by the VSG (Vegetarian Support Group). More info: Andy Rothstein x3-7154 or <adrothst@athena>.

Lowell Institute School**—The Lowell Institute School at MIT provides evening instruction in technical subjects for the practicing technician. Classes meet once a week for 14 weeks beginning Feb 1 at MIT. Call x3-4895 for catalog and further information. Deadline for Spring semester application: Jan 22.

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, x3-4911.592 or x3-1316.

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 sponsorship 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 Toastmasters**—Upcoming meeting: Jan 22: Special demonstration meeting, Marlar Lounge, Rm 37-252, 12:14-1:30pm. Sponsored by MIT Personnel Office.

User Groups**—Jan 19: WordPerfect User Group, coordinated by Information Systems, 12-1pm, Rm 4-231. Topic: Intro to Macros. More info: Gail Garfield Neuman, x3-0878. Jan 20: Microsoft Word (for the Macintosh) User Group, coordinated by Information Systems, 12-1pm, Rm 4-231. Topic: Linking Files and Applications. More info: Phyllis Crierie, x3-0736.

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 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.

Divorce Support Group for Students**—A support group for students whose parents have recently separated or divorced. Led by experienced group therapists. For information about joining this group please call Marcia Yousik, C.S., or Elizabeth Engelberg, Psy.D., at x3-2916. Sponsored by the Psychiatry service of the Medical Dept.

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/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.

27th New England Camping and RV Show**—Jan 23-31: Bayside Expo Center. Tickets \$2.50/pp (reg. \$5/pp—adult discount ticket only). Open Mon-Fri 1-10pm, Sat 12-10pm, Sun 11am-7pm.

Mother Said I Never Should**—Jan 28: At the Huntington Theatre, 8pm. Tickets: \$20/each (reg. \$30/each). Purchase by Jan. 14.

Boston Chamber Music Society**—Feb 5: Tcherepnin's Duo Fantasia, Chausson's Piano Quartet in A Major, Opus 30, Brahms String Sextet in B-flat Major, Opus 18, 8pm, Jordan Hall. Tickets \$9/ea (reg \$11/ea) and must be purchased by Jan 22nd.

The Wiz**—Feb 7: At the Wang Center, 3pm. Tickets are \$43/pp (reg. \$47.50) and must be purchased by Jan 11th.

Disney on Ice presents Beauty and the Beast**—Feb 13: At the Boston Garden, 7:30pm. Tickets are \$14.50/ea (reg. \$16.50/ea), children 2 and above must have a ticket.

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).

Museum of Fine Arts—The Council for the Arts has 10 passes employees may borrow for free admission. Call the Office of the Arts at x3-4003 for availability. At Lincoln Lab, MFA passes are available in A-150.

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).

■ ALUMNI ACTIVITIES

Lecture by Dr. Allen Sinai, Chief Economist, The Boston Company*—Jan 13: Sponsored by the MIT Club of Boston. 12pm, MIT Faculty Club, \$15/club members, \$20/non-members. Call Helen Soussou to register, 924-2141.

■ SOCIAL ACTIVITIES

MIT Singles over 35**—Group meets in the Faculty Club Lobby lounge 5:30-7pm every

North India Performance Planned

The MIT Faculty Series presents a free evening of classical music and dance of North India with George Ruckert, lecturer in music at MIT, sarod; Nishikant Sonwalkar, tabla, and Gretchen Hayden, Kathak Dance, at 8pm on Friday, Jan. 22, in Kresge Little Theater.

George Ruckert is one of Ali Akbar Khansahib's oldest American disciples, studying sarod, vocal music, and violin for 25 years. He has a background in western classical and folk music and has studied piano since childhood. He earned his master's degree in theory and composition from Queens College (NY), and served for many years as teacher and director of the Ali Akbar College of Music. During this time he also arranged, composed and conducted the College orchestra.

Gretchen Hayden is one of the premier western dancers of the Kathak style of Indian dance. She has received training from the innovative dance master, Chitresh Das. A soloist with the Chitresh Das Dance Company based in the San Francisco Bay area, she has given numerous recitals throughout the world, earning impressive critical ac-

claim. She has taught Kathak dance in the US, Europe and India and intends to establish a teaching program of Kathak dance in the greater Boston area.

Nishikant Sonwalkar came to the US in 1985, and has recently earned his PhD degree in Interface Mechanics at MIT. He began his training in tabla with Kirin Deshpande, and continued with Sharad Khargaonkar, earning a Bachelor of Music degree from Kharaghar University. He has performed and lectured widely in the US.

Erratum

Last week's story on MIT alumni who have been named to top posts in the Clinton administration mentioned Henry G. Cisneros, but neglected to mention his appointment. He has been nominated to serve in the Cabinet as Secretary of Housing and Urban Development. Although not a degree recipient, Mr. Cisneros was a graduate student in the Department of Urban Studies and Planning in 1973-74.

1920*—Photographs documenting Boston's T Wharf area. Ongoing. Hart Nautical Gallery, Bldg 5, open 9-8 wdkys. Call x3-5942.

■ MUSIC

Concerts 24-hr Hotline: x3-9800.

Live Jazz at the Muddy Charles Pub**—Jan 13, 20, 27: No cover charge; ID required. 8:30-10:30pm. Moto Nakamura, x3-5050.

Journey Into a Dream: Musical Tribute to Martin Luther King*—Jan 16: By jazz vocalist Semanya McCord and Associates, 7pm, Kresge Auditorium.

MIT Chamber Music Society*—Jan 16: Marcus Thompson, director. J.S. Bach, Cantata 209, "Non sa che sia dolore" (Ellen Harris, soprano); Poulenc, Le Bal Masque; Copland, Appalachian Spring. 8pm, Killian Hall. More info: x3-2826

Throat Singers of Tuva: Lecture/Workshop/Seminar*—Jan 19: Three musicians from Tuva, South Siberia, perform, explain and teach the Central Asian vocal style known as "overtone-singing" or "biphonic singing," in which one vocalist simultaneously produces two or more distinct notes by selectively amplifying harmonics naturally present in the voice. 2pm, Killian Hall. More info: x3-7441.

MIT Faculty Concert: An Evening of Classical Music and Dance of North India*—Jan 22: George Ruckert, sarod; Nishikant Sonwalkar, tabla and Gretchen Hayden, Kathak Dance, 8pm, Kresge Little Theater. More info, x3-2826.

GABLES Arts Gala*—Jan 22: GABLES at MIT (Gay, Bisexual, Lesbian Employees and Supporters) presents an evening of performances including classical and popular music, fiction and poetry. 7:30pm, Killian Hall. Suggested donation is \$7, \$5 members of MIT community. More info: 252-1014.

Brass Quartet*—Jan 27: Student ensemble coached by Lawrence Isaacson, 12pm, Killian Hall. More info: 252-2826.

MIT Symphony*—Jan 30: David Commanday, guest conductor. Brahms' Symphony #4, Haydn's Symphony #82, Stravinsky's Symphonies of Wind Instruments; Dukas' Fanfare from La Peri. \$1 at the door. 8:30pm, Kresge Auditorium, x3-2826. (Rescheduled from Dec 12. Call to confirm.)

■ THEATER

Theater Arts 24-hr Hotline: x3-4720.

Jesus Christ Superstar*—Jan 29-31, Feb 4-6: Presented by MIT Musical Theatre Guild, 8pm, Student Center Sala de Puerto Rico, \$8, \$7 students/seniors/MIT community, \$5 MIT/Wellesley students. Call x3-6294.

■ LOOKING AHEAD

Women, Film and Video*—Call for papers and presentations for New England Women's Studies Association 17th annual conference, Apr 16-17 at MIT. Categories: 1) Using film and video in teaching; 2) Women film makers discussing their work; 3) Images of women in film and video; 4) Women, film (video), and popular culture. For proposal information call dian fitzpatrick at 617-662-0417. Deadline: Feb 5.

Send notices for Wednesday, January 27, through Sunday, February 7, 1993 to Calendar Editor Rm 5-111, before 12 noon Friday, January 22.

Friday evening. For more information call Mary Anne x3-3293 or Charlotte x3-4738.

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

Admission to below Lecture Series Committee Movies is \$1.50, and MIT or Wellesley identification is required. For the latest Lecture Series Committee movie and lecture information, call the LSC Movieline, x8-8881.

Jan 13: Roxanne [PG], 7 & 10pm, Rm 26-100. Jan 15: F/X [R], 7 & 10pm, Rm 26-100. Jan 16: Cartoon Festival, 3, 7, & 10pm, Rm 26-100. Jan 17: The Godfather [R], 7pm, Rm 10-250; 10pm, Rm 26-100. Jan 20: WarGames [PG], 7 & 10pm, Rm 26-100. Jan 22: This is Spinal Tap [R], 7 & 10pm, Rm 26-100. Jan 23: Science Fiction Marathon 15, 6pm, Rm 26-100. Jan 28: Under Siege, 7 & 10pm, Rm 26-100. Jan 29: School Ties, 7 & 10pm, Rm 26-100. Jan 30: Sneakers, 7 & 10pm, Rm 26-100.

■ EXHIBITIONS

Corporal Politics*—At the List Visual Arts Center, Bldg E15, through Feb 14. Open 12-6 wdkys, 1-5 wknds. Call x3-4680.

Wheel of Life: An Interactive Transformational Space*—Through Jan 17: A walk-through multi-media installation using techniques drawn from theater, architectural design, cinema, and interactive computing. Developed by MIT students in "Workshop in Elastic Movietime" in collaboration with Glorianna Davenport and Larry Friedlander. At The Cube, Bldg E15, 12-6pm. Call x3-1607.

MIT Museum*—Inside the Large-Small House: The Residential Legacy of William W. Wurster '17. 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 straightforward plans emphasizing functional organization, economy, privacy, informality, and a relationship to nature based on good sense and the California wood tradition. Jan 23-Mar 28.

MIT Museum*—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. Bldg N52. Museum hours are Tues-Fri 9-5, Sat-Sun 1-5. Call x3-4444.

The Sporting Woman*—Through Feb 5: An exhibition organized by Sally Fox based on research for her book of days published under the same title. Compton Gallery, Bldg 10, open 9-5 wdkys. Call x3-4444.

A Thousand Years of Voyages of Discovery—Exploring the Ocean from Surface to Seabed*—Examines historic explorations of the sea's surface and current efforts to understand the ocean's depth as well. Through summer 1993. Boston Fisheries 1900-

Professor Phyllis A. Wallace Dies

Dr. Phyllis A. Wallace, professor emerita of management at the Sloan School of Management and a labor economist who pioneered the study of sexual and racial discrimination in the workplace, died during the weekend of natural causes at her apartment in Boston. She was 69.



Wallace

Professor Wallace spearheaded, through her scholarship, a precedent-setting legal decision in a federal case that reversed sex and race discrimination in American industry. She directed studies for a federal lawsuit against American Telephone and Telegraph Co., then the largest private employer in the United States. The suit led to a 1973 decision that the company had discriminated against women and minority men. The company agreed to pay millions in back wages and to make other pay adjustments. The verdict also brought about changes in transfer and promotion policies and recruitment criteria.

The case, which Professor Wallace wrote about in her book, *Equal Em-*

ployment Opportunity and the AT&T Case (MIT Press, 1976), was an extension of her own life, background and interests. She continued to work in these areas after her retirement and only recently had agreed to spend the next six months helping Sloan School Dean Lester C. Thurow improve the school's response to sexual harassment problems. She also had begun work on encouraging minorities in the participation of activities at the Boston Museum of Fine Arts.

In a letter to the Sloan faculty on her death, Dean Thurow said that, as a labor economist, Professor Wallace "widened all our knowledge." Her study of Sloan School women graduates "made everyone wiser about the issues of women attempting to advance in the business world," he said.

Professor Wallace was born in Baltimore, MD. She received a BA degree in 1943 from New York University, an MA from Yale in 1944 and her PhD from Yale in 1948.

After receiving her PhD, she joined the National Bureau of Economic Research as an economist/statistician, while also teaching part-time at the College of the City of New York.

She served on the faculty of Atlanta University from 1953 to 1957,

when she became a senior economist for the US government specializing in Soviet economic studies. She was chief of technical studies at the Equal Employment Opportunity Commission's Office of Research from 1966 to 1969 and vice president of research for the Metropolitan Applied Research Center from 1969 to 1972.

After serving as a visiting professor at the Sloan School, in 1975 she became the first woman to hold the rank of professor at the school.

When Mount Holyoke College conferred an honorary Doctor of Laws degree on Professor Wallace in 1983, the citation said that as an educator, public servant and scholar "your career has taken you from the university to government to the corporate boardroom."

It continued: "Beginning your career at a time when neither blacks nor women had a fair chance, you have seen great progress toward equal employment opportunity—progress due in no small measure to your scholarship on the economics of discrimination in the labor market."

When she retired in 1986, scholars in industrial and labor relations and economics from around the world gathered at MIT for a conference in her honor. In addition, the Sloan School endowed the Phyllis A. Wallace Doctoral Fellows Fund, which provides support for blacks admitted to the school's doctoral program, and the Phyllis A. Wallace Visiting Scholars Fund to provide support for black visiting scholars at the school.

In addition to her many awards and honors, she served on numerous national advisory committees and corporate boards.

Her books included *Women, Minorities and Employment Discrimination* (1977), *Pathways to Work: Employment Among Black Teenage Females* (1974), and *Black Women in the Labor Force* (1980).

Survivors include her mother, Stevella Wallace; a brother, Samuel Wallace; three sisters, Lydia Mills, Ophelia Wallace and Margaret Campbell; and a niece, Carolyn Mills. All reside in Baltimore.

Funeral services will be held Friday, January 15, at 7:30pm in Metropolitan United Methodist Church, Baltimore, MD. Burial will take place Saturday. Contributions can be made in her memory to the Friends of the Nubian Art Gallery of the Boston Museum of Fine Arts.

FX Grand Reopening

(continued from page 1)
opening. This piece is a small rectangular bench, painted like a red-checkered tablecloth with a leopard skin lying on it, with fringe attached to the underside of the leopard. The legs are painted in marbled shades of green, as though they were plants. It would fit right into one of "The Peaceable Kingdom" paintings by Edward Hicks—not available at the FX (although there is a good framed print by Feininger for \$6).

Do you like to browse through old books (25 cents & up)? There are five 7-foot bookcases of them from the libraries of professors and other members of the community. Or do you like to listen to LP albums (for sale at 50 cents each)? An old phonograph has been set up in the vast back room so people can check out the approximately 300 record albums.

And there are the staples of the FX—beds, tables, couches, overstuffed chairs, straight chairs, glasses, mugs, pine bookcases, old telephones, TVs, record players, coffee makers, irons, ironing boards, clothes hampers. Et cetera.

The FX was launched as a service to students by Carolyn Brooks, whose husband was E. Pennel Brooks, first dean of what was then the School of Industrial Management, now the Sloan School. The Furniture Exchange serves students by raising scholarship money and selling good, inexpensive furnishings.

The FX will buy back items purchased for \$10 or more at half price from students and others if the item is in good condition and the purchaser

still has the original receipt. The FX continues to be one of the most popular and valued service projects sponsored by the MIT Women's League for the benefit of the MIT community. Scholarship donations have totaled \$70,000 over the last 10 years and more than \$150,000 since 1958. It has served more than 2,000 customers in the last two years.

Contributions to the FX are tax-deductible and are the principal source of its inventory. People wishing to donate items should contact Suze Campbell or Dottie Mark at x3-4293.

The FX co-managers, in a newsletter last month, wrote that "To our knowledge, no other university in the nation supports an enterprise quite like the Furniture Exchange to help its student population furnish their rooms and apartments."

Mexican President

(continued from page 1)

In 1974 he took a second master's degree in political economy and government at Harvard, and was awarded a PhD by the university in 1978.

In 1976 he joined the Office of the Subdirector of Economic Studies of the Office of Finance Planning; he became Subdirector in 1978 and General Director in 1979. Later that year Dr. Salinas became General Director of Economic and Social Policy at the Programming and Budget Secretariat, where in 1982 he was named Secretary.

On October 4, 1987, he accepted his party's nomination as candidate for President of the Republic.

Hydrofoil Sets World Speed Record

(continued from page 1)
the water. One of the wings then pivots out of the water, giving the boat its final high-speed configuration.

The 45-pound twin-hulled craft weighs about the same as an average 6-year-old child. It is made entirely of lightweight materials such as thin-

walled aluminum tubing (the frame), carbon fiber (the hydrofoils), Kevlar and foam (the propeller) and Nomex/fiberglass (the pontoons).

Decavitator's name is a pun. It's a coined antonym for cavitation, a phenomenon of hydrodynamics that creates drag on underwater propellers. The air propeller sidesteps the problem—thus, decavitation.

Dr. Drela's team came largely from the departments of aeronautics and astronautics and mechanical engineering. Sponsors included the MIT Sea Grant Program; MIT; the Laboratory for Manufacturing and Productivity; the Department of Aeronautics and Astronautics; the Charles Stark Draper Lab, Inc.; and Composite Engineering, Inc., a company owned by an MIT alumnus, Ted Van Dusen.

Food Service Card

(continued from page 1)

22; at the Faculty Club from 11-2 on January 29 and on February 4-5.

The new MIT card will further the one-card concept for student and employee picture identification purposes, for use as a library card, for gaining access to buildings, parking and food services, and for other MIT accesses when it is fully implemented.

For more information call x3-3475.



ELMO-MIT, a bronze sculpture by Dimitri Hadzi, is on the plaza by Hayden Library. Photo by Donna Coveney

Shepherd Is First to Win New Trustees Award

When Thomas E. Shepherd, Jr. retired from MIT in December after 25 years of service in the Physical Plant Department—most recently as associate director—he chalked up a notable achievement even as he left.

Mr. Shepherd became the first recipient of the MIT Trustees Award, which will be given from time to time—at the discretion of the president, with the approval of the Executive Committee—to a member of the MIT community who has demonstrated "uncommon leadership in the fulfillment of MIT's mission in education, research and public service."

The award is made possible by an endowed fund established in February, 1991, by the Cabot Corporation in recognition of the long service as directors of Cabot by MIT Corporation members Paul E. Gray, currently the chairman; Carl M. Mueller and Edward O. Vetter.

President Charles M. Vest, who presented the award at a retirement party on December 30 at Ashdown House, described Mr. Shepherd—known to all as Tom—as "an engineer extraordinaire, a true gentleman and a highly effective and respected member of the Institute community."

He said he wanted, in particular, to

note Mr. Shepherd's leadership and expertise in developing and implementing MIT's energy conservation program. "We estimate that the programs he spearheaded have saved the Institute at least \$100 million since 1972," Dr. Vest said.

Senior Vice President William R. Dickson, who formerly headed Physical Plant and has been a close friend and admirer of Mr. Shepherd for many years, praised his achievements but described him, "above all," as "the ultimate gentleman and a great human being." He added, "I can't imagine you could find anyone at MIT who would have anything negative to say about Tom."

Mr. Shepherd, who received the SB in economics and engineering from MIT in 1950, was hired in 1967 by Carl Peterson, former director of Physical Plant. Mr. Shepherd had come to his attention when working on the installation of MIT's first capacitor bank for correction of its power factor.

In 1970, when electrical engineer Jerry Barraford, MIT's superintendent of utilities, retired, Mr. Shepherd was promoted to superintendent of electrical services. In 1972 he was promoted to superintendent of utilities and in 1980 he became associate director.

Saturday Focus: Cold Fusion

Nine lectures, two panel discussions and videotapes of boiling cold fusion cells will be presented this Saturday, Jan. 16, from 9am-4pm in Room 6-120 at an IAP program titled "Cold Fusion: Anomalous Heat and Controversy."

The program, organized by Mitchell Swartz (MIT SB '71 and SM, both in electrical engineering and computer science, EE, and ScD), will feature talks on the history, science, technology and business of cold fusion.

In a section titled "Theory and Experiment," Dr. Swartz will speak on isotope loading. Associate Professor Peter Hagedorn (MIT SB '70, SM and PhD, all in EECS) of MIT will address theories, Professor Vesselin Noninski of Fitchburg State College will address calorimetry, and Isidor Straus (MIT '68, EECS) input power.

In a section titled "Looking Ahead: Technology, Politics and Beyond," Eugene Mallove (MIT SB '69 and SM,

both in aeronautics and astronautics) will talk about implications for space exploration; Hal Fox, editor of the magazine *Fusion Facts*, will address the commercialization of cold fusion; Attorney Robert Rines (MIT SB '42, physics) will give the patent perspective, and Richard Shyduroff will discuss enterprise and innovation.

Panel discussions will follow both sections of the program. In addition, at 12:30 videotapes provided by Drs. Martin Fleischmann and Stanley Pons will be shown of boiling cold fusion cells. An open discussion is scheduled for 4pm, followed by planning for the first "Heat Off" contest.

There is a small fee for the program to cover refreshments and materials; \$3 for members of the MIT community, \$5 for those not associated with MIT. For more information, contact Dr. Swartz at 239-8383, <mica@world.std.com>.

HIPAGS Meeting

The Laboratory for Nuclear Science will host HIPAGS '93, a symposium devoted to understanding recent results from heavy-ion collisions at the Brookhaven National Laboratory Alternating Gradient Synchrotron, January 13-15.

Invited talks will be given by experimental and theoretical physicists from Europe and the US. Talks will take place 9am-5pm January 13 and 14, and 9am-3pm January 15. All sessions will take place in Rm 10-250. Call x3-2391 for a list of speakers.

Nearby Crime

A recent crime incident has no connection to MIT.

On Friday, January 8, at 9am in a parking garage in the Kendall Square area a kidnapping, armed robbery and possible sexual assault occurred.

According to a Cambridge Police administrative broadcast, the suspect is described as a white male, 30-35 years old, with a thin face and fair complexion, wearing a blue jacket, blue pants, dark knit watch cap and sun glasses.

The suspect was armed with a silver handgun. He demanded the victim's car keys and forced her into the car where he gagged and handcuffed her and placed a cloth bag over her head. As he began to drive away, the victim began to scream and the suspect fled the vehicle in an unknown direction.