

APO to present McBay with Big Screw award

By Harold A. Stern

Dean for Student Affairs Shirley M. McBay will receive Alpha Phi Omega's Big Screw. She collected the most money of any official candidate (\$296.35).

She was, however, outshadowed by President Ronald Reagan's unofficial candidacy. The MIT community chose Reagan as the individual most deserving of the 2½-foot-long left-handed aluminum screw, giving \$407.25 in his name.

Reagan drew the most donations but will not receive the award this year, according to Roseanne Hennessey '85, coordinator of APO's annual contest.

The total amount of money collected was \$1034.34, which will be given to the Aid for Ethiopia fund, the charity chosen by McBay. "This is the first time in recent memory that Big Screw has broken a thousand," said Diana ben-Aaron '85, publicity chairman for the contest. The competition last year netted \$600.

An official candidate, according to ben-Aaron, is "someone who says APO may collect money in his name and he will accept the Big Screw if he raises the most money of official candidates." A candidate must have a connection with MIT in order to qualify.

ben-Aaron said that in the president's case, a connection might have been made through ROTC. As commander-in-chief of the armed forces, Reagan is technically the head of the corps.

APO called the White House Press Office to ask if the president wished to become a candidate, Hennessey said. The office informed APO that an answer would take at least four to six weeks to arrive. APO declared McBay the winner because they had not received the reply by spring break, Hennessey added.

Unofficial candidates have gathered the most money in the past, Hennessey said. "Usually McBay takes in a lot of money, but she has always refused to run."

In previous contests, McBay was a "disassociated person," which meant that APO was not allowed to collect money in her name. This year McBay "willingly accepted the candidacy," she continued.

ben-Aaron credited McBay for accepting the candidacy. "She deserves to be congratulated for running because everyone knows who she is and so she could raise more money than a professor who is known to at most a few hundred people."

Hennessey attributed the increase to a "real battle among the students" between supporters of Reagan and McBay. One individual donated \$50 in the president's name, she continued.

"The students who campaigned for Reagan really contributed to the success of the drive," ben-Aaron said. She hoped this would help banish the "Newsweek on Campus" perception that we are all Reagan supporters."

Anderson succeeds Maimone as IFC chairman

By Lisa Doh

The InterFraternity Conference (IFC) elected Tinley Anderson '86 as the new chairman in elections held on March 20.

Anderson, a resident of Phi Gamma Delta (Fiji), has already replaced last year's chairman, William T. Maimone '85 of Beta Theta Pi (BTP), and will conduct the next meeting.

The purpose of the IFC, Anderson believes, is to "serve the fraternity system by helping to promote relationships among the IFC members and MIT administration."

"Its main concern," he said, "is to guard the best interests of its members, whatever they may be at the time." Anderson hopes that he will be able to "help the IFC meet this purpose."

"I intend to successfully fulfill my responsibilities," he continued, "some of which involve coordinating the interaction of the various living groups, acting as spokesman of the executive committee, as well as functioning as the visible link between the IFC and the administration."

The IFC elected James M. Prusko '86 of Phi Sigma Kappa as vice-chairman, George Zachary '87 of Fiji as treasurer and Kevin G. O'Connor '87 of Zeta Psi as secretary.

The council also selected Linda E. Muri '85 of pika as judicial committee chairman, Kenneth S. Koblan '86 of Fiji as rush chairman, Matthew W. Turner '88 of Delta Tau Delta (DTD) as program chairman and Mintoo Bhandari '87 of DTD as commu-



Tech photo by Stephen P. Berczuk

The Big Screw booth in Lobby 10, where the MIT community elected Dean for Student Affairs Shirley M. McBay the official victor in this year's contest.

Admissions plans Campus Preview

By Brian Hou

Campus Preview, an orientation program for women students admitted to the Class of '89, will take place April 8-10. It will provide workshops, tours of facilities, and a question-and-answer session, according to Marilee Jones, assistant director of admissions.

"The purpose of this event is to expose admitted women to the MIT community and to give them a feeling of what it is like to be at MIT," Jones said. She has been

organizing the event with Lora Silverman '85, an intern in the Admissions Office.

The program will showcase athletic facilities, UROP opportunities and the Space Systems Laboratory. Several workshops will be repeated throughout the day so the women can attend most of them, Jones continued.

In addition, a question-and-answer session will enable the women to ask students about life at MIT.

This program is similar to last year's Women's Weekend, a program which was very successful, Jones said. Of the 165 women who attended the event last year, 123 enrolled.

Jones said the only problem last year was that MIT held the event on a weekend. Some women complained that they were unable to attend classes to get a real feel for MIT. "Therefore, this year we decided to have it on weekdays," she said.

"We will encourage the participants to attend classes with their hosts, especially freshmen classes," she added.

The highlight of Campus Preview will be a free showing of "Splash," followed by an ice cream orgy Tuesday night in Room 10-250, Jones said. The Class of 1988 will sponsor the ice cream orgy because "they can provide the best description of how they adjust to MIT in their first year," she explained.

One hundred eighty women students have expressed interest in hosting the visitors, she said.

Students can also help by serving ice cream, providing transportation from Logan Airport to campus, volunteering in the question-and-answer session, and talking to the women, Jones said.

Jones encourages male students to participate. "Although this is a women's event, men are involved in every phase of planning and helping except hosting the participants," she said.

Faculty members awaiting tenure decisions

By Lauren Seeley

Feature

Senior faculty members at MIT are now judging the merits of many of their junior colleagues. By June 30, they will

have decided if those colleagues will receive tenure or if they must look for work elsewhere.

The outcome of these tenure cases affects students at MIT, but many students are ignorant about the purpose of tenure and how it works.

Tenure serves two major functions. The first is to guarantee freedom in teaching, research and extramural activities. The secondary purpose, according to the American Association of University Professors (AAUP), is to

provide sufficient economic security for the teaching profession to attract qualified people.

In practice this means that MIT cannot dismiss faculty members for their political views, according to Vice President Constantine B. Simonides. But MIT can dismiss a tenured professor for "gross misconduct, criminal acts, or serious disregard of duties," according to the MIT promotion and tenure policy.

Simonides was unsure whether
(Please turn to page 2)

CEP approves physics option

By Mathews M. Cherian

The Committee on Educational Policy and the Committee on Curricula have approved an electrical engineering option for the Department of Physics, according to Alan J. Lazarus '53, academic officer of undergraduate physics.

The physics department has labelled the program VIII-A. It offers the new option in cooperation with the Department of Electrical Engineering and Computer Science (EECS).

The committees approved the program on an experimental basis, Lazarus said. They will re-evaluate the program after two or three years to see whether or not

it is successful.

Students who complete the VIII-A program will receive the degree of Bachelor of Science in Physics and a letter from both the physics and EECS departments that certify successful completion of the program.

The VIII-A program can be completed within the normal 360 units required for the S. B. degree, Lazarus said. The degree will require five subjects in addition to the subjects in the regular physics program: Structure and Interpretation of Computer Programs (6.001), Circuits and Electronics (6.002), Signals and Systems (6.003), Electronic Devices
(Please turn to page 2)



Tech photo by James F. Butler

Jacques Cousteau expresses his enjoyment while being entertained by the Chorallaries. Cousteau spoke Friday, March 22 in 26-100. LSC sponsored the lecture.

Tenure: only the outstanding jump the hurdles

(Continued from page 1)

MIT has ever dismissed a tenured professor. Harvard University recently fired a professor for harassment of a female student.

Tenure is "indispensable to the success of an institution in fulfilling its obligations to its students and to society," according to the AAUP.

Like other schools, MIT cannot keep faculty indefinitely without tenure. Before junior faculty members have served seven years or reached age 35, whichever comes later, MIT must make a tenure decision.

The decision rests most heavily on the judgment by a candidate's peers, but each tenure case must pass five "hurdles" before final approval, Simonides said.

The first and most important hurdle is approval by the department. Three or four senior faculty members ask national and international experts in the field to judge the candidate's work in addition to judging the work themselves.

Although the department considers teaching skills and public service, "scholarship is by far the most important quality and the easiest to measure," Simonides said.

The department measures teaching ability in part by the number of thesis students a can-

didate works with, and occasionally through solicited student recommendations. This is the sole student input in a tenure case.

If the department recommends the candidate for tenure, the case must still meet four other requirements, ensuring that the candidate's qualifications meet with Institute standards. A tenure case is rarely rejected after the department has approved it, Simonides said.

The four remaining criteria involve approval by the following committees: the School Council, made up of the dean of the school and department heads; the Academic Council, made up of deans of schools and the provost; the president; and finally the Executive Committee of the Corporation, which legally confers tenure.

Tenure policy at MIT does not differ significantly from policies at other schools around the country. However, one distinguishing feature is the emphasis MIT places on tenuring only outstanding people in the field. As Professor Michael Artin of the Department of Mathematics put it, the peer review letters for a candidate have to be "raving."

Professor Alvin Kibel, head of the Department of Literature, said that to get tenure a person

must have a "national, or even international, reputation in the field and have made a major contribution."

Simonides stressed that candidates for tenure must not only be excellent in their fields now, but must also show promise that they will "continue to grow" and continue to contribute to the field.

Tenure policy has remained more or less unchanged since its beginnings at MIT in the 1940s.

Tenure is an agreement to keep professors until age 70, at which time they may be released. However, a recently passed state law makes it illegal to require anyone to retire solely on the basis of age.

The law makes an exception for tenured faculty at private universities, thereby allowing MIT to continue to retire tenured professors at age 70. Nevertheless, the MIT administration, spurred

on by this state law, is planning an Institute-wide discussion of tenure policy for the fall of 1985.

The goal of this discussion, as stated at a Feb. 7 meeting of the faculty-administration committee and department heads, is to create a tenure policy that is "responsive to the times and to individual as well as institutional interests." In the meantime, tenure policy at MIT will remain unaltered.

Physics announces EECS option

(Continued from page 1)

and Circuits (6.012) and Electromagnetism II (8.07).

Students will use all but nine of their elective units to complete the program without exceeding 360 units, Lazarus said.

Students can sign up for the program anytime. "You don't have to embark on a program," Lazarus said. "You won't lose anything if you change your mind." The VIII-A program is simply a "structured way to spend elective units," Lazarus continued. "There is no obligation."

The program suits experimental physics majors particularly well, in addition to students who plan to enter industry, according to Lazarus.

He hopes the program will attract students who have a basic interest in physics but tend not to major in the department because they feel the field offers fewer employment opportunities.

President Paul E. Gray '54 conducted a symposium last year on EECS overcrowding. Several students at that symposium said they would have majored in physics if they had thought jobs were available for graduates with a S. B. in physics, according to Lazarus. These comments played a major role in the creation of the VIII-A program.

The VIII-A program will "assure students who are interested in physics that they won't be tak-

ing an economic penalty," Lazarus said. "I guess part of it is to assure their parents also."

But Lazarus pointed out that the fear that physics majors have few job opportunities is completely unfounded. A survey of the Class of 1984 revealed that the median salary of a graduate with an S. B. in physics is equivalent to that of a graduate with an S. B. in electrical engineering.

As long as doubts about physics exist, though, the VIII-A program will reduce barriers for anyone who feels they might be interested in that field. "It will allow them to float between departments to get a feel of what they're like," Lazarus said.

NEW ENGLAND 51 YRS TRADITION

Starting at \$17.50

COWBOY SHIRTS

LEVI WRANGLER H BAR C DEE CEE

Walker's can fit you TALL guys too!

Walker's

Riding Apparel, 292 Boylston St., Boston

Unwanted, repetitive thoughts or behaviors?

(Obsessive-Compulsive Disorder)

Harvard Medical School research project offers free evaluation and possibly treatment with a new, investigational drug not yet available on the market. (only males and females without childbearing potential may be considered at this time)

Call Dr. White, 855-2300

FIRST LUTHERAN CHURCH

HOLY WEEK

Mundy Thursday 11am & 7:30 pm
Good Friday 12 noon & 7:30 pm

EASTER SUNDAY

6:30 am Sunrise Service
7:30 am Breakfast
8:30 am Holy Communion
9:45 am Movie: *Easter*
11:00 am Festival Communion Service

THE FIRST LUTHERAN CHURCH IN BOSTON
1287 Marlborough St. at Marlborough
536-8851

Admission	Free	Public
Children	Free	Public
Students	Free	Public
Adults	Free	Public

Telephone: 536-8851



EVEN BEFORE COMMENCEMENT, YOU COULD BEGIN USING THE AMERICAN EXPRESS CARD.

As soon as you get a job, you could get the American Express® Card. If you're a senior, all you need is to accept a \$10,000 career-oriented job. That's it. No strings. No gimmicks. (And even if you don't have a job right now, don't worry. This offer is still good up to 12 months after you graduate.) Why is American Express making it easier for you to get the Card right now? Well, simply stated, we believe in your future. And as you go up the ladder, we can help—in a lot of ways.

The Card can help you begin to establish your credit history. And, for business, the Card is invaluable for travel and restaurants. As well as shopping for yourself. Of course, the American Express Card is recognized around the world. So you are too. So call 1-800-528-4800 and ask to have a Special Student Application sent to you. Or look for one on campus. **The American Express Card. Don't leave school without it.™**



news roundup

World

Duarte's party claims victory — El Salvadorean President Jose Napoleon Duarte has claimed that his Christian Democratic Party achieved an upset victory in national elections held this weekend. According to a poll by the Spanish International Television Network, Duarte's party should win a majority of seats in the National Assembly. The poll has accurately predicted the outcomes of previous elections in El Salvador. Conservative rivals have refused to comment on the election predictions.

Nakasone promises to alleviate US-Japanese trade tensions — Japanese Prime Minister Yasuhiro Nakasone has promised that he will use all his power to prevent a trade crisis with the United States. A US official warned Nakasone that the Senate might pass retaliatory trade legislation against Japanese imports by the end of this week. Afterwards, Nakasone said he will urge Japan to support new market-opening policies in a statement to be given on April 9.

Kremlin dismisses two officials — Two Communist party officials were removed in a program to eliminate governmental corruption and inefficiency. New party leader Mikhail Gorbachev instigated the program. According to *Pravda*, one local party chief in the Ukraine was dismissed for abuse of authority, and another official in the Kazakjstan Republic was "transferred to another post."

Air attacks continue between Iran, Iraq — Both Iran and Iraq launched aerial attacks on each other's capitals during the weekend. Iran fired two missiles at Baghdad. Iraq then retaliated by bombing Tehran and five other Iranian cities. These attacks are the most recent episodes in the four and a half year war between the two nations.

Nation

Education Chief claims aid cuts will not reduce enrollment — William J. Bennett, Secretary of Education, said that proposed Federal student financial aid cuts will not result in fewer students going to college. However, he did indicate some students might have to seek alternative education. He said some students will need to move "from more expensive institutions to less expensive institutions . . . Don't assume that public institutions are less good than private institutions."

Prisoners threaten Goetz — Bernhard Goetz's lawyer said that prisoners have threatened to "teach him a lesson" if he is jailed for his subway shootings. Prisoners at Manhattan Central Booking, where Goetz is currently being held, warned him, "You can't shoot one of our brothers and get away with it."

AT&T to challenge IBM — AT&T will enter the personal computer race by introducing its Unix PC. The IBM PC and its operating system, adopted by many computer companies as a standard, faces its most difficult challenge yet. AT&T plans to make its Unix the new standard for personal computing.

Hospital chain and supplier to merge — The Hospital Corporation of America, the largest hospital management chain in America, and the American Hospital Supply Corporation, the largest hospital supplier, have announced plans to merge. The combined corporations would have a market value of \$6.6 billion, making the merger one of the largest ever outside the oil industry.

Oldest animal remains found in Idaho — 15-million year old teeth from a prehistoric elephant were discovered last week in a ranch in Idaho. These fossils are the oldest ever found in North America. The species is believed to have migrated from Asia approximately 15 million years ago.

Local

Police to observe escort services — Boston Police has announced plans to more closely study the increasing number of escort services in the Boston area. The new scrutiny was prompted by the arrest of a Weston woman accused of running a \$5000 a day telephone prostitution ring under the guise of an escort service.

Sports

Villanova victorious in NCAA championship, 66-64 — The Villanova Wildcats avenged their two regular-season losses to Georgetown yesterday, as they miraculously upset the Hoyas in the all-Big East final, 66-64. Villanova demolished the NCAA record for accuracy in a championship game, as they shot an unheard of 79 percent from the floor. The previous record was only 60 percent. Georgetown, led by Olympic gold medalist Patrick Ewing, was trying to become the first team in 12 years to repeat as NCAA champions. Villanova, who entered the tournament as a 40-1 longshot, tied the record for most losses by a championship team with 10.

Weather

Fair to poor — The weather should be fair Wednesday, with showers returning on Thursday. Temperatures should range from 30 to 40 on Wednesday and from 40 to 50 on Thursday.

Edward E. Whang

Film Study and Social Anthropology

England, France, Hungary, Yugoslavia, Austria, India, Indonesia, Australia, and Japan

September 1985 - May 1986

Faculty includes a film theorist, a filmmaker, two anthropologists and guest film directors on location. Students will live with families and carry a full course load as they study and travel around the world.

The International Honors Program seeks mature motivated candidates. Applications are presently being considered. For further information call Joan Tiffany collect at (617) 267-8612.

International Honors Program
19 Braddock Park
Boston, MA 02116

The National Bureau of Standards, Department of Commerce has one of the world's largest laboratories for research in

ROBOTICS

There are currently senior positions available at grades 13, 14 and 15 in Computer Science, Electronics Engineering, and Mechanical Engineering. Salaries are competitive and based on professional experience and accomplishments. (\$37,599 - \$67,940)

These positions are part of the NBS team working to implement intelligent and flexible robots for a wide variety of applications. Some specific tasks are:

- design of new sensor systems
- sensory processing systems
- world modeling databases
- world model interpretation
- robot manipulators
- robotic assembly
- CAD directed assembly
- real-time control systems
- artificial intelligence algorithms for robotics
- robot programming languages
- robot simulation including real-time graphics
- specific robot applications including: military, manufacturing, construction, and space
- robot performance enhancement
- robot standards

Our program in robotics already has had significant impact on the U.S. application of robots. We have the best equipment for research in robotics, including a full scale experimental factory dedicated to research in industrial automation. If you would like to be part of this major effort to help revitalize U.S. industry, please contact Dr. Leonard S. Haynes for technical information at this number 301-921-2381 or send a comprehensive resume to:

Rosemary Hormuth
Room A-123, Admin. Bldg.
National Bureau of Standards
Gaithersburg, MD 20899
(301) 921-3711

U.S. Citizenship is required.
The National Bureau of Standards is an
Equal Employment/Affirmative Action Employer.

The Department of Materials Science and Engineering

ANNUAL OPEN HOUSE

for Freshmen and Undesignated Sophomores

APRIL 2, 3, 4, 1985

TUESDAY, APRIL 2
12:00-1:00, Room 8-314
Professor Harry C. Gatos
"The Electronic Materials Revolution"

WEDNESDAY, APRIL 3
12:00-1:00, Room 8-314
Professor John B. Vander Sande
"Revolutionizing Metallurgy through Rapid Solidification Processing"

THURSDAY, APRIL 4
12:00-1:00, Room 8-314
Professor Donald R. Uhlmann
"High-Tech Polymers: The New Wave"

Lunches and soft drinks will be provided by the Department. Informal discussions with faculty and students, plus the above short presentations.

COME JOIN US!

New! CHARTERS

FROM BOSTON TO PARIS

\$242-\$272 Each Way

via AIR CHARTER — Boeing 747
Subsidiary of AIR FRANCE
Sunday departures — June 23-September 15, 1985

MIX 'N MATCH
with our New York Departures
To Paris & Nice

OPTIONAL LAND ARRANGEMENTS
Paris • Monaco • Fly/Drive France

*Based on round-trip. For one-way fares add \$20.
Prices include \$3 U.S. departure tax.

For complete information call your Travel Agent or Jet Vacations Inc. (800) 223-5450. In New York State (800) 442-7018.

Jet Vacations

opinion

Column/Thomas T. Huang

The river runs through the center of the city

A river runs through Tampa. The waterway threads the city, silt-brown beneath palm trees and glass towers. It mirrors the sun in patches of kaleidoscope light. Close your eyes.

Your hands shade your face and frame the opposite shore. Before you, the trees swing with partners, skinny, tall, awkward, in the wind. Office buildings stand behind you. The people inside toil over the city's paperwork.

Yesterday at lunchtime, hundreds of office workers came out to eat. They left the glassware buildings and filled the quiet of the street. The city shops sold pastrami sandwiches, fish and chips, and frozen yogurt. But some people just sipped diet soda they brought along. Jackets off, they rolled up their white sleeves and let the sun darken their skin.

The men and women wore very neat suits and shoes. They stayed just outside the shadows of their buildings to watch each other. Their eyes hid behind mirrored sunglasses. Nobody approached the river.

Steel-framed drawbridges lie hunched over the water. Sometimes they allow the passage of small ships from the Gulf. One bridge yawns and slowly opens. Its underside is decorated with

the spray-paint of some fraternity at the nearby university.

Today you cross the river as cars whir against the grating of the bridge-floor. A sign on the other side marks the university. Maybe you belong.

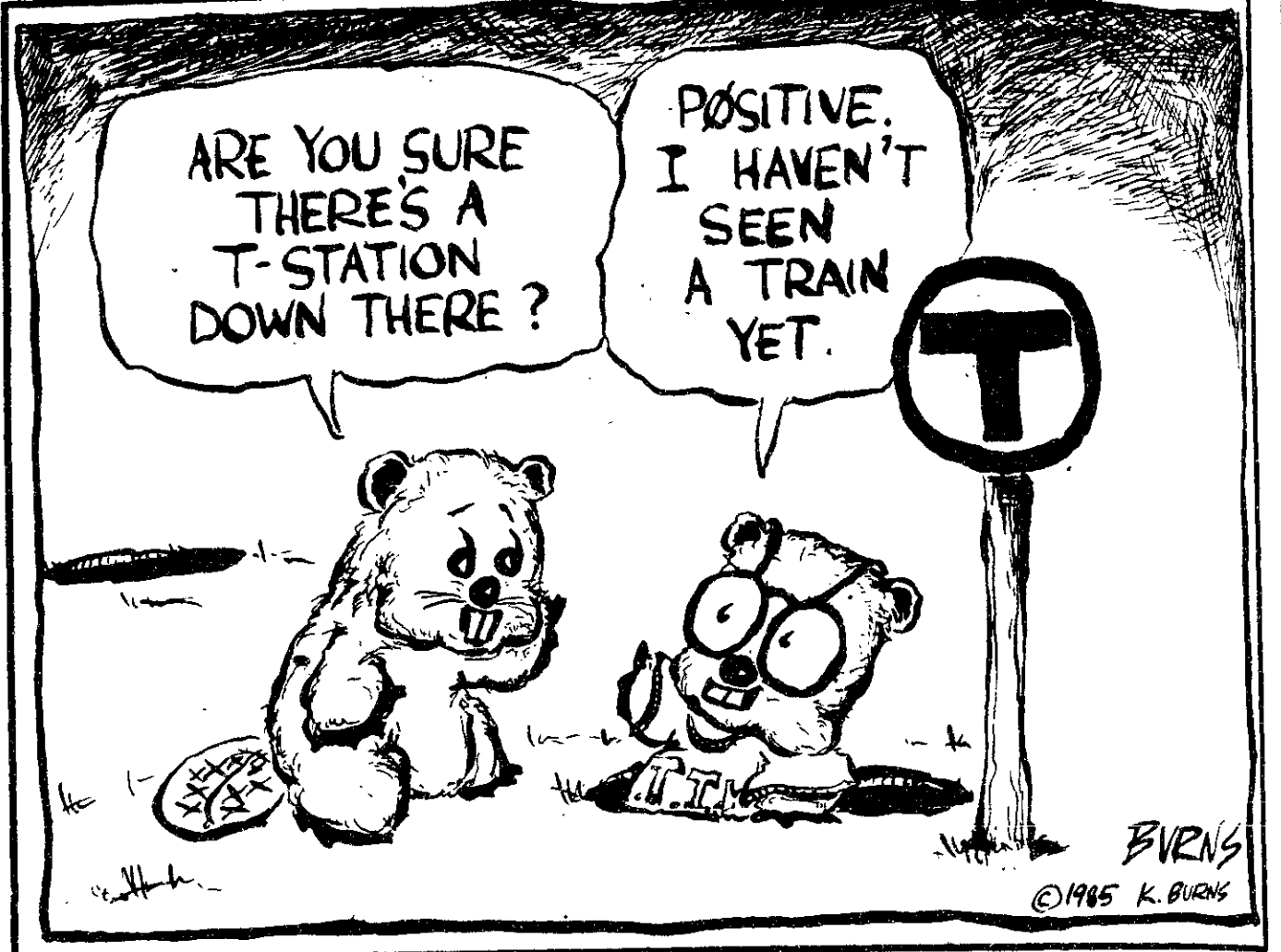
The boys and girls stroll arm-in-arm, wearing Adidas shorts to display trim, muscled legs. They run in their Nikes and eat Sicilian pizza from cardboard boxes. *C'mon, we're going to the beach at Clearwater. Check your pretty face in the rearview mirror.* They swim in their Speedos. Everyone is brown from the Florida sun. They don't cross the bridge.

By the river, the air is cold. That's why you're there: spring vacation brings hot weather, you've got to get away. The breeze carries like a baby the smell of the sea to your nostrils.

Tomorrow you will walk on the riverfront. There you will meet a black man with a prunewrinkled face who sits on a picnic table. Wearing a faded bandanna and carrying a Maas Brothers shopping bag, he will beg for a quarter. He will haggle with a shadow and trade a diet soda can for a cardboard carton.

Money warms you like the sun, don't it?

A river runs through the heart of the city. It cuts, but nobody notices.



Column/Andrew Bein

Amherst Alley: improvements, but maybe not worth the price

Every time I walked past the ruins of Amherst Alley since September, I grew more and more disgusted over the annoying and seemingly unnecessary construction project. It appeared to be an exercise in wasted money, time, and effort.

Rumors about the project accompanied the rubble: *the road is going to be torn up again to replace the potholes in the new covering . . . the landscaping will include a path that uselessly zigzags through shrubs . . . there will be no landscaping at all, just a parking lot for the frats . . .*

Students didn't know the answers: What about the workers who just seem to be standing around, for hours on end? Are they actually doing something? Who's paying for it all? Why is this all happening in the first place?

Maybe MIT would have seen fit to publish a newsletter explaining the plans and decision-making process for the design.

The project was in shambles as early as last fall, when the construction, scheduled for completion by October, was clearly far from done. More problems arose.

The project was to improve the

safety for Baker House residents. Their front door opened onto the busy street. But no one in Baker House or any of the West Campus residences had been injured because of the street's location. As construction tore up the street, ripped up the grass, and uprooted trees, injuries began to roll in. How could this be justified?

Then came the question of which direction the one-way section of the Alley should run. Most people involved wanted it to run west to east, as logic would dictate. But the Cambridge Fire Department did not. The final decision has resulted in an incredible number of cars that take the one-way sign at face value and rocket down the street the wrong way.

But there is another side to the story. Unfortunately students have not been aware of this. I looked into the rumors. I spoke to Harry P. Portnoy, campus architect, and Robert O. Simha, director of the MIT Planning Office.

It would have taken much to convince me that their intentions were good. But the planners and architect in charge of the project, approved after twenty years of

consideration, did convince me that they have tried their best throughout.

The project ran into funding problems early on. Then, once work started, workers found unexpected utility pipes under the roadway. The cold weather began to plague the work. Meanwhile the area was continuously in use, further slowing the contractor.

The company had never planned a zigzag path through the shrubs and sitting areas of the new Alley. The contractor will soon repair and sheath the road in an asphalt coating, impossible to apply in winter.

The chosen direction of the alley was more than a fire department whim. It would have been a hazard otherwise, since every police patrol and fire unit that serves the West Campus must arrive from the east. But why a one-way at all?

Portnoy said the changes were made to improve the environment and to increase the safety for pedestrians along the alley. These goals are certainly worthwhile. But there are tradeoffs.

It's too bad that setbacks in construction and failures in communication have marred the execution of these ideas.

The Tech

Volume 105, Number 14 Tuesday, April 2, 1985

Chairman Ellen L. Spero '86
Editor in Chief..... Thomas T. Huang '86
Managing Editor..... Andrew S. Gerber '87
Business Manager..... Robert W. O'Rourke '85
Executive Editor..... Martin Dickau '85

News Editors Harold A. Stern '87
 Craig A. Jungwirth '88

Night Editors Carl A. LaCombe '86
 Eric N. Starkman '87
 Mark W. Eichin '88

Photography Editors Steven H. Wheatman '86
 Sidhu Banerjee '87

Arts Editor Jonathan E. D. Richmond G

Advertising Manager Michael J. Kardos '86

Contributing Editors Scott I. Chase '85
 Simson L. Garfinkel '85
 Robert E. Malchman '85
 P. Paul Hsu '86
 Andrew Bein '87
 V. Michael Bove G

Senior Editors Diana ben-Aaron '85
 Paul G. Gabuzda '85
 Matthew W. Giamporcaro '85
 Ronald E. Becker '87

Production Manager Scott I. Chase '85

Indexing Project Representative A. David Boccuti '79

OPINION STAFF

Columnists: Joseph L. Shipman '82, Scott Saleska '86, Eric Berman '88, Adam B. Rosen '88, Kimberly B. Sklar '88, Ken Meltsner G, Joseph J. Romm G.

PHOTOGRAPHY STAFF

Associate Photo Editor: Sherry K. Lee '87; **Staff:** Jim Butler '85, Dan Dobryn '85, Touissant L. Myricks '85, David A. Chanan '86, Dennis Cuy '86, H. Todd Fujinaka '86, Elliott F. Williams '86, Henry M. Wu '86, Stephen P. Berczuk '87, Maurice Seko '87, Bill Flowers '88, Mike Frey '88, Michael W. Halle '88, Shari L. Jackson '88, Bill Johnson '88, Frank Modica '88, Stephen A. Brobst G, Ricky Marshall G, Robert Winters G; **Darkroom Manager:** Sidhu Banerjee '87.

SPORTS STAFF

Associate Sports Editor: Paul Paternoster '88; **Staff:** Chris Kelley '85, Arthur Lee '85, Victor J. Diniak '86, Christopher Y. Kim '86, Janice Marchiava '88.

PRODUCTION STAFF FOR THIS ISSUE

Night Editor: Carl A. LaCombe '86
Associate Night Editor: Elsa Chen '88
Staff: Bill Coderre '85, Simson L. Garfinkel '85, Katie Schwarz '86, Steven H. Wheatman '86, Stephen P. Berczuk '87, Eric N. Starkman '87, Michael F. Tuchman '88.

The Tech (ISSN 0148-9607) is published Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and alternate Tuesdays during the summer for \$13.00 per year Third Class by The Tech, 84 Massachusetts Ave. Room W20-483, Cambridge, MA 02139. Third Class postage paid at Boston, MA. Non-Profit Org. Permit No. 59720. POSTMASTER: Please send all address changes to our mailing address: The Tech, PO Box 29, MIT Branch, Cambridge, MA 02139. Telephone: (617) 253-1541. Advertising, subscription, and typesetting rates available. Entire contents © 1985 The Tech. Printed by Charles River Publishing, Inc.

feedback

Faculty meeting approves new commission

To the Editor:

We feel that *The Tech* presented an incomplete picture of the Wednesday, March 20 faculty meeting in its March 22 issue. Some significant facts which were omitted are as follows. The meet-

ing was unusually well attended; about 50 students and 100 faculty and administration members were present. As *The Tech* indicated, the major issue was the proposal by Professor Vera Kistiakowsky to form a commission

of faculty to study the effects of increasing military funding on MIT activities.

Professors James Meltcher (EE) and Bernard Feld (Physics) made prepared statements in addition to those by Leo Marx (STS) and Judith Kildow (OE) who were mentioned in *The Tech*. Each spoke from a different perspective about the relevance and importance of such a study at this time.

Robin Wagner G spoke for a broad coalition of student groups and individuals including representatives of the Faculty Committee on Educational Policy, the Graduate Student Council, MIT Student Pugwash, the Disarmament Study Group, the Student Ad-Hoc Committee on Curricula, the Hunger Action Group, the Science, Technology and Society Student Group, and the Undergraduate Association President and Vice President. Wagner pre-

Supercomputer will only use four DEC VAX 8600s by 1987

To the Editor:

I write to correct one major inaccuracy appearing in *The Tech*, March 19, Page 1, in the story "NSF to provide funds for DEC supercomputer."

The Consortium for Scientific Computing, of which MIT is a member, will initially install as its principle computational resource a Cyber 205 manufactured by Control Data Corporation. Early in 1987, the Cyber 205 will be replaced by an ETA-10 manufactured by ETA Systems. This latter machine will have a

computational capability of approximately 8000 times that of the VAX 11/780 minicomputer.

Communications and file processing tasks for the supercomputer will be handled by a cluster of four VAX 8600s with 40 gigabytes of disk storage and high speed (typically 1.5 million bits per second) communication line to the member university campuses.

James D. Bruce '60
 Professor of
 Electrical Engineering
 Director of Information Systems

(Please turn to page 5)

opinion

feedback

Credit those who band together

To the Editor:

As a Black African student at MIT, I feel that Mr. Simson L. Garfinkel's article of March 22, 1985, should not pass without comment. It has become common knowledge that he has turned the opinion columns of *The Tech* into a forum for the propagation of sentiments some may consider racist. Many will agree with me that his articles of late, by and large, have been that of skewed objectivity and are fundamentally destitute of rationality.

Garfinkel states explicitly that the on-going tragedy in certain parts of Africa dwindles to insignificance in the face of the prospect of nuclear annihilation and should be treated as such. He feels that the threat of a nuclear strike on the United States by the Soviet Union necessitates that wealthy Americans turn a corked ear to the yells for rescue from the abyss of hunger and death by the "poor starving blacks in Africa" and begin to "think about issues like arms control and civil defense." While I agree that these issues are of cardinal importance, it seems perfectly clear that Mr. Garfinkel lives under a shroud of paranoia and has allowed himself to drift like a helium-filled balloon in static air.

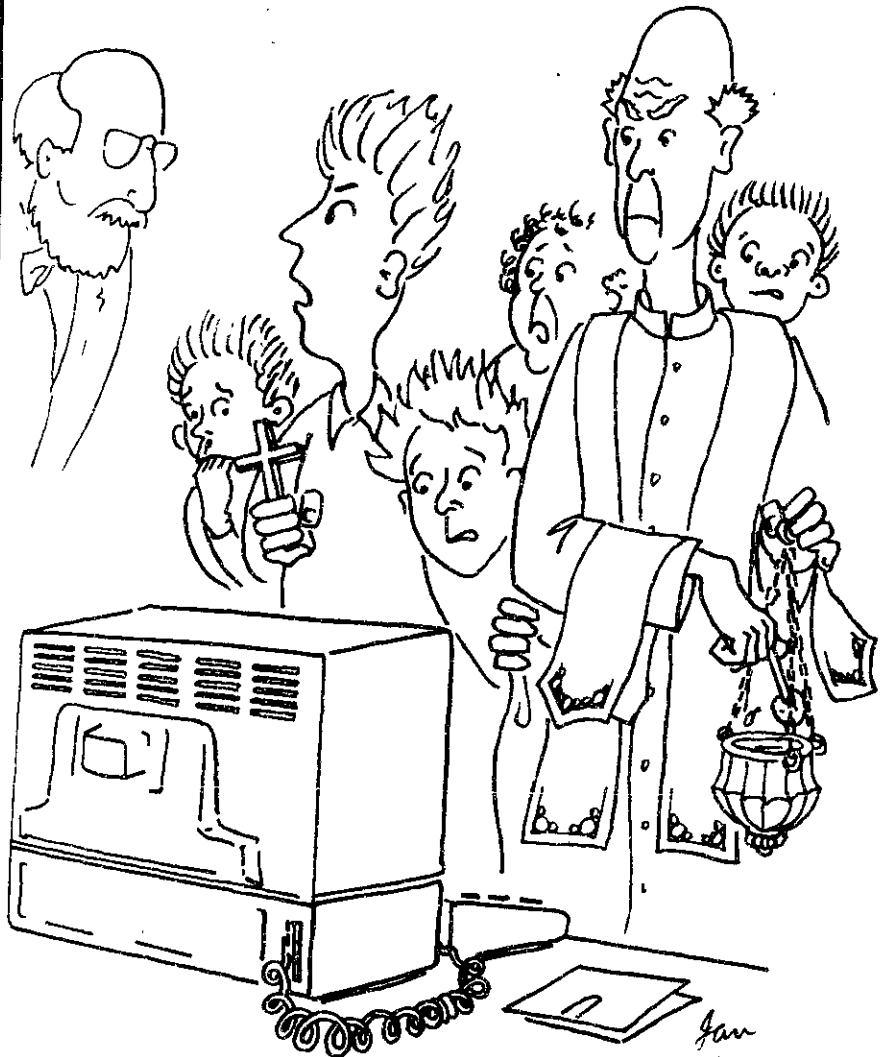
"What difference does it make if ten thousand or ten million Africans die of starvation in 1985 if our planet is destroyed by nuclear hellfire in 1990?"... "Before we can save the children, we must save the world." Garfinkel is probably ignorant of an ancient saying: charity begins at home. How does he expect to save the world when he cannot save even the children? If Garfinkel made any attempts at rational thinking before he put pen to paper, I must say he failed hopelessly.

In a world as cacophonous as the one Garfinkel and I happen to live in, it becomes a singular achievement when any two bodies agree on any issue at all, let alone people assembling themselves under one roof to incorporate their talents and concertedly fight for a decent moral cause. This is precisely what the popular musicians in the United Kingdom and the United States did when they produced songs to raise funds to ease human suffering in Ethiopia, and if Garfinkel does not see it fit to give them a pat on the shoulder, he should not vent his spleen on them. While I am in no position to make an assessment of individual motives, I think they have made a giant leap toward saving humans from ultimate disaster and have thus chalked a brilliant victory where

powerful governments have faltered. It is Garfinkel's opinion that by so doing, these artists have obscured from Americans what he calls more pressing issues — arms reduction talks in Geneva. What an abhorrent product of a human mind!

To Mr. Garfinkel, I must point out that the people he calls "poor starving blacks in Africa" and "another case of the Whiteman's Burden" are human beings with feelings identical to his own. They have the same capacity to yell out when in pain, and to giggle when affectionately tickled. A disaster is a disaster, be it Adolf Hitler smashing Jews, the Japanese slaughtering Americans at Pearl Harbor, or Americans dropping bombs on Japan, and it invariably draws concern from all

(Please turn to page 6)



"It was more than just a bug in the system."

Commission will investigate increasing military funding

(Continued from page 4)

sented a petition signed by 283 students who strongly supported the formation of this commission, and called for student membership on the commission and a role in defining the commission's charge.

An active discussion followed. Associate Professor Emma Rothschild (STS) commented that the Commission would need to generate new data since many important statistics relating to the influence of the military have not been collected since the Vietnam War. For example, it is not known what percentage of engineers and scientists in various fields are employed in military projects.

She also requested that the commission document the amount of on-campus research funding that comes from military sources by department. Professor James Kirley, Jr. (EE) suggested that the commission include "a few card carrying members of the military-industrial complex." No one spoke in opposition to the proposal.

Professor Art Smith, the Chairman of the Faculty, agreed to form the commission without a vote, and asked for faculty volunteers and recommendations of members to serve on the commission. Nominations for graduate and undergraduate participants

will be accepted by the GSC and UA. The number of students will be determined after the faculty are chosen.

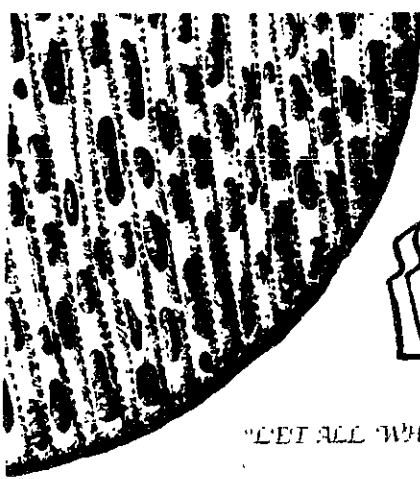
Erik Devereux '85
Robin Wagner G
Adrian Nye

TECH CATHOLIC COMMUNITY HOLY WEEK SERVICES

Holy Thursday Liturgy, April 4, 8:00pm
Good Friday Service, April 5, 3:00pm
Easter Vigil, Saturday, April 6, 11:30pm
Easter Sunday Masses, April 7, 9:00am & 12 noon

"Christ has died,
Christ is risen,
Christ will come again!"

All services in the MIT Chapel



PROJECT MAZON

"LET ALL WHO ARE HUNGRY COME AND EAT"

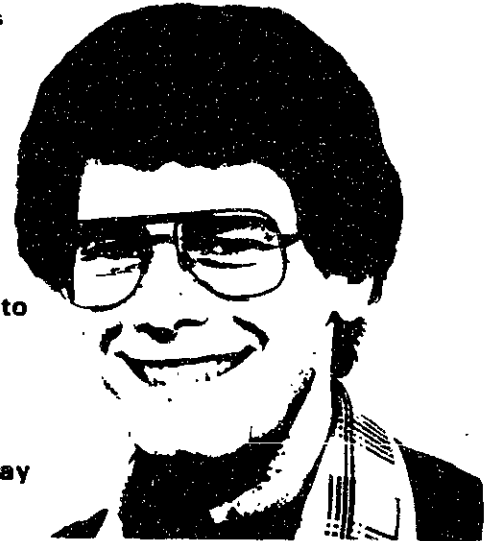
AS YOU PREPARE FOR PASSOVER
GIVE YOUR CHAMETZ TO SOMEONE WHO NEEDS IT

FOOD COLLECTED FROM ALL OVER THE BOSTON JEWISH COMMUNITY WILL BE DISTRIBUTED TO LOCAL SOUP KITCHENS AND SHELTERS ON THURSDAY APRIL 4
BRING YOUR NON-PASSOVER FOODS TO MIT HILLEL BY WEDNESDAY APRIL 3
YOU CAN VOLUNTEER TO HELP WE NEED PEOPLE TO HELP PICK UP FOOD FROM ALL OVER THE AREA AND TO HELP DISTRIBUTE IT CALL HILLEL AT 253-2982 OR PROJECT MAZON AT 266-3982

EYEGLASS & World

Complete Optical Shop

We have the new plastic scratch resistant lenses



Fashion frames at reasonable prices

Instant eye exams

Prescriptions filled

Fashion tints and photo changeables

Contact Lenses
60 Day Trial

Large Selection of Ray Ban Sunglasses

Sport Frame Available

Central Square, 495 Massachusetts Avenue, Cambridge Mass. 02139 Tel: 661-2520

OUR TWO WEEK SPECIALS ENDING APRIL 13th

HALLMARK
Bows & Ribbons
Selected Items

25% Off

JEAN NATE
After Bath
Splash

25% Off

AQUAFRESH
Toothpaste

6.4 oz. \$1.94

TEK
Toothbrushes

4 for \$1.00

JOHNSON & JOHNSON
Dental Floss

60 yds. \$.95

DRISTAN
Mist
Nasal Spray

1/2 oz. \$2.22

TRIPLE
Antibiotic
Ointment

1 oz. \$1.50

CUKAD
Sheer
Bandages

80's \$1.60

KENDALL DRUGS

Your MIT Community Drug Store

492-7790
238 Main Street

Kendall Square
Cambridge, MA

NEW ENGLAND 51 YRS TRADITION

BUTTON FLY
Levi's
COLORS
NAVY DENIM
BLACK DENIM
NATURAL DENIM

501's Guaranteed to
OUTLAST 'M ALL

Walker's

Riding Apparel, 292 Boylston St., Boston

opinion

feedback

Radars can detect cruise missiles

To the Editor:

I would like to clear up an error made by Joseph Shipman in his column ["Star Wars will protect ICBMs," March 19]. Shipman states that Star Wars can't defend civilian populations because of the threat from cruise missiles. In particular, cruise missiles fly too close to the ground to be detected by radar. This is not the case.

Although ground based radar has difficulty detecting low flying aircraft, airborne radar, which "looks" down toward the surface, is quite capable of detecting and tracking cruise missiles. This type of radar has been in use for several years aboard AWACS aircraft.

Recently the air force lent AWACS aircraft to the federal Drug Enforcement Agency for use in their "drug offensive" in the southeastern United States. Drug smugglers use low flying aircraft to try and escape detection when bringing drugs into

such areas as Florida. The DEA's drug offensive was quite effective at curtailing the flow of drugs by air into that part of the country.

In fact, AWACS radar systems are able to track automobiles traveling on highways, and require special software to keep them from being displayed. Space based radar with sufficient resolution would also be capable of tracking low flying objects.

The main difficulty with defending against cruise missiles is not the detection, but rather the destruction of the missile. Any space based laser or beam weapon would have to propagate through the atmosphere, including the dense lower layers. Since laser and particle beams disperse in the atmosphere, the difficulty lies in focusing the beam on the target. In addition the atmosphere would absorb a significant portion of the beam's energy before it could reach the target.

The extent to which these problems can be overcome is not

clear because most research in this area is classified. However, one of the currently proposed methods for Star Wars is to use ground based lasers whose beams are reflected by precision mirrors placed in orbit. This would require a solution to the above problems of dispersion and energy absorption. If such a system is being proposed then there has probably been some headway made in solving these problems.

Either that or someone is very optimistic. Since the material is classified there is no data for deciding which of the two is correct. It is therefore unreasonable to assume at this point that Star Wars cannot defend against cruise missiles.

One point made by Shipman is correct, although arrived at for the wrong reason. The point is that Star Wars will be used to protect ICBMs. Any military strategy requires that offensive weapons be protected, otherwise their usefulness is greatly impaired.

The question as to whether or not Star Wars will provide the same level of protection to population centers as it does to ICBMs will most likely be decided by politics and not technology. At this point I neither advocate nor reject the eventual deployment of space based defensive weapons as there is insufficient information to determine their cost, efficacy, or political implications.

If Star Wars is ever deployed it will be up to us, the voters and taxpayers, to ensure that its protection is extended to population centers.

Earl Waldin G

"A Soldier's Tale": bright, lively

To the Editor:

In response to the criticism of "A Soldier's Tale" in the March 15 issue of *Tech*, Jonathan Richmond may be the first critic ever to use the word "unimaginative" in describing Beth Soll's choreography. Perhaps he needs to experience more modern dance to understand that it is an abstract form of expression that does not rigidly follow a story line.

Contrary to Mr. Richmond's opinion, Beth Soll's "Dance Workshop" was in fine form on Thursday night. The dancing was bright, lively and humorous. Each short piece worked extremely well with the corresponding Stravinsky music. Mr. Richmond seems to have missed the beauty of the whole performance piece; the mixture of music, dance and drama which was charming. The

ageless battle between the soldier and the devil (taken from Russian folk tales) was, all at the same time, sad and funny, dramatic and light.

But most of all it was well performed by all the members of the cast: the actors, the dancers, the narrator and the musicians. On one subject only do I agree with Jonathan Richmond — that is the music. It was beautifully performed under the direction of Marcus Thompson. Unfortunately, Mr. Richmond's review only becomes alive when he is writing about the music, a subject he seems to know something about. Perhaps he should stick to music review and leave acting and dance criticism to others who are more familiar with the media.

Therese Z. Henderson
MIT Sea Grant Program

Whiteman superiority inappropriate concept

(Continued from page 5)

corners of the world. Tens of thousands of Ethiopians perishing for reasons entirely divorced from considerations of industriousness or will to succeed is no exception and should be addressed as such. For reasons that transcend human comprehension, Mother Nature has dealt disastrous blows to the inhabitants of certain parts of Africa, and it is a credit to a fragmented world when once in a while bands of

people with feeling come together to fight for an honorable end.

It is my sincerest desire that by the time Mr. Garfinkel comes to the end of this article, he would have begun to see things in brighter light. If he sticks to his opinions and continues to propagate them, I can do nothing but call him a dinosaur, and tell him his insensitivity and concept of whiteman superiority are entirely inappropriate in these modern times.

Kwame A. Efah '87

Continue generosity for those starving even after publicity

To the Editor:

I am writing in response to Simon Garfinkel's column ["Famine Uproar Hides Issues," March 22]. Before anything else, I'd like to say that Mr. Garfinkel is a pretty smart guy. I'll be graduating this year after four years at MIT. So will Mr. Garfinkel, after three years (Course V). But as we all know, intelligence and common sense don't always go hand in hand. You may be a terrific chemist, Simon, but you really don't make a whole lot of sense.

You state that you are "fed up" with the African famine. You claim that the famine, overexposed by the media, has consumed too much of our time and effort and has diverted our attention away from the arms race in general and the Geneva disarmament

talks in particular. We must, you feel, "solve the questions facing the superpowers in Geneva" before we can solve the problems in Africa. This is particularly true for those of us at MIT, you say, since we are "incredibly influential" in space weapons research, which you advocate as a solution to the threat of nuclear annihilation. As you so pompously declare, "We have a higher purpose."

First of all, I don't think we've been overindulgent in the African famine problem. The drought and the resulting famine began long before television brought us the first frightening pictures of gaunt Ethiopian women clutching their emaciated, dying children. As disasters go, this one is every bit as grand and horrifying as the

(Please turn to page 7)

日本はいつでもどこでも、
あなたのパートナーです。

Nippon Express
USA, Inc.



Air - Ocean
Household Goods

米 国 日 本 通 運

Going Home?

Why not let Nippon Express Boston handle your personal effects.

- Door-to-door service to most major points in the United States and the world.
- Both air and ocean modes.
- Our own truck will pick up your shipment.

Hill Associates Cargo Building
Logan International Airport
East Boston, MA 02128 (617) 569-7770

The Best Deal in PC's

NEC APC III

Superquick machine: 8 Mhz. 8086

Ultra-fine display:

- Tilt and swivel
- 14 inch
- 640 x 400 pixel monitor.

Massive storage:

- 10 Meg. Hard Disc & IBM compatible floppy drive.

Includes graphics, MS/DOS 2.11,
GW Basic. \$2195.00

Call: Hibrow's U.F.C.
9 Forest Ave.
Salem, MA 01970
1-744-7692

NOTICE!

QE2 STANDBY FARE TO EUROPE—Now \$599.

This standby fare provides a berth in a room for 4 (we'll find traveling companions for you). Or, for \$699, sail in a minimum grade room for 2 people. This limited offer is subject to withdrawal without prior notice and may not be combined with any other offer. Rate does not include taxes or airfare. Confirmation will be given 3 weeks prior to sailing;

a \$75 deposit is required with your request. For details, see your travel agent or write: Cunard, P.O. Box 2935, Grand Central Station, New York, N Y 10163.



CUNARD

© CUNARD 1985

Spinwriters® NEC Pinwriters®

SAVE 20% to 40% — while they last!

60% of PREPAID orders go out the NEXT bus. day! 95% within FOUR bus. days!

model number(s)	mode	cps	list price	sale price
8850	IBM-par.	136 55	\$2495	\$1680.00
8830,15,10	sid.	136 55	\$2450	\$1610.00
3550	IBM-par.	136 30	\$1895	\$1330.99
3530,15,10	sid.	136 30	\$1795	\$1220.99

If you've always wanted a Spinwriter but never thought you could afford one — believe me — RIGHT NOW is the time.

2050	IBM-par.	136 20	\$995	\$699.91
2030,15,10	sid.	136 20	\$950	\$677.43
7710,15,30	sid.	136 55	\$2450	\$1698.12

Quietest letter-quality printer on the market and a REAL Spinwriter — for SUCH a price!

off-360	4-mode	110 19	\$595	\$410.70
off-370	PC-jr.	110 19	\$545	\$398.80

If you've only HEARD about the Pinwriter and not had the opportunity to OWN one — Why wait any longer — here's your chance!

P2-2,3	par.	80 180	\$699	\$539.95
P2-7	ser.	80 180	\$785	\$599.91
P3-2,3	par.	136 180	\$999	\$748.51
P3-7	ser.	136 180	\$1085	\$824.67

NOW in COLOR, the Pinwriter's resolution is so fine it can MIX colors right on the paper producing 8 colors from a 4-color ribbon!

CP2-3	IBM-par.	80 180	\$999	\$696.39
CP2-6	IBM-ser.	80 180	\$1085	\$754.70
CP3-3	IBM-par.	136 180	\$1399	\$941.29
CP3-6	IBM-ser.	136 180	\$1495	\$999.60

666-8855

Spinwriter ACCESSORY

model	list price	sale price	unit cost	list price	sale price	unit cost
4102 Bi-directional Tractor	\$215	\$165.77				
4109 Uni-directional Tractor	\$165	\$119.12				
4107 Demand Document Trac.	\$425	\$336.03				
4101 Cut-Sheet Guide	\$95	\$74.80				
4121 Cut-Sheet Guide-II	\$110	\$82.97				
4103 Cut-Sheet Feeder	\$450	\$346.53				
4104 Dual-Bin Adapter	\$225	\$172.76				
4105 Envelope Handler	\$250	\$192.59				
4106 Front inserter	\$835	\$662.57				
4136 Front inserter Box	\$165	\$119.12				
6050 IBM-par.Spin-Mate module	\$305	\$238.07				
6030,15,10 par.ser. modules	\$180	\$141.28				

RIBBON

list price	list price	list price	list price	list price	list price	list price
for 20-35,8000 of 1	of 12	of 12	of 12	of 36	of 36	of 36
Black Multi-Str.	\$16	\$192	\$140.59	\$11.72	\$576	\$404.77
Black nylon	\$13	\$156	\$122.74	\$10.23	\$468	\$351.22
red/black nylon	\$15	\$180	\$135.59	\$11.30	\$540	\$389.78

THIMBLE

list price	list price	list price	list price	list price	list price	list price
of 1	of 3	of 3	of 10	of 10	of 10	of 10
\$25	\$75	\$54.77	\$18.25	\$250	\$150.00	\$15.00

PAPER*

list price	list price	list price	list price	list price	list price	list price
of 1	of 3	of 3	of 10	of 10	of 10	of 10
\$50	\$150	\$83.47	\$27.82	\$900	\$259.50	\$25.96

Pinwriter ACCESSORY

model	list price	sale price
P2UT Pin-Feed Tractor	\$75	\$60.00
P2BT Bi-Directional Tractor	\$150	call
P2CSF Cut-Sheet Feeder	\$350	\$80.00
P3UT Pin-Feed Tractor	\$100	call
P3BT Bi-Directional Tractor	\$175	\$43.00
P3CSF Cut-Sheet Feeder	\$430	\$72.47
P-Mac Apple-Macintosh Kit	\$190	\$147.11
6302.03 par. Pin-Mate module	\$190	\$147.11
6306.07 ser. Pin-Mate module	\$270	\$205.42

Retail customers add \$11.50 to total order. Include freight & save C.O.D. fees. Send to: 23 Chester St., Somerville, MA 02144

Open till 6:10 P.M. & Sat. till noon

SOUND COVERS

model	list price	sale price
82 P2 Pinwriter	\$142	\$107.69
301 P3 Pinwriter	\$384	\$277.82
417 Spinwriters	\$417	\$299.82
878 w/ 1-bin feeder	\$457	\$328.10
783 w/ 2-bin feeder	\$483	\$346.29

SALE on all items is scheduled TO END APRIL 15th, but SALE on any item MAY BE CANCELLED if demand exceeds supply.

*CLEAN EDGE® 9 1/2" X 11" one part trim for level 24"

HARDWAREHOUSE

625-2390

opinion

feedback

Worry about war and starvation

(Continued from page 6)

Nazi Holocaust. Belatedly, we began sending in huge quantities of food, medicine, and farm equipment in one great outpouring of generosity. Private citizens donated millions to relief agencies, Midwestern farmers freely gave tons of their grain, thousands volunteered their services to the relief effort (and many of these had to be turned away).

Unfortunately, not all of this aid has reached the famine victims. The Communist Ethiopian government has not cooperated in the relief effort and has, in fact, blocked many relief ship-

Society should not be isolated

To the Editor:

These columns are rarely used for much more than "flaming", even as the columnist S. Garfinkel noted (*The Tech*, 3/22). So I will not waste my time trying to be academic about my discussion.

I have spoken to many Africans at M.I.T., and I think I am justified in saying that your article was offensive towards Africans. I am particularly appalled at the offhanded manner in which you dismiss "three or four million starving Africans." Mr. Garfinkel, you are talking about human life here. And do not tell me that a missile or the Star Wars program is worth more than human life!

Anyway, apparently you are not alone in imagining that you live in an isolated society. The other day someone else claimed (in *The Tech*) that he was "tired of hearing about Apartheid." What is the matter? Even if the elections are over, and the pornographic movie has been shown — despite all that heat! — please desist from subjecting us to senseless scrutiny and sick jokes.

Mr. Garfinkel, firstly, the song "We are the ones, we are the children" was intended to help "starving Africans" AND STARVING AMERICANS. Why did you not mention these starving Americans? Are you not tired of hearing about them? What about Street People? Why? Where do you live? Maybe you sincerely believe that only Africans can starve.

Secondly, and this goes to that

ments to its own people. Furthermore, one should be aware that the famine will not disappear overnight. It will take years of diligent, patient work on the part of foreign and Ethiopian workers to reform the blighted areas and to wipe out the famine. In the meantime, millions more may die of starvation. We must, therefore, continue to donate our time and money long after the initial euphoric surge of altruism has faded away. Since we have short memories, we must be continually reminded that the problem still exists. It's called responsibility, Simson.

other "tired of hearing about S. Africa" guy: Your ancestors may have fought for their freedom — as a result of which you too are free — South Africans (the real ones) are still fighting for theirs, and Africans are more aware of the economic, cultural, and even spiritual domination that they are subjected to from the Northern Hemisphere. Have you ever asked yourself (probably not!) why Africans should be busy dying at the hands of police and the army in S. Africa, and due to starvation in Ethiopia while Americans are busy living life to the fullest possible? Or is it that African life really is worth so little?

Finally, even though America raises you to "overlook" the welfare of others (seemingly so to me at least), just remember that you live in a society and must derive your livelihood from it. And it is this same society that carries so much human suffering. The suffering may be unpalatable but you cannot run away from it. America is just part of the society of world nations.

Even if you think we deserve to starve to death while you guys arm yourselves against "the Soviet threat," please stop depicting us as worthless people who have nothing better to do with our lives. Let those who feel that it is a moral responsibility to preserve human life when it is within one's power do so. And if you must write such articles, please be cautious and consider Africans might be offended — just as surely as you would if you were in our shoes.

Karanja Gakio '88

Second of all, I don't see how anything could possibly obscure the threat of nuclear war. The Bomb both frightens and angers me since I may never have the chance to fall in love, get married, raise a family and live a full life. Thinking about nuclear war is like staring down the barrel of a loaded gun, so I keep these thoughts in the back of my mind. But they will never leave my mind, Simson. They will never leave anyone's mind. "The Day After" made it perfectly clear what a nuclear holocaust is all about.

It's easy to say that we must try harder to save the world from nuclear war, but I honestly don't think we can do more than we've already done. Despite the efforts of antinuke protesters here and abroad, cruise missiles are sprinkled throughout western Europe and the MX will soon find a home in the Midwestern plains. It's a sad fact that control of nuclear power rests in the hands of a few men who are, for the most part, too old to care about when they die. And given the failure of the last Geneva arms talks, it's hard to take the present round of talks completely seriously. It's frustrating to watch all this craziness while standing powerlessly on the sidelines. We can, however, do something about the famine in Africa.

Believe it or not, Simson, it's possible to worry about nuclear war and feed starving Africans, too. The Soviets have done absolutely nothing to help Africa, but are they any more committed than we are to ending the arms race? Maybe if the Soviets saw how determined we were to save the lives of starving Africans, they would think that we were equally determined to save the lives of everyone else as well.

As far as MIT students are concerned, few of us would actually go to Africa because of financial obligations, but how long and how much effort does it take to write a check to a relief organization? Furthermore, our concern for the Africans can hardly diminish our research capabilities. Rather, it can only make us better human beings.

Lastly, you seem to have a hangup about the saving grace of technology. Technology began the arms race, but it won't end it. Space-based weapons won't do what Reagan thinks they can do. The Soviets have some pretty smart scientists who can devise counterweapons to anything the US can come up with. The arms race won't end in a research lab at MIT or Moscow State University. It'll end when a Russian and an American sit down together at the same table and decide that enough is enough.

Joaquin Tinio '85

Erratum

The Tech erred in its transcription of Matthew Sachs' letter ["*Soldier's Tale* criticism unsupported," March 22]. The published version read: "Also, we are told that this unusual piece is rarely performed. . ." The original version read: "Also, we are told that the *Soldier's Tale* is simply 'Stravinsky's,' not that it was created by C. F. Ramuz and Igor Stravinsky as a jarring performance piece combining elements of music, dance and drama. Nor are we told that this unusual piece is rarely performed. . ."

NEW ENGLAND TRADITION
51 YRS
INDIAN Style MOCCASINS
LADIES' MEN'S KID'S
31 STYLES
STARTING AT \$16.50
Walker's
Riding Apparel, 292 Boylston St., Boston

Manseur's
your IMAGE is our career
Hair & Skin Care Salon
"THE BEST CUTS IN BOSTON"
Appt. & Walk-in
231 Newbury Street 536-1605
w/this ad or 15% Disc. thru 4/30/85

AMERICAN CANCER SOCIETY
Adopt a Smoker
Help a friend quit

This space donated by The Tech

CAMPUS NETWORK
National College Television
APRIL 1-7

Ch 8 — On the hour M,W,F 6:00 pm - 11:00 pm; T,Th,S Midnight-Noon
Phil Collins at Perkins Palace
Audiophilia
Producer/songwriter Collins performs his greatest solo hits including "In the Air Tonight" and more. 45 min

Ch 9 — Quarter to the hour M,W,F 6:45 pm - 11:45 pm; T,Th,S 12:45 am - 12:45 pm
BusinessWeek's **Careers**
Peter Balestiero, of McGraw Hill discusses starting salaries, benefits and more. 15 min

Ch 9 — On the hour M 9:00 am-Noon; W,F Midnight-Noon; T,Th 6:00 pm - 11:00 pm
Adult Cartoons
Down on the Farm
Barnyard humor with "Molly the Moo Cow" and other animated favorites. 30 min

Ch 9 — On the half hour M 9:30 am - 12:30 pm; W,F 12:30 am - 12:30 pm; T,Th 6:30 pm - 11:30 pm
CAMPUS NETWORK **SPECIAL**
The Rutles (Part II)
Parody of the lives and careers of the Beatles with George Harrison, Mick Jagger, John Belushi and more. 30

Ch 10 — On the hour M,W,F 6:00 pm - 11:00 pm; T,Th,S Midnight - Noon
GROOVES
The best of progressive new music videos. Includes top ten countdown, #1 club video, special guests and more. 60 min

Ch 10 — On the hour M 9:00 am - Noon; W,F Midnight - Noon; T,Th 6:00 pm - 11:00 pm
STUDENT SHOWCASE
Beckman, A Subway Serenade
From Columbia College, Chicago—Tod Lending's moving and sensitive film. 30m

Ch 10 — On the half hour M 9:30 am - 12:30 pm; W,F 12:30 am - 12:30 pm; T,Th 6:30 pm - 11:30 pm
REAL TO REEL
Sold American
Steve Parkford's documentary on marijuana growers in Northern California. 30 min

Brought to you by:
STUDENT CABLE PROGRAMMING GROUP
TODAY'S CHEVROLET

ARTS

Boston Collectors show diverse but attractive

The Great Boston Collectors: Paintings from the Museum of Fine Arts. Through June 2, at the Museum of Fine Arts.

To a casual observer, the *Great Boston Collectors* exhibition at the Museum of Fine Arts might seem the ultimate concession to crash-tourism. The mainstays of the MFA's collection have been stripped

from their satellites and brought together for a kind of top-conference with their peers.

Fortunately, this unusual move was urged by considerations of a practical and temporary nature, rather than a drastic change in policy. The Evans Wing of the Museum, the permanent home of the

paintings collection, is closed for renovation. This exhibition makes some of its best pieces provisionally accessible to the public.

It is obvious that a show like this is pervaded by a sense of massive eclecticism. One might have hoped that the confrontation of all those first-class works would induce a colloquy of different styles and periods; in practice, they shout each other down. But in general, individual quality easily overcomes the hostility of the environment.

In the first section of the exhibition, the reference to Boston collectors is purely formal: it is simply a display of Old Masters. Prominent among them is Van der Weyden's *Saint Luke Painting the Virgin*. With its thematic and iconographic richness and its elaborate, delicate treatment of the natural world (rarely Van der Weyden comes so close to Van Eyck), it is the kind of work one could contemplate almost indefinitely.

A two-century jump brings us at a vibrant El Greco, the portrait of *Fray Horacio Félix Paravicino*; portraits by Rembrandt and Jordaens allow for comparison. The French schools are represented by the serene *Apollo and the Muses on Mount Helicon*, by Claude le Lorrain, and Boucher's *Return from the Market*.

As we approach the modern age, some well-known American works appear. With *Watson and the Shark*, John Singleton Copley leaves his specialty, portraiture, for the extensive rendering of a dramatic scene. The result convinces by straightforward eloquence, rather than formal refinement. The opposite is true for *The Daughters of Edward D. Boit*, the masterpiece of John Singer Sargent, where subtle asymmetries in composition add a touch of immediacy and surprise to the striking portraits of four girls of different ages, moods and degrees of attention.

Sargent brings us to the middle section of the show, in which the scene is France and the style Impressionism (and its immediate successors). It is here that the Boston collectors come into play, since the Mu-

seum's exuberant collection of Impressionist paintings is the result of a long-lived love affair of the city's art buyers with that single school.

Essentially all major artists involved in the movement contribute, thus making this section the only one which could claim a certain completeness in its field. The Boston version of Manet's *Execution of the Emperor Maximilian* forms a splendid opening. At the other end, we find the quintessential Paul Gauguin in *Where Do We Come From? What Are We? Where Are We Going?* I know of no other example where Gauguin has combined his impressions of primitive society with his highly personal palette to create a work as enigmatic and fascinating as this.

Finally, we arrive at the exclusively American division. It starts with a number of colonial portraits, among which the works of Copley stand out. Then we are offered a selection of the donations of Maxim Karolik, who is thus the only Boston collector to whom more than some casual attention is accorded. His gifts cover mainly lesser-known 19th-century Americans. At the risk of arousing suspicions of snobbery, I state as my view that the body of this work is to be judged for its historical and cultural interest, rather than its aesthetic merit — with the definite exception of the crystalline landscapes of Albert Bierstadt, Fitz Hugh Lane and Martin Johnson Heade.

It should be clear by now that this exhibition proceeds by addition, rather than integration. Probably this was just as unavoidable as the concentration on major pieces. But it will be a mere matter of patience to get the chowder which goes with the clams.

Downstairs, the Museum has installed a temporary display of its Spanish, Italian and French Baroque paintings. It can be seen as an appendix to the Boston Collectors show, with which it shares its provisional character and the high quality of its works.

Michiel Bos



Truffaut's 400 Blows back at the Brattle

The 400 Blows, directed by François Truffaut, starring Jean-Pierre L aud; at the Brattle Theatre, daily at 4, 6, 8 and 10 pm, through April 13.

When Fran ois Truffaut died last Fall, he left a legacy of brilliant films, as well as a feeling of sorrow for what might have been added, had he lived longer than his fifty-two years. Arguably the greatest French director of his time, he consistently produced masterpieces in the twenty-five years of his directing activity.

The Brattle Theatre is currently rerunning his first great work, *The 400 Blows* (*Les 400 Coups*), made in 1958. It is a

landmark in film history: it started the French New Wave (*Nouvelle Vague*), with its use of relatively simple technical means and its solid commitment to reality outside the film studios.

For Truffaut, as for his Italian Neorealist counterparts fifteen years earlier (and indeed for any "realist" form of art), a commitment to reality meant an awareness of life-determining mechanisms beyond human control, implying a feeling for the potentially tragic nature of life. In *The 400 Blows* (which is partly autobiographic), these features are demonstrated in the struggle of a schoolboy with his surround-

ings.

At school, he is severely punished for futile causes and humiliated in front of his classmates. At home, he is merely an unwanted appendage to his parents' unhappy marriage. His sincere efforts to adapt to his environment's standards come to nothing, or even aggravate his situation.

The dramatic content of the storyline and the irreproachable acting are complemented by superior handling of the camera. Truffaut fully exploits his freedom of choosing the perspective. From the first moments, during which the camera tours the streets of Paris showing the buildings

looming above, to the agitation of the final scenes, the film unfolds a sequence of captivating shots — angle and steadiness boldly adapted to the rhythm and atmosphere of the action.

The film is a must-see for anybody seriously interested in film as a form of art. Its impact is enhanced by the quality of the new 35mm print used at the Brattle.

After *The 400 Blows*, the Brattle will show its successor, the even more acclaimed *Jules and Jim*. Note, however, that Jules and Jim will also be shown by LSC, on April 19.

Michiel Bos

"I'd go out more often if I could afford it. . ."

Well, now you can, with

The Tech Performing Arts Series.

The Metropolitan Opera will be visiting Boston for the week of April 22-27, and we've negotiated a very special deal for the MIT community. So, if you've always wanted that night at the Met you never thought you could afford, now's your chance. Watch this space for details.

We're also organizing a whole season of specially discounted events for the 1985-86 academic year. If there's anything special you'd like us to arrange for you, let us know and we'll do our best to fix a special low MIT price.

The Tech Arts Department. Reporting on all the Arts in Boston. And now providing for discounted admission too.

ARTS

Clarinet Concerto - Continual elation

Brandenburg Ensemble, Alexander Schneider, conductor and guest soloist Richard Stoltzman, Symphony Hall, March 29; Mozarteum Orchestra of Salzburg, Hans Graf, conductor, Homero Francesch, soloist, Symphony Hall, March 31.

Mozart's final instrumental work, the *Clarinet Concerto*, K. 622, was composed a few weeks before his death. It is not only arguably Mozart's finest work for a wind

instrument; it perhaps defines the high-point of concerto writing of any time. It is a piece which dances in melancholy: One is simultaneously trapped in its tragedy and elated by its bubbling joy.

Mozart knew little joy at the time of the piece's composition. He was deeply in debt, and reduced to writing humiliating letters begging for money. Deserted by society and friends alike and lonely, he sought company from whoever would pro-

vide it and, so his wife Constanze was to allege, this meant moving in disreputable circles.

Mozart was commissioned to secretly compose a Requiem for a Count who wanted to pass the work off as his own. His only other commissions towards his death were for dance music for fancy-dress balls, and for musical clocks and glass harmonicas. Commissions of consequence went to Mozart's inferiors.

He was unkempt and irritable; his outward manners were crude, but when Mozart sat down at the piano his manner would change as, calmed, he became lost in his music. As the Mozartean biographer, Hildesheimer, put it: "Although the tragic nature of his life is an essential component of our admiration for him, we repress the fact that we owe the purifying effect of his music to his objectifying mastery of this tragedy, its extreme and unique sublimation."

Richard Stoltzman is one of the few contemporary clarinetists worthy to lead us into the bitter-sweet revelations of one of Mozart's most miserable, but finest hours. Of Stoltzman's technique there could never be doubt. The clarinet is clearly an extension of his body: He can perform the most virtuosic of feats on it as easily as you or I can raise a hand. But, more significantly, the instrument is also a part of his soul. As we saw him become totally absorbed in his playing, we felt an indescribably serene happiness, colors of sorrow and joy melting into a continual state of elation.

The Brandenburg Ensemble began the first movement gracefully. The velvet textures of the orchestra were to provide a perfectly-balanced and supportive ambience for Stoltzman's solo. Characterized by precision and lightness of touch, the orchestra was also equal to Stoltzman's wit, drawing the occasional unselfconscious smile from the clarinetist during pauses in the solo part.

The second movement, the *adagio*, is the most profound in a work of fathomless depth. Stoltzman played with total clarity and complete fluency. The music came across simply and directly. But, it was also penetrating, opening to conjecture forbidden and unanswerable questions. The beautiful fluidity of his tone captured deep tragedy, and raised it to a state of Heavenly ecstasy.

The *Rondo (allegro)* provided an uplifting conclusion, as if one could reach higher than Heaven. Stoltzman's facility, his ability to make every note sing, sent the audience home humming and happy; happy in Mozart's music and oblivious to the material conditions of Mozart's death.

* * * *

The Mozarteum Orchestra of Salzburg brought their home-grown freshness and sparkle to Boston. They began their Symphony Hall concert with Mozart's *Divertimento in D*, K. 136, giving it a performance as vibrant and free-flowing as it was charming.

Homero Francesch appeared to play Mozart's *Piano Concerto No. 20 in D minor*, K. 466. His approach was fiery, but his touch silky. The lengthy cadenza to the first movement had just a bit too much bravura, however, and, though Francesch played with phenomenal technical agility, there were other moments when one felt one was looking at Mozart from the outside, rather than from within. This was not, however, to detract from the enjoyment of the concluding *Rondo: Allegro assai*, however: Francesch's spirited attack and his close relationship with the orchestra made this into an exciting finale.

The orchestra saved its best performance of the evening for Mozart's *Symphony No. 38, Haffner*. The strings were remarkably smooth, winds sensitive. The *adagio* was done particularly beautifully, while the cohesion and power of the Orchestra made for an exhilarating finale.

Jonathan Richmond



Richard Stoltzman

Stuart Sherman performs at MIT: an interview

Stuart Sherman interviewed by The Tech.

Stuart Sherman is one of the primogenitors of the often outrageous and maddening new artistic genre known as "performance art," recently made popular by the likes of Laurie Anderson and Robert Wilson. The dangerously broad term covers a growing number of otherwise unclassifiable visual and musical dramatists.

For the past decade, Sherman has been quietly laying the groundwork for the "sudden" emergence of this hybrid form of art. As a writer and artist living and working in Greenwich Village, he became interested in adding a time element to some of his visual ideas. He worked out a series of speedy, stripped-down "spectacles," simple manipulations of everyday objects and sound effects done in an earnest deadpan.

Later, he branched out to more ambitious projects in various media. In general, all these works were extremely brief (in the range of 2-3 minutes).

When he showed some of his works to Stephen Brecht (son of dramatist Berthold Brecht), he was encouraged to perform in Brecht's own avant-garde theater. Embraced by the Village theater community, he won an OBIE critic's award from the Village Voice, among others.

A few years ago he staged a trilogy inspired by three great traditional theater pieces, *Hamlet*, *Oedipus Rex*, and *Faust*. These works ran from five to twenty-five minutes, and had a level of complexity unprecedented for Sherman. Now, he has conceived a new trilogy featuring compressions of the complete works of Chekov, Brecht, and Strindberg.

The MIT Council for the Arts, newly housed in the Arts and Media Technology Building, chose Sherman to be the first subject of its new Artist-in-Residence program and commissioned him to set up his Chekov performance in the building's experiment gallery. The performance premiered on Friday the 29th to a full crowd.

In an interview I had with Sherman the week before the premiere, he took time to explain his ideas and goals.

Do you think of yourself as a "performance artist?"

I'm very uncomfortable with all words. I like words — I'm just very skeptical about their comprehensiveness, their validity in general.

That same feeling extends over into the things people call me. I'm always very reluctant to apply these terms to myself. Working on the inside, I don't have a name for what I do. It's not relevant as far as helping me continue doing what I do.

Originally performance art, as I understand it, was an outgrowth of what were called "happenings" in the sixties, where mainly painters and sculptors performed live events, something that had a time element. Performance art in the seventies was again mainly the interest of painters and sculptors who wanted to extend their possibilities for expression. They didn't come from a theater background. They wanted to make primarily visual works that utilized time as an element.

Performance is for me related to the very literal use of the term. You have to perform an act to give form to an intent. That relates to what I do very strongly.

My early work involved the manipulation of everyday objects in unusual ways. I would change the context and manipulate them in a way that altered their ordinary identity. That kind of performance was very casual: it was just like sweeping my apartment. I didn't become a character, I didn't emphasize anything. It was more in the style of the performance of household chores.

Of course you invite comparisons with traditional theater by doing things like your *Hamlet* and *Oedipus*.

My interests are mixed: I had some theater background. At the same time I have a strong interest in the visual arts. I started out as a writer, I wrote stories and poems, and I would draw.

The performance really comes out of the drawings. The most immediate source was something visual. The performances are animated drawings.

The drawings I made were ideographic. If I depicted a person drinking a glass of water the drawing would be the idea of drinking a glass of water.

I've always been concerned with the physical world as made up of ideas and

things at the same time — as well as words. So a chair can be the idea of a chair and the word "chair" at the same time.

Did you find yourself, once you were into performing and doing your spectacles, drawn to a more traditional appraisal of theater, hence your impressions of *Hamlet*, *Faust*, and the others?

Definitely. Even though I was doing so-called avant-garde theater, I thought that what I was doing was, in its own way, very theatrical. I also felt that my style could accommodate larger themes and much more varied subject matter.

I also wanted to confront the split between avant-garde theater and traditional theater, and I thought one of the best ways to bring the debate to a head, as it were, was to take a work like *Hamlet* and show what relevance my way of working would have.

Plus, the fact is I really do like these plays. I didn't feel a split in myself and I wanted to show in my work that no such split existed.

The work is like painting. I'm not staging the plays, it's visual, with movement. Also, it's a staging of my ideas — that's more the point. As visual as it is, all of my work is giving form to ideas.

I find that in art in general, whatever the discipline, there's too often a fascination with the material aspects of the medium, the sensuous properties of the medium with too little attention to the ideas that form the material.

You try to stay away from the strict methodology of particular media and try to keep basic ideas in several different media?

Well, if I make a film for instance, I use film in a way that makes special use of the techniques that are peculiar to film; I don't just impose my ideas on them. At the same time I don't let these techniques and these special properties become more important than the ideas — there has to be a perfect blend.

Are there any particular reasons that working at MIT interested you?

I'm delighted to be here. One thing I'd like to get involved with is computer graphics. I'm very interested in computers

and computer imaging — because my work is so imagistic, and also because it's very structured. I think computer graphics would be a very natural extension of my film work, and also a way to order material efficiently.

I'm very concerned with speed and centralizing information, and codes; really, all of my work is a kind of code in and of itself. It's a kind of language I've evolved. It's private, but it's comprehensible — it's a new kind of language as computer languages are. But for me most scientific languages are different and new.

Do you see a kinship between your work and science?

I do. I'm always trying to discover hidden laws, relationships and correspondences between things that haven't been seen before. I think I'm very much involved in research, redefining how images and ideas and languages and movement can be related to each other.

There's a difference between your two trilogies, in that plays like *Hamlet* and *Oedipus* are very much in the social consciousness, while in the second trilogy, artists like Strindberg, Chekov, and Brecht are a little less accessible.

Well, I like to think that if you didn't know anything about *Hamlet* or Chekov, the performances would still be interesting. It has to work in and of itself.

It's like writing music, but instead of writing with notes, I write with images, in a sense. Finally what matters is the music that you hear or the painting that you see. I could make a portrait of you: it has to work as a painting whether people know you or not.

It's the same with *Hamlet* or Chekov or any of the others. It has to work at the minute you see it, a formal construction. That includes the action, and the sound, and the objects.

There's special lighting in my Chekov production, fluorescent lights go on or off, trees go up and down — it's a machine, and it has to make sense in and of itself so that you could, maybe in some ideal way, reason backwards as it were, and create Chekov out of it. Finally, it doesn't matter what the source is.

Steve Hunt

AT&T Long Distance. The thinking student's choice.

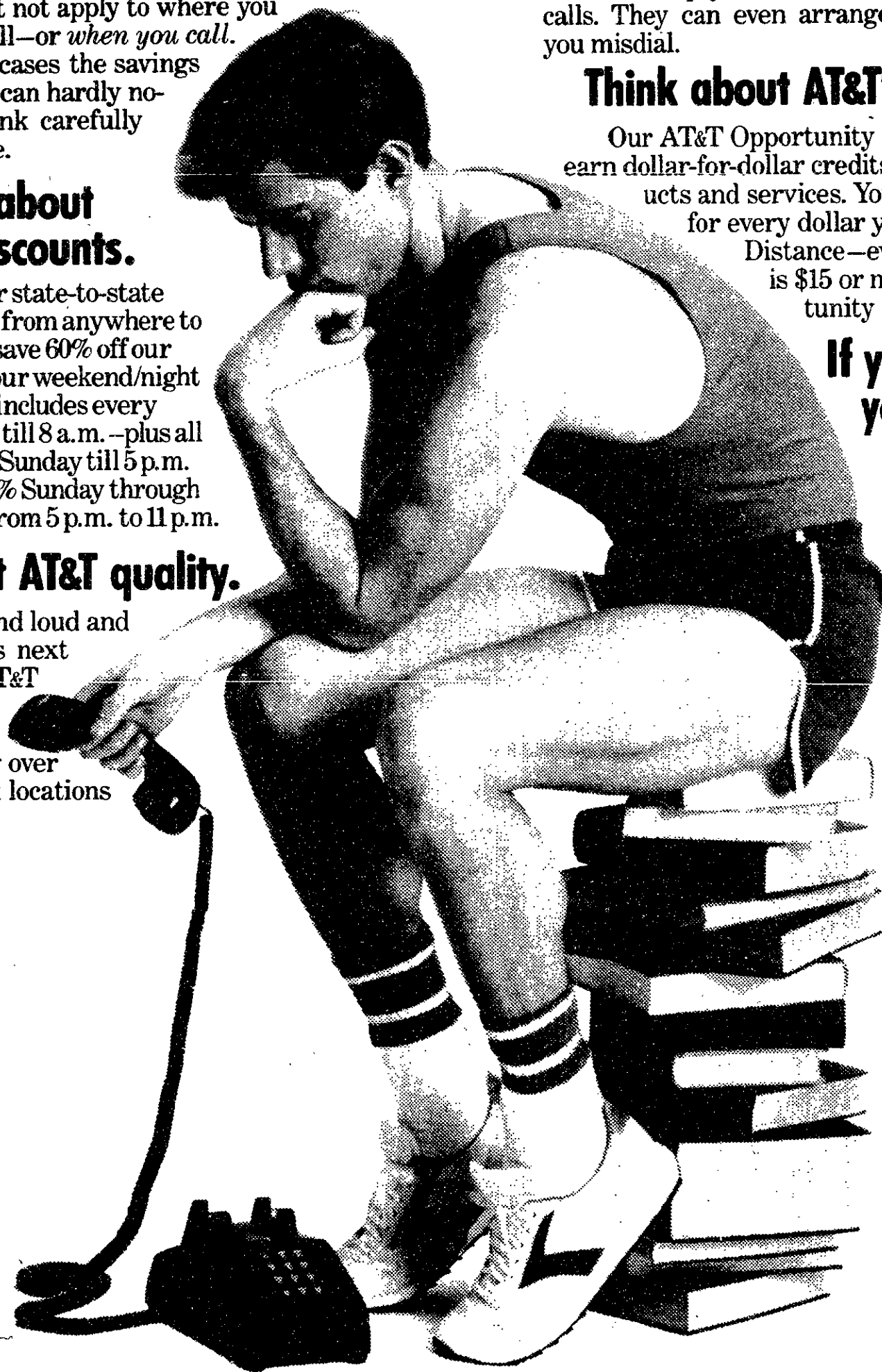
Other long distance companies are making some pretty extraordinary savings claims. But take a closer look—and those claims may start to disappear. Because the savings might not apply to where you live, where you call—or *when you call*. Fact is, in many cases the savings are so small, you can hardly notice them. So think carefully before you choose.

Think about AT&T's discounts.

They're good for state-to-state direct dialed calls from anywhere to anywhere. You'll save 60% off our day rates during our weekend/night rate period. That includes every night from 11 p.m. till 8 a.m.—plus all day Saturday and Sunday till 5 p.m. And you'll save 40% Sunday through Friday evenings from 5 p.m. to 11 p.m.

Think about AT&T quality.

AT&T calls sound loud and clear—as close as next door. And only AT&T lets you call from anywhere to anywhere—including over 250 countries and locations worldwide.



Think about AT&T service.

Only AT&T has more than 35,000 long distance operators to help you with collect and person-to-person calls. They can even arrange immediate credit when you misdial.

Think about AT&T's special credit.

Our AT&T Opportunity Calling™ program lets you earn dollar-for-dollar credits toward brand-name products and services. You can earn a dollar's credit for every dollar you spend with AT&T Long Distance—every month your AT&T bill is \$15 or more—up to \$300 in Opportunity Credits monthly.

If you think about it, you'll choose AT&T.*

No other long distance company offers the combination of savings, value and quality you'll get with AT&T—the thinking student's choice.

To confirm AT&T as your long distance company, send in the attached ballot. Or if you prefer to confirm AT&T as your long distance company by phone (or for more information), call 1 800 222-0300.

*Applies only to people who have telephone service in their name and who are being asked to choose a long distance company.

The more you hear the better we sound. SM

Choose AT&T

Yes, I want AT&T to provide my long distance service.
Return to: AT&T Long Distance
P.O. Box 1547, West Caldwell, NJ 07001

AREA CODE () TELEPHONE NUMBER

NAME (PLEASE PRINT)

ADDRESS

CITY STATE ZIP

SCHOOL NAME

SIGNATURE

SA Check here if your name, address or phone number has changed in the past 6 months.





Velvet Underground

ARTS
ARTS
ARTS

★ ★ Rare Velvet Underground re-issued ★ ★

VU, the Velvet Underground on Verve Records.

The Velvet Underground were art-rockers before that was a trendy thing to be, combining wall-of-noise descriptions of a sex-and-drug-fueled netherworld with passionate folk-rock ballads. Predictably, their association with Andy Warhol and recording of songs like "Heroin" (which many supposedly progressive radio stations still won't touch) precluded any sort

of commercial success for the group.

Fifteen years after the band's breakup, in this supposedly more enlightened age, MGM/Verve decided to re-release the Velvet's albums *The Velvet Underground and Nico* (with the infamous peel-away Warhol banana sticker), *White Light/White Heat* (perhaps one of the most inaccessible records ever released on a major label), and *The Velvet Underground*. In the process, a number of tapes turned up which had been recorded for the legendary never-released "Lost Velvet Underground Album." Ten of these songs, suitably remixed, became *VU*.

This could be the band's best album; it's certainly the most accessible. Most of the numbers are known to hard-core Velvet fans through bootleg recordings, and a few (most notably "Andy's Chest") turned up on solo albums by Lou Reed. "I Can't Stand It," which has been receiving an awful lot of local airplay lately, is classic Velvet Underground in both its desperate lyrics and its simple-but-catchy bass riff. "Stephanie Says" and "Ocean" represent the lilting, folksy side of the Velvets which so few remember, while "One of These Days" clearly illustrates the influence this

band's work had on early Eno, Bowie, and Roxy Music work.

It can easily be argued that the release of this album represents a strictly commercial decision (that is, if people buy *VU* and like it, a reasonable market may eventually develop for more difficult-to-appreciate works like *White Light/White Heat*); nevertheless *VU* is a record that no Velvet Underground fan should pass up. And those who've been scared away by the band's undeserved negative reputation will be pleasantly surprised.

V. Michael Bove

classified advertising

Classified Advertising in *The Tech*: \$5.00 per insertion for each 35 words or less. Must be prepaid, with complete name, address, and phone number. *The Tech*, W20-483; or PO Box 29, MIT Branch, Cambridge, MA 02139.

Council Travel/CIEE. For Int'l Student I.D., Low cost flights USA and Worldwide, Work and Study abroad and More! FREE Student Travel Catalog! Call 266-1926 or drop by at 729 Boylston St. 2nd fl., Boston, Ma 02116

Do you need to talk to an attorney? Consultations for real estate, consumer and business law, trademarks, contracts, negligence, personal injury, automobile accidents, divorce and litigation. Call Attorney Esther J. Horwich, MIT '77 at 523-1150.

\$6/hr., on campus, 5-10 hrs/wk., start immediately. Chemical, bio-science or related lab experience required. Interesting work for small business. 965-6340, Cole.

SUMMER SUBLETS WANTED
Visiting profs seeks furnished apts/homes 7/1 - 8/31. Will consider monthly arrangements. Cambridge - Harvard Sq. area only. Call Audrey 868-3900, M - F, 9-5.

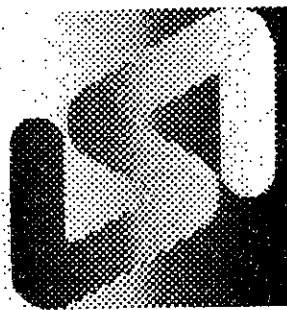
'83 BMW 320i immaculate, low mileage, factory warranty, loaded, alarm, radar, +, price negotiable. 877-5032.

St. Jude's Novena
May the sacred heart of Jesus, be adored, glorified, loved & preserved throughout the world now & forever. Sacred Heart of Jesus, pray for us. Say this prayer 9 times a day. By the 8th day your prayer will be answered. It has never been known to fail. Publication must be promised. My prayer have been answered. JVP

Digital Rainbow 100B, 6 month old, excellent condition. Complete package and extra memory. Software included. Paid \$3,000. Make offer. 254-3673

The MIT Equipment Exchange offers surplus equipment and used typewriters to students and staff at reasonable prices. Located in Building NW30, 224 Albany Street. Open Tues., Thurs. 11 am - 3 pm.

Your foreign language ability is valuable!



Linguistic Systems, Inc.
116 Bishop Allen Drive
Cambridge, MA 02139

Translations into your native language are needed for industrial literature. You will be well paid to prepare these translations on an occasional basis. Assignments are made according to your area of technical knowledge

We are currently seeking translators for:

- Arabic • Chinese • Danish • Dutch
 - Farsi • French • German • Greek
 - Italian • Japanese • Korean
 - Norwegian • Polish • Portuguese
 - Romanian • Spanish • Swedish
- and others.

Into-English translations from Russian, East European languages and many others also available.

Foreign language typists also needed

All this work can be done in your home!

Linguistic Systems, Inc. is New England's largest translation agency, located a block north of the Central Sq. subway station.

For application and test translation call Ms. Desormeaux

864-3900

WHY PAY MORE?

THRIFTY RENT-A-CAR

HARVARD SQUARE
876-8900

BOSTON
367-6777

CENTRAL SQUARE
492-3000

UNLIMITED FREE MILEAGE
Confirmed reservation required.

Full Line of 1985 Chevrolets

"Never a Mileage Charge"

Plus 7 other suburban locations to serve you!

The 1984-85
James R. Killian, Jr.
Faculty Achievement Award
Lectures

"Influences and Partners"

Philip Morrison

Institute Professor
Professor of Physics

Lecture 1:

"Energy, the Aether,
and the Public Understanding
of Science"

Wednesday, April 3, 1985 4:30 pm

Lecture 2:

"Cosmic Fireworks;
Starbursts, Whirlpools, and Fountains"

Wednesday, April 10, 1985 4:30 pm

Lectures delivered in
Room 10-250
Huntington Hall
Massachusetts Institute of Technology

sports

April home events

Tuesday, 4/2
Baseball vs. Suffolk 3pm.
Wednesday, 4/3
Men's Tennis vs. Bowdoin College, 3pm.
Women's Tennis vs. Salem State, 3:30pm.
Thursday, 4/4
Baseball vs. Babson, 3pm.
Friday, 4/5
Baseball vs. Thomas, 3pm.
Golf vs. WPI and Coast Guard, 1pm.

Friday, 4/12
Baseball vs. Brandeis, 3pm.
Men's Tennis vs. University of Vermont, 3pm.
Saturday, 4/13
Golf vs. Tufts and Colby at Crystal Springs, 1pm.
Men's Rugby vs. Hatfield Tech (England).
Men's Sailing, Geiger Trophy, 9:30am.
Men's Tennis vs. Trinity College, 2pm.

Sunday, 4/14
Men's Sailing, Geiger Trophy, 9:30am.
Men's Tennis vs. United States Military Academy, 1pm.
Monday, 4/15
Baseball vs. UMass-Boston, 1pm.
Tuesday, 4/16
Men's Rugby vs. Univ. of Western Ontario.
Wednesday, 4/17
Baseball vs. Suffolk University, 3pm.
Lacrosse vs. Holy Cross, 3pm.

Thursday, 4/18
Softball vs. Emmanuel College, 3:30pm.
Saturday, 4/20
Baseball vs. Bates College, 1pm.
Softball vs. Brandeis University, 11am.
Track vs. WPI, 12:30pm.

Sunday, 4/21
Golf vs. Bates College at Crystal Springs, 1:15pm.
Monday, 4/22
Lacrosse vs. Amherst College, 3pm.
Men's Tennis vs. Babson College, 3pm.

Tuesday, 4/23
Golf vs. Univ. of Lowell and Babson, 1pm.



Tech photo by H. Todd Fujinaka

The Men's Rugby team gets into a scrum against the University of Santa Clara. MIT crushed the visitors, 20-0.

Men's Tennis vs. Providence College, 3pm.
Women's Tennis vs. Wheaton College, 3pm.

Wednesday, 4/24
Lacrosse vs. Mass. Maritime Academy, 3pm.

Thursday, 4/25
Softball vs. Suffolk University, 3pm.

Friday, 4/26
Baseball vs. Clark University, 3pm.
Women's Tennis vs. Brandeis University, 3:30pm.

Saturday, 4/27
Lacrosse vs. Bates College, 2pm.
Lightweight Crew vs. Rutgers University.
Men's Sailing, Fowle Trophy, Elimination "B", 11:30am.

Sunday, 4/28
Heavyweight Crew vs. Syracuse University.
Men's Sailing, Northern Series IV, 9:30am.

Tuesday, 4/30
Baseball vs. Boston College, 3pm.



Tech photo by H. Todd Fujinaka

Spectators gather on the banks of the Charles River to watch the MIT Women's lightweight crew team race against the University of Rhode Island and Connecticut College March 23.

Men's Tennis vs. Colby College, 3pm.

Saturday, 4/6
Baseball vs. Boston University, 2pm.
Men's Rugby vs. West Roxbury.

Men's Sailing, Northern Series II, 11:30am.

Women's Sailing, Emily Wick Trophy, 9:30am.
Softball vs. Wheaton College, 11am.

Men's Tennis vs. Pennsylvania State University, 2pm.
Track vs. Bowdoin and Bates, 12:30pm.

Sunday, 4/7
Women's Sailing, Emily Wick Trophy, 9:30am.

Tuesday, 4/9
Lacrosse vs. Babson, 3pm.
Women's Tennis vs. Wellesley College, 3:30pm.

Wednesday, 4/10
Golf vs. Northeastern and Harvard, 1pm.
Men's Tennis vs. Tufts, 3pm.

51 NEW ENGLAND YEARS TRADITION

Men's & Ladies
COWBOY BOOTS

TONY LAMA ACME
JUSTIN DINGO
DAN POST TEXAS
DURANGO
FRYE

Starting at \$59.50

Walker's

Riding Apparel, 292 Boylston St., Boston

Summer Work???
TRY TEMP!

- Clerks
- Word Processors
- Secretaries
- Accountants
- Typists
- Data Entry

Long or short-term jobs
Friday PAY • NO Fee
TOP RATES

BOSTON 357-8300
120 Tremont St.

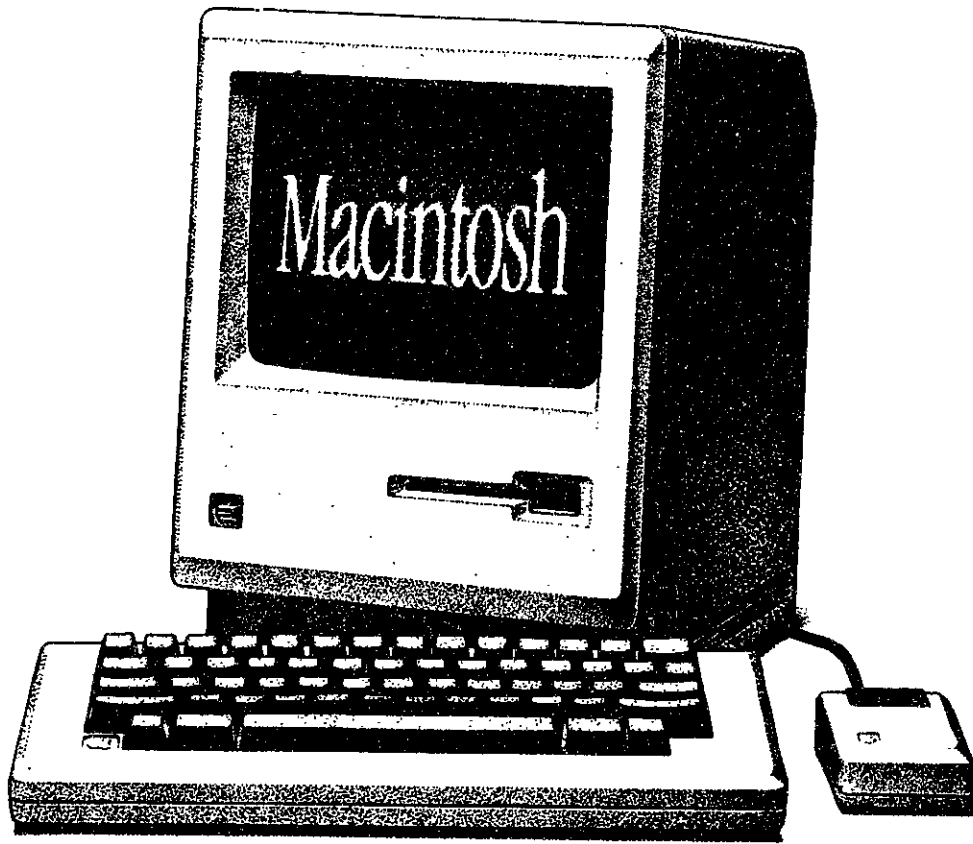
BROOKLINE 734-7199
1330 Beacon St.

CAMBRIDGE 354-7215
1430 Mass. Ave.

Office Specialists®

MIT MICROCOMPUTER CENTER

"MIT'S CENTER FOR MICROCOMPUTING"



Special Offer *

Macintosh 128K with
Imagewriter printer
and external disk drive
\$1928

Macintosh 512K with
Imagewriter printer
and external disk drive
\$2317

Room 11-209

11:00 am-3:00 pm weekdays

plus 5% Mass sales tax

* Limited Quantities