Students Robbed Near Huntington

By Eva Mey

Two MIT students were robbed at knife point as they walked toward Huntington Hall from the Longwood Metropolitan Boston Transit Authority stop on Dec. 10. The suspect went to trial Monday for a similar crime committed at the T station, according to a Massachusetts College of Art campus police officer. The suspect was found guilty, but released on proba-
tion for two-and-a-half years. The students were approached from behind. The suspect grabbed one student, held a knife to the student’s throat, and demanded the student’s wallet. He also ordered the other student not to look at him. The students described the suspect as a black male, 6 feet 2 inches tall, with wide shoulders, and a large head. The suspect stole about $50 in cash from the student’s wallet, and fled on foot toward the Mission Hill Projects, which is across the street from Huntington Hall.

Still dormitory officials maintain that the area is not more danger-
ous than the rest of Boston. “Up until now there haven’t been any serious problems of that happening,” said Christina E. Giacobbe, a public safety officer at the Massachusetts College of Art. Giacobbe works at the security desk at Huntington Hall, which is owned by MCA, and has attended college in the area for four years. “The area’s all right except for this one person who just got out of jail,” the MCA police officer said. “Once in a while, people are going to be mugger anyway,” Giaco-
bbe said. “It can happen anywhere.”

The robbery was “another reminder [that] you have to be real careful wherever you are,” said Chief of Campus Police Anne P. Cobbe. “It unfortunately reminds everyone of the danger of living in a densely populated area.”

Students Receive 2 Fulbright, Marshall Scholarships

By Rishi Srivastava

Three MIT students recently won scholarships for study in a for-
eign country.

Rahul T. Rao ’94, an electrical engineering major, received a Mar-
shall scholarship. The scholarship pays all expenses for study at any

physical plant workers plow Amherst alley yesterday during the first heavy snowfall of the year.

Students stand in line Monday morning to register for Independent Activities Period physical edu-
cation classes.

Students Receive 2 Fulbright, Marshall Scholarships

By Rishi Srivastava

Three MIT students recently won scholarships for study in a for-
eign country.

Rahul T. Rao ’94, an electrical engineering major, received a Mar-
shall scholarship. The scholarship pays all expenses for study at any

physical plant workers plow Amherst alley yesterday during the first heavy snowfall of the year.

Students stand in line Monday morning to register for Independent Activities Period physical edu-
cation classes.

MIT's

Oldest and Largest

Newspaper

Volume 113, Number 64

Wednesday, January 5, 1994

MIT, Justice Dept. Settle Overlap Case

By Edie Richard

Congressmen were pleased.

After nearly three years of litiga-
tion, the Justice Department and MIT agreed to a settlement in the antitrust investigation of the finan-
cial aid practices of top colleges and universities.

At a Dec. 22 news conference President Charles M. Vest announced that the Justice Depart-
ment had agreed to drop changes against MIT and allow financial aid officers to share information about prospective students under certain conditions.

The Justice Department had charged MIT and 22 other schools, including Ivy League colleges, with violating the Sherman Antitrust Act by discussing and agreeing upon the financial aid packages of individual students who had been offered admission to more than one of the schools.

Both sides claim victory with the December settlement.

"Throughout this entire case, the [Justice] Department has had one goal in mind — to protect the inter-
ests of all students and their families in obtaining an affordable college education," said Robert E. Litan, deputy assistant attorney general for the Antitrust Division. "This settle-
m ent reaches that goal."

The Justice Department con-

tinues to believe that the Overlap process violated antitrust laws and that the agreement will prevent future violations, Litan said.

MIT also approved of the deci-
sion. "Our objective all along was to establish mechanisms by which col-
ges and universities could contin-
u e to pursue need-blind admis-
sions," said Michael Gass, a lawyer representing MIT. "We are absolutely delighted with the [final] mechanism.

"The higher educational commu-

nity now stands a much better chance of keeping financial aid focused on those who need it most, thereby enhancing access to our col-
ges and universities," Vest said. Senator Edward M. Kennedy (D-Mass.) said, "I commended MIT and the Justice Department for reaching a settlement that is an important step in enabling working families to afford a college educa-
tion."

"The Bush Administration should never have brought this antitrust case in the first place and I commend MIT for fighting its case through to a successful conclusion," Kennedy continued.

Modern system created

"The settlement that has resulted from these discussions [with the Justice Department] creates princi-
plies and procedures that permit future agreements and interactions among universities to implement workable systems of need-based financial aid," Vest said. "In short, this establishes a more modern sys-
tem to replace the overlap process."

"It was a difficult case for MIT to bring because MIT took a stand against government intrusion by saying that "the federal government should not be in the position of dictating educa-
tional policy."

Under the guidelines agreed to in the settlement, non-profit schools can participate in cooperative finan-
cial aid arrangements only if they agree to practice need-blind admis-
sions and provide full financial aid.
Frustrated U.N. Commander in Bosnia Resigns

By John Schwartz

WASHINGTON

The federal government Tuesday announced a $450,000 awareness campaign to promote the prevention of sexual abstinence in the face of the AIDS crisis. The campaign, the first of its kind, will target African-American women, who have the highest rate of new HIV infections. The campaign will use television, radio, and print ads to convey the message that sexual abstinence is the only way to prevent the spread of HIV.

The campaign, titled "Every New HIV Infection Is a Needless Infection," was developed by Donna E. Shalala, Secretary of the Department of Health and Human Services at a news conference called to unveil 13 new federally funded public service ads for radio and television.

"We have what we lack until now is the political will, because we have been too timid to talk openly about the prevention tools at our disposal," Ford said. "The new campaign will use the federal Centers for Disease Control and Prevention and designed to appeal to a young audience, employing a variety of approaches."

Two new television nightcrawler TV ads feature Denise Stokes, a 24-year-old Atlanta AIDS education counselor. Stokes looks into the screen and says: "The new AIDS drug AZT may help delay the advance of AIDS, but what we have lacked until now is the political will, because we have been too timid to talk openly about the prevention tools at our disposal."

The bill, which passed unanimously in the House, is directed at the Centers for Disease Control and Prevention and designed to appeal to a young audience, employing a variety of approaches. The bill, sponsored by Representatives F. Floyd H. Flake, a Democrat, and Charles A. Swift, a Republican, was passed by large party support for the renewed enthusiasm and dedication of TWA's employees.

Glenn R. Zander, a vice chairman of the board, also resigned, cing...
White House Defends New European Security Blueprint

By Paul Richter
and Doyle McManus

LOS ANGELES TIMES

WASHINGTON

Four days before President Clinton leaves for his first European summit meeting, the White House scrambled Tuesday to defend its new blueprint for East-West security and to mute Eastern European criticism that threatens to mar the coming week’s events before they begin.

Facing 11th-hour complaints from Polish President Lech Walesa and others, the White House enlisted Joint Chiefs of Staff Chairman John M. Shalikashvili and other senior officials to elaborate on details of the “Partnership for Peace” plan for gradually expanding NATO to accept some former antagonists.

Officials insisted the plan, which sets no timetable and few specific details of the “Partnership for Peace” plan for gradually expanding NATO to accept some former antagonists. The officials will meet with their counterparts in capitals of the Czech Republic, Hungary, Poland and Slovakia.

Ulster Catholic Leader Talks Of Peace to IRA

By Sandra Sugawara

THE WASHINGTON POST

WASHINGTON

Treasurer Secretary Lloyd Bentsen called Tuesday for a nearly 10-fold increase in gun dealer license fees as a step toward tightening federal control over gun purchases, but conceded the proposed deals with most at most a third of the United States’ weapons sales.

Bentsen, a self-described lifelong gun owner and hunter, said it is well past time for a nearly 10-fold increase in gun dealer license fees, as a step toward tightening federal control over gun purchases, but conceded the proposed deals with most at most a third of the United States’ weapons sales.

Bentsen acknowledged that the higher fees would have limited effect because only one-third of the nation’s guns are purchased through the 284,000 licensed dealers. He estimated that the other two-thirds come from off-the-street sales, from criminals who trade drugs for guns or steal them during burglaries, from black markets and flea markets and children who get them from their parents.

Bentsen noted that last year’s Brady Bill, the first major firearms legislation enacted by Congress since 1968, raised the federal gun license fee from $10 a year to $50 a year — or $200 for a three-year permit.

The GSC office has nomination forms for students interested in serving as student directors. Contact us for details.

The GSC office has nomination forms for students interested in serving as student directors. Contact us for details.
Hope Disappears in Sarajevo Winter

Column by Daniel C. Stevenson
Assistant Opinion Editor

A week before Christmas, Kemal Kuspa-hic, editor in chief of the Sarajevo newspaper Ostroslobodjenje, spoke at MIT about his country's and his city's struggle against Ser- bian and Croatian forces. Kuspa-hic's paper, the name of which translates into Liberation, has been published continuously throughout the war, despite a destroyed office building, constant sniper attacks, and a strict embargo placed on its circulation. Kuspa-hic did more than reiterate the numbing facts of continued violence and genocide in the former Yugoslavia; he explained the feelings the Bosnians have of apathetic or even apathetic global abandonment, the anguish of empty promises, and the rising hopelessness of the citizens of Sarajevo. Just a few days after Kuspa-hic's talk, a Christmas cease fire was brokered - and then broken - adding one more lien to the list of failed truces and unfilled expectations.

And on Monday, on the eve of the first peace talks of the new year in Vienna, 12 peo- ple were killed in heavy shelling in Sarajevo, including six members of one family. Day after day for almost two years, truces are made and then violated, innocent civilians are killed, and the rest of the world feigns ignorance. In my first column in The Tech last fall, I advocated strong, forceful global intervention in Bosnia-Herzegovina to prevent another 20th-century genocide. While I am far from hopeful for a peaceful outcome, I am aware that a world that tolerated virtually nothing has been done at all to resolve the conflict, fruitless nego- tiations continued, proposed settlements still favor the Serbs, people are still being killed, and a second winter has passed - a season usually filled with celebrations of peace, love, and hope in most of the world, but marked by war, hate, and broken promises in Sarajevo.

Despite widespread concern about the Bosnian situation, countless appeals for inter- vention, and continuing death and destruction, the predicament of the Bosnians has only worsened, and the apparent truth of brutal- ly violent nationalism has encouraged its spread beyond the former Yugoslavia - wit- nesses the recent advances made by ultranation- alist Vladimir Zhirinovsky in Russia. Now, more than ever before, armed inter- vention is necessary in Bosnia. Kuspa-hic's talk made the urgency of the situation abun- dantly clear: Sarajevans have lost their homes, their offices, their food, their friends, and their relatives. They still retain their hope, but it is slowly waning in the face of continued world- wide apathy. Fruitless negotiations, however attractive they might be in the short term, have horrific long-term consequences. We must act now, swiftly and strongly, if not to save the Bosnians, then to save those who will fall victim to ultranationalist genocide in the future.

The most important purpose of interven- tion is to send a message - that violent, genocidal aggression will not be tolerated by the global community. Kuspa-hic sug- gests in his talk that the message should include sur- gical strikes and military action and that the Serbs are not to be allowed to defeat Sarajevo, to be left to Kuspa-hic. He lamented that "this was the century when 'Never again!' was pro- claimed" - yet the same actions supposedly agreed to at Nuremberg continue to happen. Fortunately for the Bosnians, the Serbs are not alone in their criminal acts; the world media has at least been sporadically bringing light to the atrocities of this rather on-mated "war." A chilling conclusion to Kuspa-hic's talk was the assertion by one audience member that the Sarajevans were "doomed to die" and efforts should instead be focused on saving Kosovo and other parts of the former Yugoslavia from genocide by the Serbs. Kuspa-hic countered that he and many others in Sarajevo did not believe their cause was lost, and he noted that the conflict would be resolved peacefully and quickly. Amid shelling and bombing and without any intervention from other countries, this hope will not live forever.

Opinion Policy

Editors, printed in a distinctive format, are the official opinion of The Tech. They are written by the editorial board, which consists of the chairman, executive opinion editor, managing editor, executive editor, news editors, and opinion editors. Letters, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board chosen to publish their disagreement with the editorials. Opinion Policy is set by writers in individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. They must be typed, doublespaced and addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20- 463. Electronic submissions in plain text format may be sent to letters@the-tech.mit.edu. All submissions are due by 4 p.m. two days before the date of publication.

We reserve the author's signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of The Tech. The Tech reserves the right to edit or condense letters; shorter letters will be given higher priority. Once a letter becomes published, it cannot be retracted. We reserve the right not to publish all of the letters we receive.

To Reach Us

Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: ads@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, photo@the-tech.mit.edu, circ@the-tech.mit.edu (circulation depart- ment), campusmail@gengous@the-tech.mit.edu, and it will be directed to the appropriate person.
AN ANNOUNCEMENT

APPLICATIONS FOR THE 1994-1995 DEPARTMENT OF DEFENSE (DoD) GRADUATE FELLOWSHIP PROGRAMS ARE AVAILABLE IN THE MIT DEAN OF THE GRADUATE SCHOOL OFFICE, ROOM 3-138. ONE BOOKLET CONTAINS INFORMATION ON DISCIPLINES SUPPORTED, STIPENDS AND EDUCATIONAL EXPENSES, AND APPLICATION FORMS FOR THE FOLLOWING THREE FELLOWSHIP PROGRAMS:

1. NATIONAL DEFENSE SCIENCE AND ENGINEERING GRADUATE FELLOWSHIP PROGRAM (NDSEG)
   These are three-year fellowships for citizens or nationals of the United States. Persons with permanent resident status are not eligible to apply. For students at or near the beginning of their graduate study in science or engineering. All applicants are expected to have taken the GRE General Test. APPLICATION DEADLINE: JANUARY 19, 1994.

2. OFFICE OF NAVAL RESEARCH GRADUATE FELLOWSHIP PROGRAM (ONR)
   These are three-year fellowships for citizens of the United States only. Applicants must not yet have attended graduate school in science or engineering and must have scores from the GRE General Test. APPLICATION DEADLINE: JANUARY 19, 1994.

3. U.S. AIR FORCE LABORATORY GRADUATE FELLOWSHIP PROGRAM (LGFP)
   These are three-year fellowships for citizens of the United States only. Applicants must not yet have attended graduate school in science or engineering and must have scores from the GRE General Test. APPLICATION DEADLINE: JANUARY 19, 1994.

Jacqueline A. Sciacca
Assistant to the Dean of the Graduate School

---

One of the largest sperm banks in the United States is looking for donors.

The goal of the Cambridge California Cryobank, Inc. is to provide high quality sperm for artificial insemination. Requirements include good health, between the ages of 19 to 34, and a 9 to 12 month commitment.

Call for more information:
497-8646
COMPLETE MEDICAL SCREENING (ALL COSTS PAID) AND YOU EARN UP TO $105/WEEK IF QUALIFIED

---

The Freshman Fishwrap invites you to try out its experimental personal news service on Athena

- Regional news from around the world
- Special interest news
- On- and off-campus activities calendars

Simple to access:

athena% add fishwrap; fishwrap&

or in DASH:

Courses --> Freshman Seminars --> Fishwrap
Thank You

To Students, Faculty, Staff and Employees of M.I.T.

Bose Corporation was founded and built by M.I.T. people. Our success in research and in business is a result, in no small part, of what M.I.T. has done for us.

As one measure of our appreciation we are extending special purchase privileges to all students and employees of M.I.T. for their personal use.

Please direct all inquiries to the "M.I.T. Purchase Program."

BOSE CORPORATION
1-800-444 BOSE

Your M.I.T. identification will be required.
THE ARTS

Tantalizing plot makes The Pelican Brief shine

Washington also does a fine job as a reporter for The Washington Herald. We see from the start that he is a determined reporter, of relationship with her. Development lifts the movie out of the mediocre muddle.

Directed by Alan A. Pakula.

Law student Darby Shaw (Julia Roberts) tracks down investigative reporter Gray Grantham (Denzel Washington) to seek his help in unraveling a plot involving assassination and political corruption at the highest levels, in The Pelican Brief.

THE PELICAN BRIEF
Starring Julia Roberts and Denzel Washington
Directed by Alan J. Pakula
Loews Cheri.

Julia Roberts and Denzel Washington star in The Pelican Brief, a Warner Brothers film based on the novel by John Grisham (The Firm), in which two supreme court justices have been killed, and there seem to be no clues to unmask the murderer.

Darby Shaw, a law student and an admirer of one of the murdered justices, decides to solve the case. She spends weeks doing research and comes up with a suspect and his possible motives. This brief stirs up a lot of concern in the upper echelons of the government, with waves of anxiety washing as high as the White House.

Shaw soon realizes that everyone she shows the brief to seems to end up dead. When she finds herself being followed, she runs. Not knowing whom to trust, she turns to Gray Grantham (Denzel Washington), a reporter for The Washington Herald.

The plot is well-crafted, leaving a trail of clues for the audience to follow, but withholding the juiciest details until the end. And as a surprising twist, the suspense in this movie is not tied up in the identity of Shaw's and Grantham's pursuers, but in the contents of the mysterious document known only as the Pelican Brief. The murderer is revealed early on, and it is the cleverness of motive and depth of intrigue that keeps the story exciting.

Roberts' performance is nearly perfect. She plays the paranoid student believably: She was just as nervous about meeting the good guys as she was meeting the bad guys. At no point does she have the mysterious intuition that the person she is walking off with is about to try to kill her. The audience gets the impression that she is simply a very bright student who stumbled across something she shouldn't have.

The MIT Libraries announce a change in access to FirstSearch

Starting Monday, January 10, 1994, access to FirstSearch will be available only via Athena, using the following commands:

```
athena% add library <enter>
athena% tfirst
```

Athena accounts are available to all MIT Students, Faculty, and On-Campus Staff. Students and Faculty may register at any Athena Workstation by selecting Register for an Account on the login screen. Staff must first contact Athena User Accounts Office, (11-124H), x3-1325, accounts@mit.

People who will be using dialup or telnet to Athena and whose sessions will be less than 15 minutes long should use the Dialup Express service. Users can connect to Dialup Express by typing express at the CPT (pasta) prompt or by telneting to express.dialup.mit.edu.

For questions about Athena accounts, contact x3-1325, accounts@mit.
For other questions about Athena, call the Athena Consultants, x3-4435, or use olc.
For questions about Athena documentation, contact x3-5150, sendpubs@mit.
For questions about FirstSearch, contact Mary Pensyl, x3-7754, mepensyl@mit.
The Tech received a copy of this letter written to Attorney General Janet Reno by A. Leon Higginbotham Jr., a former chief judge of the Third Circuit Court of Appeals. Higginbotham's letter was one of many written to Reno by supporters of MIT.

Dear Attorney General Reno:

I had the pleasure of arguing the above-captioned case [USA v. Brown, MIT, et al.] pro bono publico before the Third Circuit on behalf of certain distinguished amici who supported the Massachusetts Institute of Technology. As you are no doubt aware, the Third Circuit has reversed the judgment of the district court and remanded it for further proceeding.

As amici, we think this case is a matter of profound public interest to all of the nation's students whose parents are not affluent, and it is of overwhelming importance to the minority community throughout the United States. Accordingly, on behalf of all the amici, I, and the co-counsel for the United States.

If this case is allowed to proceed in the future, many talented, but indigent students may not be able to attend MIT because it may not have sufficient resources to offer them financial assistance. MIT is proud of the fact that its enrollment of minorities has increased from three percent thirty years ago to the present record where 18 percent of the enrolled students are from African-American, Native American and Hispanic minority groups. A dismissal of this case will allow MIT to continue its mission of making college education accessible and affordable to a large pool of poor and minority students.

We recognize that the suit was not initiated with the imprimatur of your peremptory judgement as to how best to allocate either the limited financial resources of the antitrust division or the limited financial resources of MIT. There is no honorable public value in running the risk of refashioning that community at our stellar academic institutions.

I trust that I and the other amici will have the opportunity to meet with you to express our hope. I would like to have counsel for MIT present so that they can be fully apprised of any positions we have taken. Although I write solely to represent the interests and concerns of the amici I represented before the Third Circuit, I must also note that several congressional and other community leaders have expressed similar concerns about what they view would be a fundamental injustice if the department were to continue to prosecute this case against MIT.

A. Leon Higginbotham Jr.
**OPPORTUNITIES FOR PhDs OUTSIDE THE LABORATORY**

**REVISED IAP SCHEDULE**

<table>
<thead>
<tr>
<th>Date</th>
<th>Room</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, January 18</td>
<td>Room 2-105</td>
<td>Starting Your Own Business Dr. William T. Townsend, (MIT '88, Mech. E.)</td>
<td>President, Barrett Technology Incorporated</td>
</tr>
<tr>
<td>Thursday, January 20</td>
<td>Room 2-105</td>
<td>Environmental Consulting Dr. David E. Burmaster, (MIT '69, Civil Engineering)</td>
<td>President, Alceon Corporation</td>
</tr>
<tr>
<td>Monday, January 24</td>
<td>Room 2-105</td>
<td>Intellectual Property Law Dr. Holliday C. Heine, (MIT '67, Biology)</td>
<td>Attorney at Law, Weingarten, Schurgin, Gagnebin &amp; Hayes</td>
</tr>
</tbody>
</table>

All talks at 4 p.m. in the rooms indicated

*Sponsored by the Office of Career Services*

---

**FREE!**

**Airline Reservations & Ticketing Service**

**CRIMSON TRAVEL**

One Broadway • CAMBRIDGE

THOMAS COOK/CRIMSON is an official authorized agent for all airlines and there is no extra charge when you pick up your tickets at THOMAS COOK/CRIMSON!

**PURCHASE YOUR PASSPORT PHOTOS AND EURLAIN PASSES FROM US**

**IF YOU'RE TRAVELING ON ANY OF THESE AIRLINES...**

- American, United, Continental, Delta, TWA, Northwest, USAir
- British Air, Qantas, Air Canada, Iberia, Lufthansa, Swissair
- Air India, El Al, Icelandair, Allitalia, Aer Lingus, Viosa, or even shuttle flights.

**AVOID LONG LINES AT THE AIRPORT, MAKE YOUR RESERVATIONS AND PICK UP YOUR TICKETS AT THOMAS COOK/CRIMSON.**

---

**Do you need some extra cash?**

**Are you concerned about safety at MIT?**

Then you'll be glad to know that coming this semester is:

**SAFEWALK**

MIT Student Escort & Patrol Service

The primary objectives of the service will be to:

- Escort individuals who need to get to potentially unsafe or unguarded areas of the campus (e.g. cars, labs, ILGs).
- Supplement the MIT Campus Police patrolling efforts in the interior of campus by serving as extra "eyes and ears".

Paid positions will be available for:

- Student Administrator
- Dispatchers
- Escorts

Training sessions will be held in early February and operation will begin in mid-February.

For application forms or more information, please contact Susan Ipri, x3-3772, slipri@athena or Ken Porter at 730-9211, kporter@athena.
POLICE LOG

The following incidents occurred on or near the MIT campus during the period Dec. 4 to Dec. 30:

Dec. 4: Westgate lot, portable radio stolen from a car, $20; car stolen in Watertown recovered in 275 parking lot; Audrey Street, spare tire stolen from a jeep, $260.

Dec. 5: Student Center, leather jackets stolen, $200, 3125; male arrested for stealing a bicycle; West garage, '91 Honda broken into, various items stolen, $69; McCormick Hall, annoying phone calls.

Dec. 6: Sloan lot, vandalism to '89 Honda.

Dec. 7: Student Center, leather jackets stolen, $200, 3125; male arrested for stealing a bicycle; West garage, '91 Honda broken into, various items stolen, $69; McCormick Hall, annoying phone calls.

Dec. 8: Bldg. 37, computer parts stolen, $800; Bldg. I bicycle rack, $100 bicycle stolen.

Dec. 9: Bldg. 66, Powerbook, $3,000; Eastgate, female arrested for trespassing.

Dec. 10: Bldg. E15, computer stolen, $6,000.

Dec. 11: Eastgate, received a call for a medical emergency. Upon arrival MIT Police assisted a woman in delivering a baby boy; Hayden Library, suspicious activity.

Dec. 12: Burton House bicycle rack, bicycle stolen, $250; Student Center bicycle rack, bicycle stolen, $379; Westgate lot, 1) attempted larceny of a Hydrid; 2) theft of a Toyota.

Dec. 13: Bldg. 64, annoying person, Bldg. 7, male arrested for trespassing; Barker Library, wallet stolen, $20; Student Center, male arrested for breaking and entering.

Dec. 14: Eastgate, received a call for a medical emergency. Upon arrival MIT Police assisted a woman in delivering a baby boy; Hayden Library, suspicious activity.

Dec. 15: Tang Hall, bicycle stolen, $199; Bldg. 16, vandalism to computer equipment, $600.

Dec. 16: Bldg. 4, New House, suspicious persons.

Dec. 17: Bldg. 21, New House, suspicious persons.

Dec. 18: Bldg. 13, microwave oven stolen, $150; Kresge lot, car cover stolen from a car, $120.

Dec. 19: DJE 9, pedestrian broken; Bldg. 39, $100 stolen.

Dec. 20: MIT Student Center, male arrested for breaking and entering.

Dec. 21: MIT Student Center, male arrested for breaking and entering.

Dec. 22: DJE 16, breaking and entering, stereo equipment stolen; Bldg. NW14, breaking and entering.

Dec. 23: Bldg. 7, annoying phone calls; West garage, vandalism to door locks of a Toyota.

Central Square
899 Main Street
617 491 5877

MIT Student Center
617 494 1640

This offer expires January 31, 1994.

INNOCENT BYSTANDER

$3000 REWARD

- Wanted: a creative and practical concept for eliminating variability of wheel bearing adjustment in heavy-duty trucks and trailers and your reward could be a first prize reward of $3000. $7,000 total cash prize offerings.
- No experience necessary, but MIT students only.
- Learn more about the contest and other cash bonuses at a meeting on January 6, 1994, noon to 3:00 p.m. in room 3-370.

Faculty Advisor:
Woods Flowers
Mechanical Engineering Department

Sponsored by:
The Timken Company

SUMMER 1994 RESEARCH EXPERIENCE FOR UNDERGRADUATES
MIT HAYSTACK OBSERVATORY

Undergraduate science, mathematics, and engineering students are invited to apply for summer research positions at the MIT Haystack Observatory in Westford, MA. Research projects include studies of radio emissions from stars, investigations of the structure of the earth's upper atmosphere, and hardware and software development for data acquisition, processing, and recording systems. The positions are nominally three months in duration (June-August) and carry a stipend of $1300-1500/month depending on academic level and experience. Women, minorities and students with disabilities are encouraged to apply. For further information and application form write to:

Director /REU Program
Haystack Observatory
Route 40
Westford, MA 01886-1299

Tel: (508) 692-4762
Fax: (617) 981-0590

Application deadline is February 7, 1994.
Institute Applauds “Major Victory” in Overlap

Students Receive Scholarships

Qualified in English

Classified Advertising

Electronics Engineer A position is available for a digital design engineer with experience in VLSI and general digital design, including CPLDs and FPGA's. Responsibilities include design of hardware and software for microprocessor-based embedded control systems for space flight. Familiarity with the 8086, 6800 or Z80 family is required. A general knowledge of analog electronics is useful. Other projects involve hybridization of a microprocessor system, interfacing embedded systems for PGCs for general testing, and writing display and test software for PGCs. Experience is useful, but not required. Send resume to: AMPtec, INC., EE Personnel, 6 DeAngelo Drive, Bedford, MA 01730. (617) 219-2242

Wanted: Talent. A good story. Enough so it'll do it alone. MaxIMAJA.ORG

International Employment

Make up to $2,000-$4,000/mo. teaching basic conversational English in Japan, Taiwan, or S. Korea. No teaching background or Asian language required. For info, call (206) 632-1146 ext. 35033

Student Leaving School

Send to: Mike Exposito, Manager Deloitte & Touche Management Consulting 1633 Broadway New York, NY 10019

Negotiators Avoid Second Trial

By Jeremy Hytton

The settlement reached in the Overlap antitrust suit last December suspended negotiations aimed at avoiding a trial scheduled to begin in late March.

The Justice Department challenged the Institute's practice of sharing financial aid information about prospective students with other universities that offered admission to those students.

The trial scheduled for March would have been MIT's second appearance before the U.S. District Court in Philadelphia. In June 1992, District Judge Louis J. Bedide ruled that the Overlap meetings violated the Skemer Antitrust Act, but in September 1993 an appellate court ordered a new trial.

In a 2-1 ruling, the 3rd U.S. Circuit Court of Appeals decided that Justice had erred by taking only a "quick look" at the argument offered by MIT in defense of the Overlap arrangement.

The appeals court found that the district court was obliged to more fully investigate the procompetitive and noneconomic justifications preferred by MIT.

"It really put [the Justice Department] into a tailspin when the 3rd Circuit Appeals Court took their arguments out from under them," said Michael Gass, a lawyer representing MIT.

The Justice Department, then headed by Richard P. Thornburgh, began its investigation of the financial aid practices of 37 colleges and universities in 1989. Eventually it focused on 22 eastern schools, including MIT and the Ivy League schools, known as the Overlap Group.

The Overlap Group, formed in 1958, met each spring to negotiate financial aid packages for students accepted at more than one of the Overlap schools.

The individual financial aid packages were adjusted at the meeting to make each package similar or identical. The overall process for calculating aid was also the same at each school.

The Overlap Group stopped meeting in March 1991, and two months later nine college admissions deans signed a statement declaring that "they will no longer collude or conspire on financial aid."
special invitation to MIT Students, Faculty, and Business Community

1994 course during IAP at the Massachusetts Institute of Technology sponsored by the MIT Enterprise Forum of Cambridge, Inc.®

STARTING AND RUNNING
A HIGH TECH COMPANY

Learn What it Takes to be a High Tech Entrepreneur!
Tue-Fri, Jan 18-21

○ Speakers and examples from diverse technologies - computers and electronics, materials science, robotics, medical and biotech
○ Practical advice from experienced entrepreneurs on: fund raising, finding good people, marketing and sales — and on dealing with the many pitfalls of new ventures
○ Live presentations of a startup business plan, and of a company case study

Tue
Insiders' Views of Starting a Company
Recognizing Opportunity and Running With It
1-4 PM in Edgerton Room 34-101, 50 Vassar Street

Nuts and Bolts of Preparing a Business Plan
6:30-8:30 PM in Room 6-120, 77 Mass Ave (*)

Wed
Team Building and the Human Side
Plus Intellectual Property, 1-4 PM in Room 34-101

Thu
High Tech Marketing and Sales
1-4 PM in Room 34-101, followed by reception

War Stories from Entrepreneurs
6:30-8:30 PM in Room 6-120 (*)

Fri
Raising Money and Launching Your Company
Live Presentation and Analysis of a Startup Business Plan
1-4 PM in Room 34-101

This course is FREE for MIT students/faculty/staff. Business community registration is $150 for the full, integrated four-day program. Scholarship aid, and a single-day ticket for $50 is available. Make checks payable to the MIT Enterprise Forum and send to 201 Vassar Street, Room W59-219, Cambridge MA, 02139. Call (617) 253-8240 for more information.

MIT Enterprise Forum IAP Committee:
Ralph E. Grabowski '63
Matthew K. Haggerty '83
Karen Mathiasen GM '71
Peter A. Quigley '85
Bardwell C. Salmon '62
Dr. Barry Unger '69

(*) in conjunction with the Fifth Annual MIT 10K Business Plan Competition

MIT ENTERPRISE FORUM®
Conference for Black Women to Be Held at MIT

By Sarah Y. Keightley

"A national conference focusing on issues concerning black women in academia — the first of its kind — will be held at MIT this Thursday, Friday, and Saturday."

"Black Women in the Academy: Defending Our Name 1894-1994" will include keynote speakers in Kresge Auditorium and presentations around campus. Among the headline attractions is a keynote address by Lani Guinier.

"This is an extraordinary event for MIT," said Robis W. Kilson, professor of history and women's studies and one of the conference's organizers. It will go "a long way to changing the image of MIT for minority faculty across the nation," she added.

Organizers are expecting about 2,000 people to attend, according to Kilson. "People are enormously excited," she said. It is quite an event to get people to come to Boston in the middle of January.

People are coming from all over the country, from community colleges to Ivy League schools, Kilson said. Scholars will also be coming from South Africa and the Netherlands.

Though the conference is targeted at black women faculty, organizers expect a diverse group of people to attend.

Forum for sharing experiences

The main purpose of the conference is to create a forum for black women in academia to share their experiences and work and to network with others in similar fields.

Instead of about 200 participants will be presenting papers on a wide variety of topics, Kilson said. Presentations will concentrate issues such as 'career issues, getting jobs, getting through graduate school,' she said. Also, some presenters will discuss issues of "wider interest to black women in general." This includes policies, the fate of New York and Lani Guinier, reproductive policy, and welfare policy, she said.

Kilson said she does not anticipate one particular highlight for the meeting. Rather, "the whole conference is the highlight.

The conference will feature three keynote speakers: Lani Guinier from the University of Pennsylvania Law School — President Bill Clinton's candidate to head the Civil Rights Division of the Department of Justice. She will withdraw her nomination; Dr. Johnnetta Cole, president of Spelman College; and Professor Angela Davis of the University of California Santa Cruz.

In addition to these speeches, more than 60 panels, workshops, and round-table discussions will be given to 10 students each year. The undergraduate awards are for "undergraduates at MIT who have exemplified innovation or invention in some way," according to Annemarie Amaro, associate director of the Lemelson-MIT Prize.

The research fellowships will be given to 10 graduate students on a staggered basis — $30,000 a year for two years. This is still not completely definite, Amaro said.

"We're very excited about the fellowships because of the research, the Ph.D. degree program, and the opportunity to help people," said Lister.

A Massachusetts state task force is also investigating several radiation experiments, and Senator Edward Kennedy has called for a meeting to be held at the Ferrall school tomorrow.

"I'm cooperating with the other investigations, but believes that the information that could help identify subjects will be found in Ferrall school records.

Studies of calcium, iron

The two experiments conducted...
World & Nation

Israel Agrees on Functions Transfer in West Bank, Gaza Strip

Israel has agreed on the transfer of certain civil government functions in the occupied West Bank and Gaza Strip to a new Palestinian self-government. The agreement, which was reached after two days of talks, is significant because it is one of the most difficult issues blocking an agreement on Palestinian autonomy, delegates said Tuesday.

By John Lippman

and Mark Landler

NEW YORK

After two days of meetings, Israel and the Palestinians said Tuesday they have reached an agreement on the transfer of civil government functions in the West Bank and Gaza Strip.

The agreement, reached after two days of talks in New York, is significant because it is one of the most difficult issues blocking an agreement on Palestinian autonomy, delegates said Tuesday.

The agreement calls for the transfer of certain functions from Israeli to Palestinian officials, including the collection of taxes, the provision of social services, and the management of local infrastructure. The agreement also includes provisions for the establishment of a joint committee to monitor the implementation of the agreement.

The agreement is the result of intensive negotiations between Israeli and Palestinian officials, who have been meeting in New York over the past two days. The talks have been complicated by disagreements over the scope of the agreement and the responsibilities of the parties involved.

The agreement is expected to be signed in the coming days, and will be followed by further negotiations on the transfer of military and security functions.
Aides Conclude Clintons Must Disclose Whitewater Dealings

By David Lauter and John M. Broder

WASHINGTON

Senior White House officials have concluded that President Clinton and first lady Hillary Rodham Clinton must abandon their insistence on withholding documents related to their involvement in the Whitewater real estate project and begin disclosure promptly after the president's return from Europe, aides said Tuesday.

In a sign that Clinton may be ready to heed his aides' advice, the president noted, in a televised interview on Tuesday, that he had agreed earlier to cooperate with Justice Department investigators. But "people said that's not enough, so I think we have to evaluate that and see where we are," he said.

The aides, frustrated over the pounding the White House has taken on the issue, also said they increasingly believe Attorney General Janet Reno must abandon their insistence on withholding documents related to their involvement in the conflict over whether they will have to disclose the documents.

Los Angeles Times

Salinas Calls for Negotiations, Truce with Southern Indians

By Tracy Wilkinson

Los Angeles Times

President Carlos Salinas de Gortari's government, struggling to put down a deadly Indian rebellion in southern Mexico, stepped up pressure Tuesday with a call for a truce and an appeal to listen to the guerrillas' demands.

Salinas' newly appointed peace negotiator, former Mexico City Mayor Manuel Camacho Solis, sounded a conciliatory note in his first public remarks, even suggesting the Zapatista National Liberation Army (EZLN), as the guerrillas call themselves, could be recognized as a legitimate force.

"They are a reality," Camacho said in a news conference, "if we are going to reach an end to the conflict, we have to have the opportunity to listen to the guerrillas' demands.

Salinas' new peace negotiator Mengistu Mengistu.

The statement was signed by the chief peace negotiator, identified as the leader of the Zapatista rebels. Mengistu used the statement to correct reporters, who have been referring to him as "Comandante," saying he was merely a "sub-comandante."

Camacho, who has a reputation as an able negotiator whose skills were honed in the political fights that went with running this unregulated capital, declined to comment on the specific demands presented in the statement, except to say he would "continue their advance to the capital."

It was a signal of many of Russia's neighbors, dearth, the kind of incorrect that, in the west of images, might bring Russian troops marching to occupy a tiny country.

According to officials on both sides, that is what nearly happened in Latvia this spring, when a pro-Western local official sent the militia to surround a Russian military compound, arrest two Russian generals and pack them off in handcuffs to be summarily deported.

Before Latvia apologized Tuesday, Russia's Defense Ministry had put an airborne division on combat alert and warned Latvia President Guntis Ulmanis that troops would cross into his country in 15 minutes if the militia stood its ground.

Before Ulmanis, swiftly, nobody got hurt and the official who started it all was fired.

The strong showing of ultra-nationalists in Russia's parliamentary elections last month has especially alarmed the three Baltic states--Estonia, Latvia and Lithuania--sized by the Soviet Union in 1940.

The incident in Latvia could also lend weight to Russian President Boris N. Yeltsin's appeal that the West allow his country a special role in policing former Soviet areas.

New York Police Superintendent Likely Pick to Head DEA

New York State Police Superintendent Thomas Constantine is expected to be the top candidate to head the Drug Enforcement Administration, administration sources said Tuesday.

Constantine, whose appointment requires Senate confirmation, would succeed former U.S. District Judge Robert C. Bonner, a Bush administration appointee who stepped down in October to return to practicing law in Los Angeles. The DEA chief oversees a 3,500-agent organization whose mission is to enforce the nation's drug laws. The agency operates in 53 countries and all 50 states.

Assuming Constantine is confirmed for the post, he will inherit a DEA that has been altered slightly as a result of Vice President Al Gore's "reinventing government" effort. Initially, Gore's task force had proposed merging the DEA into the FBI to enhance its effectiveness and efficiency. But that idea met with resistance from the organization and some law enforcement experts. Instead, Attorney General Janet Reno gave FBI Director Louis Freeh authority to ensure that the two agencies work more closely together in their drug-fighting efforts.

Constantine, who acknowledged in November that he was under consideration for the post, speculated then that the administration's interest in him stemmed from his experience with anti-drug campaigns in New York. The 54-year-old Buffalo, N.Y., native has been a member of the state police force for 31 years.

Constantine could be reeled in for comment Tuesday.
Fight AIDS with Awareness, not Morals

World AIDS Day is not a commemoration of HIV "victims" as A. Arif Husain put it in his column ["Other Diseases Overshadowed by AIDS", Dec. 7]. World AIDS Day is a unifi
cated worldwide effort to support people living with AIDS, including friends and family of those infected with HIV. It is meant to educ
ate the public on prevention and urge people to take action against the spread of this dis
case.

Despite all efforts, there are those who will treat this disease as a moral issue instead of the public health matter it has been all along.

We are making a big deal out of AIDS, but that is because it is a big deal. AIDS is now the leading cause of death among men between the ages 25 and 44 in the United States, and the fourth leading cause among American women in the same age group, according to the Center for Disease Control's Morbidity and Mortality Weekly Report.

Husain says that cancer and heart disease take more lives across the globe, but fails to realize that the target age group that AIDS affects dramatically does indeed make it the world's greatest killer. Because of its devastating effects on the 25–44 year old age group, it is destroying a large portion of the world's most economically, intellectually, and artistically productive people.

Although many MIT students may not yet belong to this age group, this statistic reflects the numbers of people with AIDS, and not nec

Opinion Policy

Editorials, printed in a distinctive format, are the official opin
ion of The Tech. They are written by the editorial board, which con
sists of the chairman, editor in chief, managing editor, executive editor, news editor, and opinion editors.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the news
paper.

Letters to the editor are welcome. They must be typed, double
spaced and addressed to The Tech, P.O. Box 350209, Cambridge, Mass. 02135-0209, or by imperalmail to Room 8260, 77 Massachusetts Ave., Building 30, Cambridge, Mass. 02139. Electronic submissions in plain text format may be mailed to letters@tech.mit.edu. All submissions are due by 4 p.m. two days before the date of publication.

Letters and cartoons must bear the author’s signatures, addres
ses, and phone numbers. Unsigned letters will not be accepted. Electronic letters will be printed anonymously within 24 hours of prior

To Reach Us

Electronic mail is the easiest way to reach any member of our
staff. Mail to specific department may be sent to the following addresses on the Internet: ads@tech.mit.edu, news@tech
mit.edu, photo@tech.mit.edu, arts@tech.mit.edu, sports@tech.mit.edu, circulation@tech.mit.edu. For other matters, send mail to general@tech.mit.edu, and it will be directed to the appropriate person.
Images of Holocaust despair haunt Schindler's List

By Patrick Mahoney

Havving grown up as an Irish Catholic in a middle-class family, I may not be the most qualified person to comment on a movie about the Holocaust. Then again, although I knew almost nothing about the Holocaust going into the movie, I must say that even I was moved. I was not ready for a movie which told such a horrific story so matter-of-factly. The images, the people, and even the denouement of "the final solution" were all incredibly laid forth by director Steven Spielberg.

The film was done entirely in period black and white. Spielberg begins the film by using newsreel-like footage, and uses that to lead into the story. The technique fits perfectly, and by the middle of the film we don't notice it anymore. Only the end of the film is in color, where Spielberg moves from the freeing of the Jews at the end of the war to a pre-war day shot of many of the descendants of the Schindler Jews.

The images that Spielberg presents look real. The Jewish ghetto presented may or may not be accurate representations, but they were certainly believable. The images of the workers at the plant, the scenes of the factory, and by the middle of the film we don't notice them anymore. Only the end of the film is in color, where Spielberg moves from the freeing of the Jews at the end of the war to a pre-war day shot of many of the descendants of the Schindler Jews.

The film's title presents an "everytown" sort of setting, a city that is as open to equality and brotherhood as it is prone to racial mistrust and discrimination. After a quick glimpse of Philadelphia's streets through the film's opening credits, the story centers on the life of Andrew Beckett (Tom Hanks), a young, vital attorney on the fast track for success in a high-powered urban firm. Beckett's life is far from ideal, however, as he is forced to conceal his homosexuality and his HIV-positive status from his employers, who later condemn his "deviant" behavior in private. His health inevitably deteriorates, and, in the midst of handling a major case for the firm, Beckett is suddenly fired, seemingly without just cause.

Beckett's subsequent suit against his former colleagues for AIDS discrimination leads him to seek counsel, after many rejections, from Joe Miller (Denzel Washington). Miller is, at first glance, a world apart from Beckett's case. He is, a small-town personal injury lawyer, better known for television commercials than for legal talent. Miller is also a homophobe, and the chain of events that turn his emotions in line with Beckett's case is far from unexpected but also is poignant and subtly directed.

The film's strengths are mainly attributable to the emotional power of the subject matter, yet the film also suffers from the handling of the material, sometimes mistaking religious sentiment for emotional warmth. The effort to make the film topical and accessible to a mainstream audience at times seems more slick than heartfelt. The film's courtroom scenes are carefully constructed so that the arguments made by Miller about the public distrust of AIDS are clearly a social issue, more studied than inspired.

Schindler's List

Directed by Steven Spielberg.
Written by Steven Zaillian.
Starring Ben Kingsley, Ralph Fiennes, and Ben Kingsley.

The Silence of the Lambs

By Patrick Mahoney

Hollywood's decision to back a movie like Philadelphia signifies a major change in social consciousness. The film is quite candid with its subject matter, namely the AIDS epidemic. Not only does it confront the medical aspect of the AIDS crisis but also tackles the social view that the general public takes toward people afflicted with the disease.

In this broad sense, Philadelphia is a success. Director Jonathan Demme, riding high after his success with The Silence of the Lambs, does a good job in depicting the social plight that accompanies those with AIDS. The film's title presents an "everytown" sort of setting, a city that is as open to equality and brotherhood as it is prone to racial mistrust and discrimination. After a quick glimpse of Philadelphia's streets through the film's opening credits, the story centers on the world of Andrew Beckett (Tom Hanks), a young, vital attorney on the fast track for success in a high-powered urban firm. Beckett's life is far from ideal, however, as he is forced to conceal his homosexuality and his HIV-positive status from his employers, who later condemn his "deviant" behavior in private. His health inevitably deteriorates, and, in the midst of handling a major case for the firm, Beckett is suddenly fired, seemingly without just cause.

Beckett's subsequent suit against his former colleagues for AIDS discrimination leads him to seek counsel, after many rejections, from Joe Miller (Denzel Washington). Miller is, at first glance, a world apart from Beckett's case. He is, a small-town personal injury lawyer, better known for television commercials than for legal talent. Miller is also a homophobe, and the chain of events that turn his emotions in line with Beckett's case is far from unexpected but also is poignant and subtly directed.

The film's strengths are mainly attributable to the emotional power of the subject matter, yet the film also suffers from the handling of the material, sometimes mistaking religious sentiment for emotional warmth. The effort to make the film topical and accessible to a mainstream audience at times seems more slick than heartfelt. The film's courtroom scenes are carefully constructed so that the arguments made by Miller about the public distrust of AIDS are clearly a social issue, more studied than inspired.

Interested in movies, plays, or concerts?

Review arts for The Tech!

Call Ann Ames or J. Michael Andresen at 253-1541.

Deloitte & Touche Management Consulting

is seeking

MIT 1994 Graduates

for the

Business Analyst and
Systems Analyst Programs.

All interested candidates should send a cover letter and résumé by February 1, 1994

Deloitte & Touche

Tollgrass International

Send to:
Mike Esposito, Manager
Deloitte & Touche Management Consulting
1633 Broadway
New York, NY 10019

We Listen. We Deliver.}

Deloitte Touche Tollgrass International
January 12, 1994

ON THE SCREEN

BY THE TECH ARTS STAFF

Excellent
Good
Average
Poor

5/5 Malcolm X
Spike Lee has translated the complex life of Malcolm X into a fascinating and involving epic which, like most of Lee's work, raises more questions than it does answers.

A well-balanced epic which, like most of Lee's work, raises at the roots of society more powerfully than able solution, it expresses the racist problems in injustices done to blacks. Although the film, like Malcolm, never comes to a truly workable conclusion, it expresses the recent problems at the roots of society more powerfully than any other recent movie. LSC Sunday

Mrs. Doubtfire
After a messy divorce, Daniel Hillard (Robin Williams) will do anything to see his nine and much run-of-the-mill slapstick.

Mrs. Doubtfire is a perfect world Kevin Costner plays Dutch Haynes, a criminal with a soft spot for kids. The movie is the story of how Haynes comes to take the determined reported who will stop at nothing to get a story. The strength of the plot and keep the audience's attention until the very end.

5/5 The Pelican Brief
Julia Roberts is a law student who has created a legal brief which details her ideas on who recently murdered two Supreme Court justices and how it relates to the president. Denzel Washington is a reporter for the Washington Herald whom Roberts contacts when her lover and his friends are killed after they see the brief. Roberts is near perfect, and plays the stressed and paranoid student to the hilt. Washington is convincing in his role as the determined reporter who will stop at nothing to get a story. The strength of the film is in its ability to carefully develop its plot and keep the audience's attention until the contents of the brief are revealed at the very end.

$3.00 A Perfect World
Kevin Costner plays Dutch Haynes, a criminal with a soft spot for kids. The movie is the story of how Haynes comes to take the determined reported who will stop at nothing to get a story. The strength of the plot and keep the audience's attention until the very end.

Now you can read The Tech online:

From any Athena workstation or dialup type: athena% add tech

From outside MIT:
telnet the-tech.mit.edu
login: www
Password: [return]

EZ-CARD, BOX 16516, ATLANTA, GA 30321

YES! I want VISA®/MASTERCARD® Credit Cards approved immediately. 100% GUARANTEED!

NAME
ADDRESS
CITY STATE ZIP
STUDENT? Yes No SS#

SIGNATURE

NOTE: MasterCard is a registered trademark of MasterCard International, Inc. VISA is a registered trademark of VISA USA, Inc. and VISA International

MAIL THIS NO RISK COUPON TODAY!
January 12, 1994

THE ARTS

Theater
Teresa Ralli Lecture/Demonstration. Lecture/demonstrations with Teresa Ralli, a leading actress and member of the internationally acclaimed Peruvian theater company Vuy-chakti, visiting artists-in-residence at MIT. Ralli will demonstrate for physical and vocal expertise through theory exercises and interactions with traditional and modern masks and costumes. Jan. 13, 3 p.m. — Kresge Little Theater Jan. 14, 8 p.m. — Killian Hall (14W-111) — Information: 235-5623

Visual Arts
Dan Graham: Public/Private. American conceptual artist Dan Graham uses film, video, performance, architectural models, and glass and mirror structures to engage the viewer in recognizing the physical, psychological, and social interactions that occur within public and private spaces. The works included in this 30-year retrospective exhibition underscore the artist’s continuing fascination with interior and exterior space and the adjustments viewers make when anticipatory boundaries are removed. • • • •

Maria Fernanda Cardoso: Recent Sculpture. Colombian artist Maria Fernanda Car- doso creates elegant, Minimalist-inspired sculpture from materials available in a non-African audience, such as preserved frogs, snakes, lizards, and artist confusing cross-cultural communications. Particularly in relation to the presentation and interpretation of art, as well as the often-charged relationships between humans and other species.

Exhibitions run Jan. 15 through Mar. 27 Opening Reception: Jan. 15, 4-7 p.m.

Music
MIT Festival Jazz Ensemble Performance at IAJE Conference. The MIT Festival Jazz Ensemble will participate in the 21st Annual International Conference of the International Association of Jazz Educators to be held at the Sheraton Boston Hotel and Towers and the Hynes Convention Center, Jan. 13-16. The conference, which features concerts and clinics, will also focus on the music industry’s products and services and the technology used in jazz and jazz education.

Jan. 15, 11 a.m. (EFE performance) — Sheraton Boston Hotel Grand Ballroom, 9 Dalton St., Boston.

• • • •

Journey into a Dream: Musical Tribute to Martin Luther King. Annual Martin Luther King Celebration/Tribute performed by jazz vocalist Senemai McCord and Associates.

Jan. 15, 8 p.m. — Kresge Auditorium (Class 06-039). — Information: 235-2700

• • • •

MIT Composers Ensemble Original compositions by MIT composers. Featured on the program are: Chris Adler ’94, David Alt ’93, Adam Childs ’94, Alan deLe- spinasse ’94, Dan Husker ’90, and Dan Schmidt ’91. Additional musicians for this concert include Dianne Altman G (clarinet), Deb Kreuze ’91, soprano; and Bernadette Meister (Harvard, violin).

Jan. 15, 2 p.m. — Killian Hall

Film

Award of Zoom. Kibachi Okamoto’s 1966 classic about a vulture, breeding lord of the Tokugawa period.

Jan. 19, 7 p.m.

Kageyama: Akiko Kurasewa’s acclaimed epic drama of feudal conflict in 16th-century Japan. Jan. 18, 9 p.m.

Museum Exhibits
Strabo Alley: Optical Alchemy. Full-color fluorescent pictures of corals and anemones by Charles H. Mazel SM ’76, a research engineer in the Department of Ocean Engineering, taken at MIIT during underwater dives. Matched pairs of images offer a comparison between the subject under “normal” reflected-light photogra- phy and under illumination with ultravi- olet light. (Ongoing) — Information: 253-4444

• • • •

Hurt Nautilian Gallery: 55 Massachusetts Ave. Weekdays 9-8 — Information: 253-5642

Course 13, 1893-1993: From Naval Archi- tecture to Ocean Engineering. The develop- ment of the Department of Naval Architecture from its early years to 1970 when it was name changed to the “Department of Ocean Engi- neering.” Exhibits include historic photos, models, and computer graphics, and highlights a sampling of current research including that performed by the department for Bill Koch’s ’62 successful America’s Cup cam- paign with America’s (1993) Boston Fisheries 1900-1920. Photographs documenting Boston’s Wharf area.

MIT Museum: 265 Massachusetts Ave., Tues-Fri 9-5 p.m., Sat-Sun 1-5 p.m. Requested donation: 52. — Information: 253-4444

The Works of Charles H. Woodbury. After several years on tour, this major retrospective of the oils, watercolors, etch- ings, and drawings of Charles H. Woodbury returns to the MIT Museum. Artist/Teacher Charles H. Woodbury (1884-1940) was born in Lynn, gradu- ated from MIT in 1886 and established himself in Ogunquit, Maine in 1898, where he founded the Ogunquit art colony. This collection of Woodbury’s work was described by New York art dealer Fritz Cohn as “ingenious and illuminating.” (No definite closing date)

Doe Edgerton: Stopping Time. Photographs, instruments and memolution documenting the invention and use of the stroboscope by the late Harold E. Edgerton ScI ’27. Holography: Types and Applications. Sci- entific, medical, technical, and artistic imag drawn from the work of the Spatial Imag- ing Group at the Media Lab.

Light Sculptures by Bill Parker ‘74. Vivir, interactive light sculptures, each with its own personality and set of moods.


Matisse: Hands-on exploration of geome- try is the theme as visitors tinker with many plug-ins.

** All events free unless otherwise noted **

If you would like your MIT arts event to appear in future listings, call The Tech a 3-1541 and ask for Ann or Michael or send e-mail to arts@tech.mit.edu.

January 12, 1994
He learns about many of the practices that Stern is engaged in. But at no point does he ask Stern to stop, and later in the film we see that he actively instructs Stern to do things that he would have frowned upon earlier. All this time, he maintains the illusion of being a practicing member of the Nazi party. In the end, he has changed to the point where he begs other Jewish workers for his new armaments factory.

The film is extremely graphic. Spielberg masterfully directs some of the casting moves are obvious. The film is extremely graphic. Spielberg masterfully directs the audience sees the progression from forced registration, to life in the ghettos, to life in the camps. Spielberg takes as vividly through each repulsive stage.

Neeson is superb. He shows no emotion, exactly as we would expect. His transformation from esteemed member of the Nazi party to a "righteous" man who saves a thousand Jewish people is adequately slow and well developed. Perhaps the most important reason that he is so believable is that until the very end, we never see the emotional side of him. He appears to be a simple businessman, but at the same time, he realizes the atrocity it could have been, but it still carries the impression of justice and emotion fighting the system. Philadelphia is not the revelation on AIDS that it was hyped to be, nor is it the flawless piece of social commentary it could have been, but it still carries enough emotion and power to affect an audience deeply.

Spielberg masterfully directs historical drama

Blood Drive

Wednesday, January 12
10:00 a.m. - 5:00 p.m.

La Sala De Puerto Rico - Student Center

Contact T.C.A. at 3-4885 or the American Red Cross at 1-800-258-0025 ext 2095 or 2092 for an appointment or more information

This space donated by The Tech

(Even) Better Teaching @ MIT

Do you teach? Do you plan on teaching some day? Then check out this monthful of provocative sessions. Open to all - faculty, graduate students, undergraduate students, and staff.

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>I A P</td>
<td></td>
<td></td>
</tr>
<tr>
<td>January 1994</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Working with Students (and with Students' Problems)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Robert Randolph and Ker Kolenbrander</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11am, 10-290</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Outrageous Ideas: Rethinking the Basic Elements of a Course</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mark Schuster</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11am, 16-134</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Science Teaching Forum: What's There to Discuss?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daniel Goroff and Brian White</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2pm, 16-134</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>(A Little) Writing, Everyone? Ten Painless Gimmicks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travis Merritt, Les Perelman, and Ian Waiz</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2pm, 16-134</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Teaching a Recitation Section: Tips to Ensure Success and Save Time</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Donald Sadoway and Jackie Acho</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2pm, 16-134</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Teaching in English - Your Second Language</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suzanne Koons</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11am, 10-280</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Good Teaching: At what cost? At what benefit?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hermann Haus and Frank Solomon</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2pm, 2-105</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Institute Holiday: Martin Luther King, Jr.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Teaching Laboratory Subjects</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jennifer Cassfield and Jonathan Wilker</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2pm, 2-105</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Should You do it With a Computer?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greg Jackson</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11am, 6-120</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Producing and Teaching a Successful Subject</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daniel Kemp</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11am, 6-120</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>How to Speak</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patrick Winston</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11am, 6-120</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Sponsored by Undergraduate Academic Affairs and the Dean of the Graduate School.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact: Peggy Enders: 7-133, x3-3561</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Independent Activities

The second experiment studied the way calcium is absorbed from milk. The researchers gave 45 youths small doses of radioactive calcium that range from about 4 to 12 milliradians.

The results of the experiments provided valuable insights into nutrition, Litster said. "They did learn some interesting things from these experiments... Certainly the calcium studies laid the groundwork for all kinds of follow-up studies involving calcium, metabolism, trying to understand osteoporosis."

Control of diet necessary

In published reports, the Fernald school experiments have been criticized because they were performed on a segregated population of mentally ill or deficient subjects. One Massachusetts mental-health official described them as "barbaric."

Litster said he thought that characterization was unfair. He said he doubted that anyone involved placed a lower value on the lives of the subjects because they were retarded.

The choice of the Fernald school as site of the experiment was rather one of convenience, Litster suggested. "You needed to have people whose diet was carefully controlled, and you needed to collect all their waste products. And people who were all living together in an institution made a very convenient set of subjects," he said.

Still, Litster said that the research would be more seriously questioned today. "People's attitude towards radiation has changed and I think people's attitudes towards medical experimentation involving especially children and mentally defective people has also changed," he said.

Litster explained that all experiments on human subjects carried out at MIT today are reviewed by the Committee of the Use of Humans as Experimental Subjects. The Committee and other government and medical bodies enforce more stringent standards for radiation experiments and experiments involving children than were in place in the 1940s and 1950s.

Consent procedures different

Securing the informed consent of subjects was "up to the ethics of the individual investigator" at the time the experiments were carried out, Litster explained. "None of our MIT people were medical people, so that... they would naturally collaborate in some way with a medical person," Litster said. "The procedure in those days was that the medical person who performed surgery was the one who was responsible for the informed consent process."

According to a report published in The Boston Globe, parents of the youths at the Fernald school were probably not told that the nutritional experiments their children would be participating in involved radioactive tracers.

---

**Radiation Exposure in Millirads**

- 5000: The current yearly limit for exposure for adults who work with radioactive materials.
- 500: The current yearly limit for minors working with radiation.
- 400: Natural background radiation in Denver each year.
- 330: Highest dose received by subject of iron experiment at Fernald school.
- 300: Natural background radiation in Boston each year.
- 230: Average dose of subject in Fernald iron experiment.
- 170: Lowest dose of subject in Fernald iron experiment.
- 30: Approximate exposure from radioactive elements occurring naturally in the body.
- 12: Greatest exposure caused by Fernald calcium experiments.
- 10: Exposure involved during flight from Boston to California.
- 2: Dose the body receives from a chest X-ray; the chest receives a higher dose.

The radiation exposure of youths at the Walter E. Fernald School — as a result of experiments conducted by MIT researchers — was calculated by Dusa for Research J. David Litster PhD '65 from the researchers' published findings.

The table below lists the approximate exposure caused by the experiments, and by a variety of other natural and medical causes.

- Radiation exposure is measured by the rem, which is calculated so that values from different kinds of radiation can be compared. A rem is equivalent to one rad applied uniformly to the whole body; one rad equals the deposition of one erg of energy per gram of mass.
- The highest dose of radiation received by any of the subjects was 130 millirads. The equivalent increase in the lifetime risk of fatal cancer it caused is 1 in 2,000. The normal lifetime risk of fatal cancers from all causes is 1 in 5. The lifetime risk of contracting some cancer, fatal or otherwise, is 1 in 3.
On Nellie Laid to Rest
By Daniel C. Stevenson

"I'll have to work somewhere — professors were once just like you," said Claude J. Poux, an administrator for the Undergraduate Research Opportunities Program, advising interested graduate students about getting involved in research. Poux spoke yesterday to 800 seminar attendees entitled UROP Exploration: How to, When to, Why to. Where to, Who to. Poux presented guidelines for finding a UROP (see chart) and discussed resume writing and UROP procedures.

UROP workers should physically visit their prospective UROP faculty advisor, Poux advised. "Don't call, just show up on their doorstep," he said. "I can't understand the impact you'll make on the faculty."

Poux counseled students to clip a snapshot of themselves to their resume so that the professor will have "the face to associate with the description. He also suggested that prospective researchers familiarize themselves with the professor's work through a study of published papers.

When applying for a UROP, think about "what might captivate them," Poux said. He encouraged students to have some sense of their interests before talking to faculty advisors. Credit, pay, or volunteer

Poux described the three kinds of UROPs available for students: credit, pay, and volunteer. Volunteer UROPs may not be a feasible option for first-year students, said Poux. To apply for a regular UROP, expect to work between eight and 15 hours a week, Poux noted.

Students who do not choose or want credit or pay UROPs can choose volunteer UROPs instead. Volunteer UROPs are encouraged for people who want to "get their feet wet" while still seeing the keynote speeches via video in addition to gathering information.

In addition, freshmen who want to have a summer UROP should have previous UROP experience, Poux noted. A volunteer UROP starting in February or March would be a "launching pad to a full sum-

mer UROP."

Of the 15 weeks available for summer UROPs, students are expected to work for 12 weeks, Poux said. In response to a question about summer housing costs, Poux acknowledged that "UROP does not pay for your housing," but inexpensive housing options are available, including renting rooms at fraternity houses and cooperative living group arrangements.

Resume guidelines

Several students at the seminar asked about the recommended con-tent of a resume. Poux advised keeping the resume down to a single page, but if "what you have to put down is really of substance" two pages can be used. Some tricks to fit more content on a single page are using 0.5 inch margins and 10 point text, but no smaller.

For high school activities, Poux suggested listing only those activities or achievements that were particularly outstanding or in which the student held one of the top two positions.

For students who are applying for UROPs in two diverse areas, Poux recommended preparing two different resumes, one geared to each area.

Feedback in the form of UROP evaluations is important, Poux said. "Basically we're interested in frank, honest, direct feedback about your experience." The evaluations are "99 percent confidential" according to Poux. The only time evaluations are used outside of the UROP program are for conflict resolution, and then only with the student's consent, Poux said.

Poux advised prospective researchers to visit their UROP office and submit their proposals as soon as possible, as the review of UROP proposals for the spring term begins on Jan. 14. For summer UROPs, the review process begins on April 1, and on Registration Day for the fall term.

If students have any questions, Poux encouraged them to visit the UROP office at 253-7306, or send electronic mail to urop@mit.edu.

---

On-Campus Resnet to Be Activated Next Tuesday

By Arif Husain

Resnet, the newest addition to MIT's growing electronic network, will go online next Tuesday. Students and faculty will be able to conduct many functions available online from their computers.

The ongoing project, started last summer, has already connected all of the off-campus independent living groups. Some off-campus residents have already demonstrated their ability to connect to the Internet in addition to gathering information.

Using Resnet, students who own Macin-
siders, UNIX, and DOS computers with appro-

Radiator College, and several foun-
dations. If there were a prototype to this conference, it would be a small odd with about 20 years ago. Radicello College, Klassen said. One hundred people attended the event.

"Because of the great amount of resnet planning and the high costs, the conference will be an annual event, Klassen said. Planning this conference has "taken up 14 months of my life," she said.

Klassen hopes another school will host the conference three years from now. A likely choice would be Spelman College in Atlanta, she said. Spelman college is for black women. Though it is still possible to reg-

ister for the conference, people should be aware that registration has ended. The cost is $80 for students and $100 for non-students. Klassen said. Interested people could contact the conference organizers and video recorders in designated over-

wireless network. In a further push to reduce some of the sur-

plus load on the Athen network, most of the computers supporting modem dial-in access will be converted to express systems. Express systems will be distributed among students who are not sure they want to have a summer UROP should have previous UROP experience, Poux noted. A volunteer UROP starting in February or March would be a "launching pad to a full sum-

mer UROP."

Of the 15 weeks available for summer UROPs, students are expected to work for 12 weeks, Poux said. In response to a question about summer housing costs, Poux acknowledged that "UROP does not pay for your housing," but inexpensive housing options are available, including renting rooms at fraternity houses and cooperative living group arrangements.

Resume guidelines

Several students at the seminar asked about the recommended con-
tent of a resume. Poux advised keeping the resume down to a single page, but if "what you have to put down is really of substance" two pages can be used. Some tricks to fit more content on a single page are using 0.5 inch margins and 10 point text, but no smaller.

For high school activities, Poux suggested listing only those activities or achievements which were particularly outstanding or in which the student held one of the top two positions.

For students who are applying for UROPs in two diverse areas, Poux recommended preparing two different resumes, one geared to each area.

Feedback in the form of UROP evaluations is important, Poux said. "Basically we're interested in frank, honest, direct feedback about your experience." The evaluations are "99 percent confidential" according to Poux. The only time evaluations are used outside of the UROP program are for conflict resolution, and then only with the student's consent, Poux said.

Poux advised prospective researchers to visit their UROP office and submit their proposals as soon as possible, as the review of UROP proposals for the spring term begins on Jan. 14. For summer UROPs, the review process begins on April 1, and on Registration Day for the fall term.

If students have any questions, Poux encouraged them to visit the UROP office at 253-7306, or send electronic mail to urop@mit.edu.

---

On-Campus Resnet to Be Activated Next Tuesday

By Arif Husain

Resnet, the newest addition to MIT's growing electronic network, will go online next Tuesday. Students and faculty will be able to conduct many functions available online from their computers.

The ongoing project, started last summer, has already connected all of the off-campus independent living groups. Some off-campus residents have already demonstrated their ability to connect to the Internet in addition to gathering information.

Using Resnet, students who own Macin-
siders, UNIX, and DOS computers with appro-

Radiator College, and several foun-
dations. If there were a prototype to this conference, it would be a small odd with about 20 years ago. Radicello College, Klassen said. One hundred people attended the event.

"Because of the great amount of resnet planning and the high costs, the conference will be an annual event, Klassen said. Planning this conference has "taken up 14 months of my life," she said.

Klassen hopes another school will host the conference three years from now. A likely choice would be Spelman College in Atlanta, she said. Spelman college is for black women. Though it is still possible to reg-

ister for the conference, people should be aware that registration has ended. The cost is $80 for students and $100 for non-students. Klassen said. Interested people could contact the conference organizers and video recorders in designated over-

wireless network. In a further push to reduce some of the sur-

plus load on the Athen network, most of the computers supporting modem dial-in access will be converted to express systems. Express systems will be distributed among students who are not sure they want to have a summer UROP should have previous UROP experience, Poux noted. A volunteer UROP starting in February or March would be a "launching pad to a full sum-

mer UROP."

Of the 15 weeks available for summer UROPs, students are expected to work for 12 weeks, Poux said. In response to a question about summer housing costs, Poux acknowledged that "UROP does not pay for your housing," but inexpensive housing options are available, including renting rooms at fraternity houses and cooperative living group arrangements.

Resume guidelines

Several students at the seminar asked about the recommended con-
tent of a resume. Poux advised keeping the resume down to a single page, but if "what you have to put down is really of substance" two pages can be used. Some tricks to fit more content on a single page are using 0.5 inch margins and 10 point text, but no smaller.

For high school activities, Poux suggested listing only those activities or achievements which were particularly outstanding or in which the student held one of the top two positions.

For students who are applying for UROPs in two diverse areas, Poux recommended preparing two different resumes, one geared to each area.

Feedback in the form of UROP evaluations is important, Poux said. "Basically we're interested in frank, honest, direct feedback about your experience." The evaluations are "99 percent confidential" according to Poux. The only time evaluations are used outside of the UROP program are for conflict resolution, and then only with the student's consent, Poux said.

Poux advised prospective researchers to visit their UROP office and submit their proposals as soon as possible, as the review of UROP proposals for the spring term begins on Jan. 14. For summer UROPs, the review process begins on April 1, and on Registration Day for the fall term.

If students have any questions, Poux encouraged them to visit the UROP office at 253-7306, or send electronic mail to urop@mit.edu.
I strongly skills in tennis, baseball, required.

I...

'4

this trip! Includes roundtrip motor-

...in walkmans, VCRs, cordless magnetic tape drive mechanisms camcorder, the compact disk, the behind Thomas A. Edison.

...and...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...in...i
One of the largest sperm banks in the United States is looking for donors. The goal of the Cambridge California Cryobank, Inc. is to provide high quality sperm for artificial insemination. Requirements include good health, between the ages of 19 to 34, and a 9 to 12 month commitment.

Call for more information: 497-8646

COMPLETE MEDICAL SCREENING (ALL COSTS PAID) AND YOU EARN UP TO $105/WEEK IF QUALIFIED

M.I.T. STUDENTS

ELECTION OF STUDENT MEMBERS TO

THE HARVARD COOPERATIVE SOCIETY

BOARD OF DIRECTORS

1994-1995

If you, as a Coop Member and a degree candidate at M.I.T., are interested in serving as a Director of The Harvard Cooperative Society for the next academic year, please contact the following:

If you are an Undergraduate Student, contact: Steve Lupecho, Chairman, U.A. Nominations Committee. Phone: 253-2696 Room W20-401

If you are a Graduate Student, contact: Chris Gillin at The Graduate Student Council Office. Phone: 253-2195 Room 50-220

Completed applications must be submitted by 5 PM, Friday, February 4, 1994.

For further information, simply contact:

The Coop President's Office

Harvard Square Store

499-2002

---

Relay, from Page 16

started off slowly, allowing his opponent to gain a lead of a few body lengths. On the second leg, Edgar Ngwenya '97, seemed to close the gap, but lost some time while passing the baton on to Patron.

When the Bates runner seemed to be in control of the race, Patton found a miraculous burst of speed, and passed him on the backstretch of his second, and last lap. Patton sped onwards, allowing the anchor, Dan Corcoran '94 to cruise along his leg, and finish with a comfortable margin of victory. The winning time was 3:36.07, five seconds ahead of the Bates team.

In terms of excitement, the best seemed to be saved for last, in the 3,200-meter relay. For this race, MIT went up against Bates and Westfield State with two teams. The first consisted of Duran, Rob Cassadonte '90, Seto, and Hardy. Durley, Dan Helgeman '97, Prent, and Crain made up the second team. The first MIT team started out in second place, but took the lead early in the second leg. The second MIT team, which seemed to start out far behind, surprisingly caught up, putting MIT's teams in first and second at the hand-off between the second and third legs. Neither team could hold its lead, though, as Westfield State came to the front during the third leg. Close to the final hand-off, while the first MIT team was falling behind, the second team started to pick up steam. Muters were left to Crain, the Engineer's top miler. With a separation of 50 meters, Crain ran a steady pace, slowly closing the gap. The strategy worked, as Crain passed his rival on the homestretch of the final lap winning with a time of 8:24.96 minutes, with a margin of victory of 0.80 seconds. Hardy brought a third place finish for MIT's first team.

The Beaver Relays served as a warmup for the more important events later in the season, according to coach Halston Taylor. He was pleased with the outcome. "There was a very competitive spirit, and a lot of team spirit," he said.

The team spirit was obvious during the final events. However, Taylor also added that while the performances were good, they will have to be better later in the season. Taylor and his team look to be competitive in NCAA Division III New England regional competition, and in the Quad Cap.

The next event for the men's track team will be Saturday, when it travels to Bates College for a dual meet. The next home meet will be Saturday, Jan. 21 with Bowdoin College, Colby College, Colby College, Westfield State, and Worcester State.

---

The Fine Print: Sale runs through January 31, 1994, on purchase of complete pair of eyeglasses. Not valid with any other discount or offer.
special invitation to MIT Students, Faculty, and Business Community

1994 course during IAP at the Massachusetts Institute of Technology
sponsored by the MIT Enterprise Forum of Cambridge, Inc.

STARTING AND RUNNING
A HIGH TECH COMPANY

Learn What it Takes to be a High Tech Entrepreneur!
Tue-Fri, Jan 18-21

- Speakers and examples from diverse technologies - computers and electronics, materials science, robotics, medical and biotech
- Practical advice from experienced entrepreneurs on: fund raising, finding good people, marketing and sales — and on dealing with the many pitfalls of new ventures
- Live presentations of a startup business plan, and of a company case study

Tue Insiders' Views of Starting a Company
Recognizing Opportunity and Running With It
1-4 PM in Edgerton Room 34-101, 50 Vassar Street

Nuts and Bolts of Preparing a Business Plan
6:30-8:30 PM in Room 6-120, 77 Mass Ave (*)

Wed Team Building and the Human Side
Plus Intellectual Property, 1-4 PM in Room 34-101

Thu High Tech Marketing and Sales
1-4 PM in Room 34-101, followed by reception

War Stories from Entrepreneurs
6:30-8:30 PM in Room 6-120 (*)

Fri Raising Money and Launching Your Company
Live Presentation and Analysis of a Startup Business Plan
1-4 PM in Room 34-101

MIT Enterprise Forum IAP Committee:
Ralph E. Grabowski '53
Matthew K. Haggerty '83
Karen Mathiasen GM '71
Peter A. Quigley '85
Bardwell C. Salmon '62
Dr. Barry Unger '69
(*) in conduction with the Fifth Annual MIT 10K Business Plan Competition

This course is FREE for MIT students/faculty/staff. Business community registration is $150 for the full, integrated four-day program. Scholarship aid, and a single-day ticket for $50 is available. Make checks payable to the MIT Enterprise Forum and send to 201 Vassar Street, Room W59-219, Cambridge MA, 02139. Call (617) 253-8240 for more information.
SPORTS

Men's track team shows all-around strength

By Dan Wang

The men's track team enjoyed quite a bit of success at the Beaver Relays, the team's first event of the year. Although team points were not tabulated, many of the team members captured individual victories at the Jan. 19 races against athletes from Bates College, Fitchburg State College, Stonehill College, and Westfield State College.

MIT runners had considerable success in the track events, winning all but two. In the opening race, the 3,000-meter run, Craig Sarney of Bates smashed his best time of the season, winning with a time of 8 minutes, 34.44 seconds. MIT's Alonzo '96 sped up in an early part of the race, in the front, helping set the blistering pace with Sarney.

Sarney could not keep up with Sar- ney, who pulled away with five laps to go. Seto was passed by teammate Joonie Darley '95, who crossed the line first, but Pat Sullivan of Bates smashed his best time of the season, edging out Dan Corco- nran '94.

In the 5,5-meter dash, high jump, and pole vault, the men's track team's first competition of the season, edging cut Dan Corco- nran '94.

Ed Patton '95 caused some excitement in the 800-meter run when he decided to attack at the beginning of the final lap. Patton's speed seemed to fade on the home- stretch, but he had already estab- lished enough of a lead to edge a competitor from Bates at the finish line. Patton's time of 2:03.15 was only 0.12 seconds better than his pursuit. Kimathi Hardy '97 headed the pack, finishing third, with a time of 2:05.63.

Strong in field events

In its six field events, the Engi- neers were able to attain at least a second-place finish in every one. In the 35-pound weight throw, John Wall- berg '96, the only MIT representa- tive to make the final field, fin- ished second, with a throw of 48 feet, two and a half inches. However, he was no match for Joe Welch, of Bates College, who won with a 54-foot seven-and-a-quarter-inch toss. Coming into the Beaver Relays, Welch was heavily favored to win, based on results earlier this season.

The shot put ended in the same finishing order, with Welch and Walberg finishing 1-2 again. This time, Welch put forth a beast 41 feet two-and-a-half inches, almost five feet behind the winner. Antonio Morales-Pena '97 added a fifth place finish.

The Engineers fared much better in the other field events. First, they dominated the high jump and pole vault. MIT captured the top four places in the pole vault, led by Robinson, who cleared a height of 14 feet. Robinson owns the MIT indoor track record for the event, with a 16 foot, 6 three-and-a-half inch jump last year.

In the high jump, MIT's winning effort was led by Andy Ugarov '95 and James Kilty '94, who finished 1-2, clearing heights of 6 feet, 3 inches and 6 feet, 1 inch, respective- ly. Hung Hoang '95 finished third with a jump of 5 feet, 11 inches. Hoang, though, won the long jump held later in the day. His 20 foot, 6 and-three-quarter-inch leap for victory was only one-and-a-half inches better than the second place finish. The next highest MIT placing was fifth, by Elliot Hui '95, who jumped exactly 20 feet.

In the triple jump, the final field event of the meet, Jason Desmarais of Fitchburg State captured first place. Marco Alexander '95 was the top MIT finisher, placing second with a jump of 41 feet, 6 and-a-half inches, losing by a little less than four inches. Hui, Ugarov, and Hoang showed their versatility in field events by finishing third through fifth.

Feldman wins 5,000 meter

The events at the meet proved to be the most exciting, with the help of a large cheering section of Engi- neers who had already completed their own events. The last individual event, the 5,000-meter run, only had three competitors, but still generated much team support and excitement. Josh Feldman '97, the top MIT runner in the event, stood out strongly, taking a lead which he would keep for the duration of the race.

Feldman's teammate, Saseyn Shahi G traded second place with Casey Connolly of Westfield State for most of the race. However, Shahi G seemed to tire late in the race, and Feldman pulled away with about seven laps to go. Feldman posted a time of 16 minutes, 39 seconds, winning by a little more than 50 seconds.

Both of the relays featured impressive come-from-behind victories for the Engineers. The next event, the 1,600-meter relay, con- sisted of only two teams, pitting MIT against Bates. MIT's Kirley Relay, Page 14

By Michelle Green

The women's basketball team traveled to the Coca Cola Classic hosted by Catholic University of America in Washington DC last weekend. After a valiant battle, Catholic broke the Bears' unbeaten streak 88-52 in the consolation final, after losing their opening game to Catholic University.

In the Engineer's first game, they lost to host Catholic after a valiant battle. Catholic broke the Bears' unbeaten streak 88-52 in the consolation final, after losing their opening game to Catholic University.

In the Engineer's first game, they lost to host Catholic after a valiant battle. Catholic broke the Bears' unbeaten streak 88-52 in the consolation final, after losing their opening game to Catholic University.

In the Engineer's first game, they lost to host Catholic after a valiant battle. Catholic broke the Bears' unbeaten streak 88-52 in the consolation final, after losing their opening game to Catholic University.