

Berman leaves post

By Craig Jungwirth

Sara Mae Berman, a staff associate of the Office of the Dean for Student Affairs responsible for "attention to the concerns of women students" at MIT, has resigned from her position effective Nov. 23, 1984.

"There are many complex reasons why [I am leaving]," Berman explained. "The basic reason is my husband and I are going into the publishing business," she said. "This is a job where I can put my creative energies to work on a full-time basis."

Berman added, "I am personally indebted to Dean McBay for maintaining my services under a limited budget and my resignation is not a criticism of Dean McBay."

Dean for Student Affairs Shirley M. McBay said, "We do intend to fill the position." A review of the present job description for the position will be undertaken, she said. "The position will be filled by the end of the calendar year."

"When certain conditions are met," McBay said, "such as a large enough percentage of women students [are] here at MIT so that they are no longer viewed as a minority . . . and many women feel that they do not need special support . . . some of the support services [associated with the position] would be continued, but that position would be abolished."

"I don't think that [those conditions] are right around the corner, however," McBay added.

Betsy Salkind G, member of Pro-femina, a newly-formed campus women's group, and former president of the MIT Association for Women Students agreed. "I look forward to the abolition of that position when there is a 50-50 mix of men and women in a non-sexist society," Salkind said. "I hope that time is around the corner."

It is "very important to have a person to centralize a fragmented women's community," Salkind added.

Berman was hired in the fall of 1982 for a full-time one-year po-

sition to address student activities issues and women students' interests.

"The new staff associate's position filled by Sara Mae Berman has provided a sense of commitment by the Dean's Office to women students and it has served to centralize Institute-wide efforts on behalf of the students," according to the *Reports to the President: 1982-1983*.

During the spring of 1983, a group approached McBay and expressed the need for continuing her position on "at least a half-time basis," Berman said.

Since Dec. 1, 1983, Berman has worked half-time on issues concerning women students' interests on campus.

It was difficult to "divide my enthusiasm in half," Berman said, because "there is plenty to do to be helpful to women students here."

(Please turn to page 13)

Campaign Analysis

Reagan's domestic program

By Harold A. Stern

(Editor's note: This article is an analysis of the president's stand on certain issues.)

Ronald Reagan promised great change when he was elected four years ago. His slogan, "A New Beginning," banner-lined his advent to office.

His "new beginning" became an attempt to return to "traditional values" that he feels need to be restored in society. The US school system is one area where he has concentrated these efforts.

Reagan decried the "rising tide of mediocrity" and called for a "return to basics" in the public schools, including more emphasis on fundamentals and higher pay for teachers.

The president has proposed giving tuition tax credits to parents who enroll their students in private schools to extend free enterprise into our educational system.

Reagan supported legislation guaranteeing access to school fa-

groups, in accordance with "the freedoms of religion and speech," according to the Republican platform. He also supports the right to voluntary prayer in schools.

Perhaps one of Reagan's least-publicized efforts has been the "New Federalism." The Republican platform states: "State and local governments closest to the people are the best and most efficient."

The administration has handed the states greater responsibility: governors now have greater discretion in policy concerning federal grants; states have the authority to choose Medicaid projects; and the Justice Department intends to turn over some responsibility to states in enforcing civil rights.

In economic matters, the White House says it has tried to make deep cuts in domestic spending, to "trim the fat" from the budget and only give money to those who truly need it. The president claimed he would not remove the "safety net."

Arthur Simonetti, a spokesman for the Reagan-Bush campaign, said that Reagan intends only to "make it more difficult for the upper-middle class to get loans, and cut wasteful spending," even though he has been accused of considering the cancellation of the Guaranteed Student Loan

program.

About 200,000 people had their Social Security disability benefits cut off under the Reagan administration. Congress had authorized it under the Carter administration.

Reagan has restructured the Social Security program to avoid waste, according to Simonetti. The administration wanted to reduce Social Security payments to people retiring before the age of 65. "A lot of people collect social security because they don't like working; they really don't need it," Simonetti said.

However, Reagan promised to protect benefits for all current and future recipients of Social Security. He did not make the same pledge about Medicare.

The president believes that jobs created by economic recovery will most help the poor. Nearly six million jobs have been created in the past four years.

Also, the administration has drastically reduced inflation from 12.8 percent when he took office to roughly 4 percent. Simonetti claimed the inflation had hurt those people with fixed incomes.

The abortion issue has also been a major concern of the Reagan administration. The president is trying to outlaw the practice in the United States, and he

(Please turn to page 2)

Freshman attacked on Mass. Ave.

By Ellen L. Spero

A freshman escaped serious injury when a man accosted him early Saturday morning at the fringes of campus.

John S. Underkoffler '88 was returning home to his fraternity when he was attacked, according to Campus Police Captain William M. Lyons.

A black male approached the solitary Underkoffler at 2:29 am near his residence, Alpha Delta Phi fraternity, on 351 Massachusetts Avenue.

The assailant pulled a maroon van up to Underkoffler while he was crossing State Street.

The man asked, "Can I talk to you?" according to Lyons. He then "struck John on the chest with his hands," Lyons said.

Lyons said "two other students from ADP saw what was going on." They ran back to the frater-

nity and "hollered for help," Lyons explained. The assailant then took off, according to Lyons.

Underkoffler emerged from the incident with no serious injury and did not need to receive treatment, nor were any of his possessions taken, Lyons said. Nobody

recorded the van's registration number or license plate number, but Cambridge Police were notified of the situation, he added.

The scuffle came only three weeks after two males robbed another MIT student at gunpoint on the Harvard Bridge.



Tech photo by Shari Jackson

A trick-or-treater arrives at a Halloween party for the kids of Westgate last Friday night at Tang Hall.



Tech photo by P. Paul Hsu

Professor Steven R. Lerman '72, director of Project Athena.

Athena delayed by IBM

By Charles R. Jankowski

(Editor's note: This article is a first in a series on Project Athena.)

Project Athena is "behind the schedule we were supposed to meet," according to Steven R. Lerman '72, director of the project. Athena will most likely open accounts for undergraduate students by February 1985, Lerman said.

Undergraduates who receive new accounts on the system will work primarily at a new Athena cluster which is scheduled to open in the Julius A. Strattor '23 Student Center library in early November, according to Lerman.

"We'll notify [the students] well before we [open the new cluster]," Lerman said, adding, "I'm always anxious to communicate Athena to the students."

There are now five clusters — groups of linked computers — available to Athena users. Current accounts on Project Athena are primarily for faculty members, students taking courses that use Athena, and student consultants.

The new cluster at the Student Center will have a total of 60 terminals, 30 from the Digital Equipment Corporation (DEC) and 30 IBM Personal Computers used as terminals with DEC computers, Lerman said. There will be 107 DEC and 73 IBM terminals on the project at the end of the term, he continued.

"MIT is concentrating mostly on getting students to use the system," Lerman said. He compared Athena with similar projects at Brown University and Carnegie-Mellon University, where developing system software has a higher priority than student involvement.

Major IBM Change

IBM and DEC, the two largest computer corporations in the world, agreed to donate fifty million dollars worth of equipment and support staff to MIT for Athena.

There will be a "major change in strategy with IBM," Lerman continued, but DEC "is essentially on schedule."

Technical problems with the proposed IBM set-up delayed the development of the project, Ler-

(Please turn to page 2)

inside

The Logs, Chorallaries, and others in an MIT performance. In the Arts Section. **Page 11**

* * * *

And even more Arts. A movie at the Nickelodeon, and the MIT Chamber Players. **Page 11**

* * * *

Football, IM Cycling, and a crew picture in the Sports Section. **Page 16**

IBM delays hinder Athena

(Continued from page 1)

man said. The plan originally called for networking IBM Personal Computers with the IBM 4341 mainframes.

The "economics were terrible" with Athena's initial plan, Lerman said. The IBM mainframes are not designed to serve other computers, but rather to function independently, he explained.

This strategy also required equipment from several different firms, which could not be efficiently assembled into a complete system.

A new plan with IBM was developed at the end of the summer. The plan calls for the use of the new IBM PC/AT, an advanced version of the PC. Athena has 80 PC/ATs now, and has an order for another 80, Lerman said.

The PC/ATs are now being used mostly for software development, but the majority will be distributed to various depart-

ments within the Institute.

The final number of PC/ATs in Athena will be "totally contingent on new products" that IBM has not yet announced, Lerman continued. When it releases the new equipment, Athena will switch from PC/ATs to the more advanced terminals.

The new IBM equipment will consist of advanced workstations with 32-bit processors, high resolution displays, one million bytes of memory, and will run the UNIX operating system.

Living group clusters

Athena will continue its plan to put terminals in dormitories and fraternities, Lerman said. "For Athena to be meaningful, it has to be in the living groups."

Lerman added that there will be one terminal for every five to eight students at the Institute, when the project is completed.

Project Athena will still be completed by 1988, as was origin-

ally planned, Lerman said. He added, though, that "in [the computer] industry, 1988 is like an infinity," and that "things will definitely change."

FACT: There are 180,000 Massachusetts citizens with mental retardation

CHALLENGE: 80% can become self supporting citizens

SOLUTION: Massachusetts Association for Retarded Citizens (617) 891-6270

**MENTAL RETARDATION
HERE TODAY ...
HERE TOMORROW ...**

Massachusetts Association
for Retarded Citizens
(617) 891-6270

This space donated by
The Tech

Reagan on issues

(Continued from page 1)

is encouraging similar efforts in other nations.

The Reagan administration plans to eliminate all US aid to international organizations that propose abortion as a possible method of birth control in overpopulated Third World nations, according to the Republican platform.

He does not approve of the Equal Rights Amendment, although he claims he is in favor of equal rights for women. Simonetti attributed this to "ambiguous and confusing" clauses, and sections which would require women to serve in combat positions in the army.

The president believes it is through economic opportunity that women will achieve equality; he is an supporter of equal pay, which is "the most important issue," Simonetti said.

The American environment has been an area of weakness in the president's domestic policy.

Only six toxic dump sites have been cleaned up with Superfund dollars, out of 750 dumps eligible. Simonetti said there were disputes between the Environmental Protection Agency and state governments as to who was responsible for the toxic dumps.

The administration's record has improved. The appointment of William Ruckelshaus to head the EPA has supposedly been a

major cause of this. Even Democrats who had criticized the agency have admitted that it has been showing new life.

Macintosh[®] 512K Memory Upgrade Kit*

\$49.95

Kit Includes:

- Easy-to-follow pictorial instruction manual
- "MacTool" (for removing the back cover)
- Special Memex-512 PC board
- 16 Chip Sockets
- Memory test program
- Free RAM Disk Program (Makes your Macintosh run a lot faster)

Price \$49.95

Deluxe Kit Includes:

- All of the above
- plus sixteen 256K x 1 Memory Chips

Price \$599.95

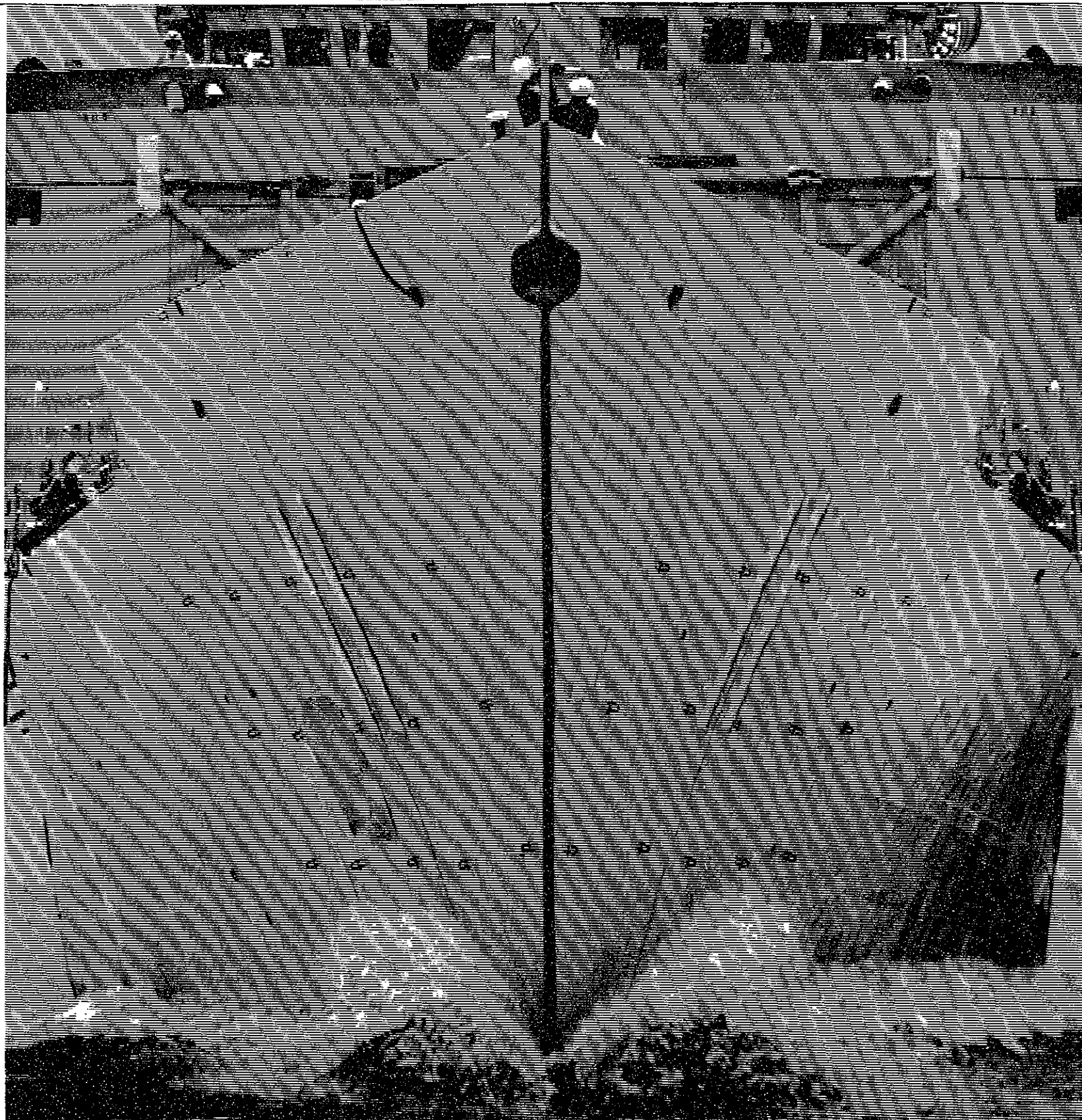
To Order Call or Write:

MassTech, 451 Boston Rd, Groton, Mass 01450
(617) 448-3450

Visa and Mastercard Accepted
Dealer and Computer Club Inquiries Welcomed
Mass residents add 5% sales tax

* Installation requires soldering

Macintosh is a registered trademark of Apple Computer, Inc.



LEARN TO DRIVE.

You're on the bridge of a 200-million-dollar Navy destroyer ploughing through the choppy waters of the South China Sea. And you're in charge.

You're ready for the responsibility because you're a Navy Officer. With more authority than

most corporations will ever give you at 22.

The rewards are greater, too. With a great starting salary of \$17,700. A comprehensive package of benefits. And an increase up to as much as \$31,000 after four years with regular promotions

and pay raises.

There's more to learn in the Navy. About yourself and about a career that can last a lifetime. Get everything you're capable of from the start when you start in the Navy. See your Navy Recruiter or

CALL 800-327-NAVY.

NAVY OFFICERS GET RESPONSIBILITY FAST.

A Seminar Sponsored by
the Society of
Manufacturing Engineers

"The Future of Robotics in Manufacturing"

Speaker: Prof. Seering of
the Department of
Mechanical Engineering

Thursday, Nov. 1

5 pm in Room 3-370

REFRESHMENTS

WILL BE SERVED

EVERYONE IS WELCOME

ELAN - Racing Skis

Model/Size	Price
RC DH — 215/223	\$209
RC SGS — 205/215	199
RC GS — 180-210	195
RC SL — 180-210	195

Prominence

670 — 175-205	175
650 — 160-205	175

Order & Info.

at MIT call

Jim Lin — 577-8028

or 484-2360

and leave message

news roundup

World

OPEC to consider cutting oil production — The market monitoring committee of the Organization of Petroleum Exporting Countries urged its members to slow oil production in an effort to support sagging prices. The 13 OPEC members met yesterday to consider action in response to price cuts by oil exporting Britain, Canada, Norway, and Nigeria. Nigeria, an OPEC member, said Sunday it would not cut production or raise its discounted price.

Israel adopts policy for Lebanon mediation — Israel's cabinet Sunday called for US mediation in that country's occupation of Lebanon. Such mediation is intended to obtain the withdrawal of Israeli troops from Southern Lebanon and guarantees against infiltration of guerrillas or the Syrian army into that area. A US State Department representative said an American role in mediation was unlikely at present. "There are a lot of things that have to be settled before we can come close to a negotiating or mediating role," he said.

Nation

Infant girl receives baboon heart — Doctors transplanted the heart of a baboon into a 16-day old girl at California's Loma Linda Medical Center Friday. The infant, referred to as Baby Fae, was born with the fatal hypoplastic heart syndrome. Animal Rights advocates protested the operation, but other picketers supported the action. The doctors employed a new drug, cyclosporin-A, to help suppress the girl's rejection of the foreign heart.

Local

Kerry will return PAC money — Lt. Governor John F. Kerry, the Democratic US Senate candidate in Massachusetts, said Sunday he will return \$10,000 given to his campaign by Democrats for the 80's, a national Political Action Committee. Kerry, as well as Republican candidate Raymond Shamie, have promised to refuse money from PAC's. Democrats for the 80's bought \$10,000 of tickets to a political fund raising dinner for the Democratic nominee, before the primary. When Kerry won the primary, his campaign received the money.

Sports

Waitz wins her sixth New York Marathon — Greta Waitz of Norway won the women's competition of the New York Marathon Sunday in a relatively slow 2 hours 29 minutes and 30 seconds. Italy's Orlando Pizzolato was the overall winner with a time of 2 hours 14 minutes and 53 seconds. Temperatures in the mid-70's and high humidity made it difficult for the runners. Waitz said it was her most difficult marathon ever. The weather may have contributed to the death of France's Jacques Bussereau who collapsed 14 miles into the race.

Weather

Rain on Halloween? — During the next few days Boston will be in a battle zone between cold air from Canada and warm, summer-like air from the the South. This means typical New England weather: almost anything. Variable clouds are predicted for today and tomorrow with highs around 60 and possible rain tomorrow.

Daniel Crean

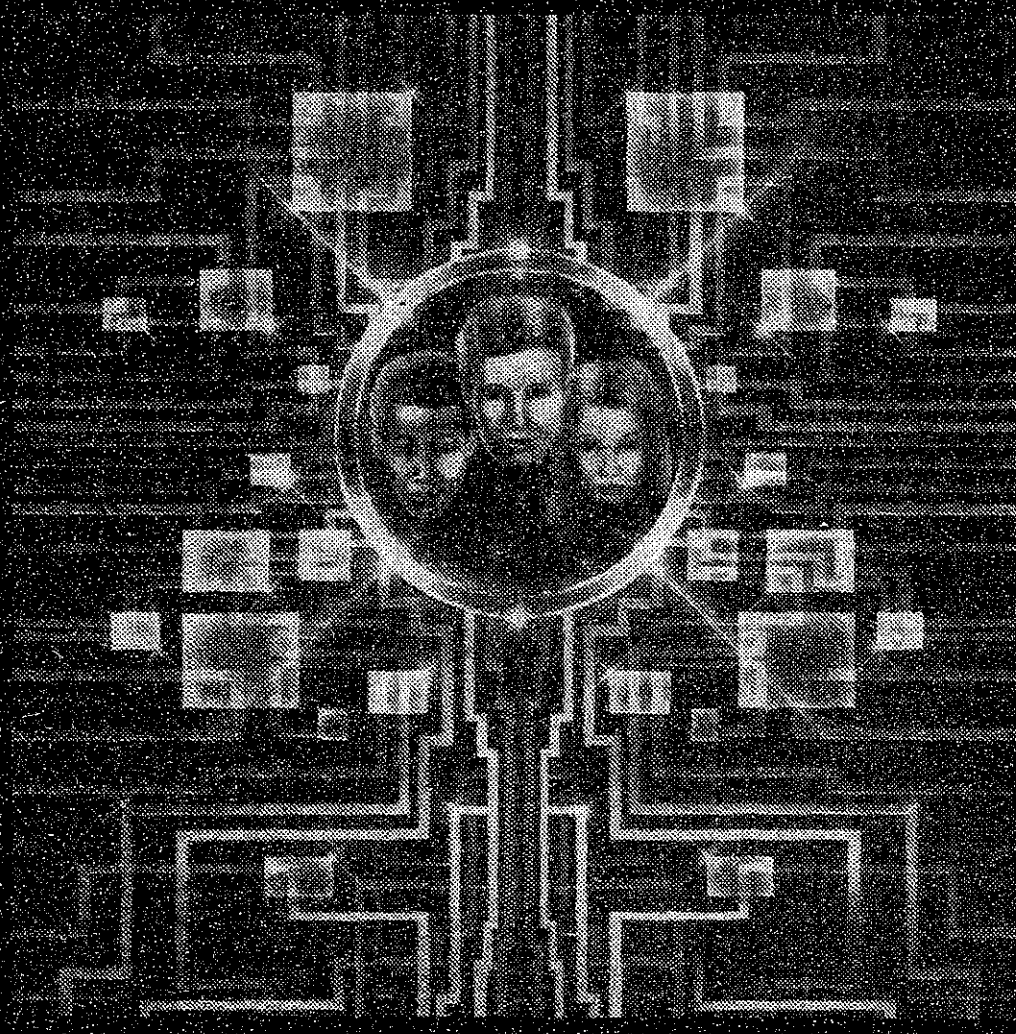
The Quality of Student Life at MIT

The Office of the Dean for Student Affairs announces a series of four meetings in preparation for a visit by the Visiting Committee on Student Affairs.

Can we improve the quality of life at MIT for all students?
for minority students?
for international students?
for women students?
for gay students?
for handicapped students?
for graduate students?
Let us hear from you!

October 17
Wednesday 4:30-6pm
October 24
Wednesday 4:30-6pm
November 1
Thursday 7:30-9pm
November 7
Wednesday 4:30-6pm
MIT Student Center
Mezzanine Lounge
Fruit and Cheese Served

ENGINEERING AND TECHNICAL GRADUATES



DISCOVER INTEL'S TECHNOLOGY LEADERSHIP

Intel. The microelectronics leader. Responsible for such technological "firsts" as RAM's (Random Access Memories), EPROM's (Erasable Programmable Read-Only Memories), microprocessors, single-board computers, microcomputer development systems and million-bit bubble memories. Intel's formula for success combines resources, objectives, people and a company philosophy that inspires and rewards excellence.

We know you've worked hard to make yourself the best you can be... So have we. You deserve nothing less than the best... We accept nothing less than the best. We have a lot in common... If you're looking for a chance to achieve "firsts" of your own, invest your education at Intel... the leader in microelectronics and careers.

If you are unable to meet with us, please contact Intel College Relations at the location of your choice:

Arizona: 5000 West Williams Field Road, Chandler, AZ 85224
Santa Clara, California: P.O. Box 3747, Santa Clara, CA 95051
Sacramento/Folsom, California: 151 Ravine Road, Folsom, CA 95630
New Mexico: 4100 Sara Road, Rio Rancho, NM 87124
Oregon: 5200 N.E. Elam Young Parkway, Hillsboro, OR 97124
Texas: 12675 Research Boulevard, Austin, TX 78766.

An Equal Opportunity Employer M/F/H

intel®

OPEN HOUSE
November 5, 1984, 7:00-9:00 PM
Building 4, Room 163
Software Opportunities Presentation



Manseur's
your IMAGE is our career
Hair & Skin Care Salon

"THE BEST CUTS IN BOSTON"

Appt. & Walk-in

231 Newbury Street

536-1605

\$9.00 SPECIAL

9am-12noon Mon-Thurs

w/this ad or 15% Disc.

thru 11/30/84

opinion

Column/Scott Saleska

Reagan economic policies are unfair

Third in a series

It is time for the inevitable. I cannot write a series on President Ronald Reagan without dealing with the question which almost always arises when discussion of the election comes up: "But what about the economy?" The underlying assumption to this question is that "the economy" is better under Reagan. It is an assumption that does not stand up to scrutiny.

Obviously, there are some aspects of the economy that are better since Reagan took office. Inflation is probably the most notable. As reported in the October 9 issue of the *New York Times*, inflation has fallen from 45.7 percent over the four years of the Carter administration to 26.1 percent for Reagan's four years. Net disposable personal income, which rose 7.9 percent under Carter, rose 9.8 percent under Reagan.

There are, however, other areas that make Reagan's overall record look much less sound than it is commonly assumed. The actual figures for unemployment, home mortgage rates, and economic growth, are suprising. I had been under the impression that these were slightly better under Reagan than in the recent past. Such is not the case.

Overall unemployment (averaged over the whole period of each administration) was up to 8.4 percent for Reagan from 6.4 percent under Carter. Average home mortgage rates, 10.60 percent under Carter, were 13.86 percent for Reagan. And the

gross national product increased 13.6 percent under Carter, compared to 10.3 percent under Reagan. (*New York Times*, October 9, 1984) And, of course, there's the current national debt, over \$1.5 trillion.

The picture is even more disturbing when one considers who has benefitted and who has suffered as a result of Reagan's policies. For example, the increase in disposable personal income is concentrated solely among those who had high incomes to begin with. Those at the bottom end have lost all the ground gained in the previous twenty years, according to *The Reagan Record*, a study issued by the Urban Institute this August.

If one divides mean incomes of American families into five equal groups, ranging from poorest to richest, and compares the relative income of each group in 1980 with its income in 1984 (1982 dollars), one finds a directly proportional relation between income level and income change. The income of the poorest quintile of the population dropped 7.6 percent while the most affluent quintile rose an 8.7 percent. This is a dramatic shift from pre-Reagan trends, and demonstrates how the war against poverty has virtually been transformed into a war against the poor.

Another disturbing statistic regards the homeless poor, whose numbers have increased five-fold since 1980. This means, of course, that in winter more people freeze to death.

(Please turn to page 7)



Column/Will Doherty

MIT policies not consistent

Second in a three-part series

MIT's policy prohibiting discrimination against lesbian and gay students conflicts in three problematic areas with the institutions of the outside world. The problem institutions are: the Reserve Officer Training Corps (ROTC) programs, employer recruitment, and security clearance stipulations for student projects and employment.

MIT and the Department of Defense (DOD) do not see eye to eye on the participation of lesbians and gays in the ROTC programs. Department of Defense regulations state "Homosexuality is incompatible with military service," thus requiring ROTC officials to prohibit participation of lesbians and gays in ROTC programs. This discriminatory policy directly conflicts with MIT's policy disallowing such discrimination.

Over the past couple of years, MIT has made progress in resolving the problem. At the insistence of concerned students, MIT administrators have initiated a dialogue with DOD concerning the ROTC policy. In fact, MIT sent a letter urging the DOD to reconsider their policy. It may be, however, that the only way to get MIT and DOD to negotiate a solution would be for a student or group of students in ROTC to file suit against ROTC, DOD, and MIT.

In fact, Dianne Matthews, a ROTC student at the University of Maine, won a court case contesting the decision of that school's ROTC program to expel her because she said she is a lesbian. A federal district court ruled that the ROTC programs may not remove students simply for saying they are homosexuals, as this action would deny the students their constitutional right of free speech. It is not clear what effect the court's decision will have on other cases.

Here at MIT, the ROTC program is the biggest problem of institutionalized discrimination, involving the career choices and educational funding of many students each year. These students must choose between continuing in the program, hiding their sexuality with the hope that they will not be discovered and reported, or quitting ROTC, perhaps dashing their hopes for a military career and cutting off the funding they need to continue their education.

Lesbian and gay students in ROTC who are discovered may carry the mark of their sexual orientation on their military record for the rest of their lives.

This situation often prompts gay and lesbian students who quit ROTC to list some other reason as their problem with ROTC, hiding forever the scope of the problem of such discrimination within the ROTC program, and more generally, within the armed forces.

Until enough of these students decide to bring the matter before the courts, the ROTC program, and possibly MIT, will move at a slow pace to deal with this issue.

In the second area of institutionalized discrimination at MIT, that of corporate and agency recruitment, MIT has failed to enforce the policy prohibiting discrimination once again.

All corporations and agencies who wish to recruit students at the MIT Office of Career Planning and Recruitment must sign a statement confirming their intention to not discriminate on the basis of sexual orientation, along with several other criteria. The administration of this office has not enforced the policy, often neglecting to have recruiters fill out and sign the form completely.

In some cases, agencies which do discriminate on the basis of sexual orientation, such as the United States Air Force, have signed the form anyway, placing them under a legal compulsion not to discriminate. This leaves both MIT and the offending agency or corporation liable for lawsuits. Other problem agencies include the Central Intelligence Agency, the National Security Agency, the US Navy, and the US Army. The Federal Bureau of Investigation and the US Marine Corps apparently do not recruit at MIT.

The National Gay Task Force compiles a list of companies that do not discriminate on the basis of sexual orientation. As far as I know, the Career Planning Office does not consult this document, or any other such source, in their feeble attempts to apply the equal opportunity policy of the Institute.

The final area of institutionalized discrimination against lesbians and gays in the MIT community is the issuing of security clearances for MIT-affiliated studies or work opportunities.

A sizeable number of students participate in programs at MIT's Lincoln Labs or the closely-associated Draper Laboratory. Most of the work at these facilities requires security clearance. The agencies that grant these security clearances often still consider lesbians and gays too much of a security risk to give them clearances.

Although there are some exceptions, lesbians and gays who wish to pursue a field of study or a job at these facilities, such as those provided by the Undergraduate Research Opportunities Program, may have to steer clear of opportunities available at facilities like Lincoln Labs or Draper Labs. This is an abridgement of their freedom to educational resources that should be available to all MIT students. Lesbians and gays who do try to pursue studies or employment at these discriminatory institutions should be aware that discovery of their sexual orientation could result in termination of their job and possibly in unfavorable references on military or civilian employment records.

feedback

Sees need for groups

To the Editor:

As a female member of the MIT undergraduate community, I would like to applaud Ben Stanger's effort to reveal the true academic and social status of women in his article "Students discuss 'quality of life'" [October 26].

I have never been an advocate of women's rights because I have never felt intimidated by men. However, now that I have come to MIT I have started to realize why women here find the need to band together and support one another.

I get the impression that many, though not all, men at MIT tend to prejudge a woman by her appearance and other superficial characteristics. A woman is not given the chance to gain respect through her academic or community achievements. It has been shown that women on the whole are doing just as well or better than male counterparts in the same departments and are active members of student organizations. Yet this feeling of inferiority persists because some men still look down on a woman before they get to know her. My point is that men should discover and appreciate the quality of the women at MIT before they randomly discriminate against them.

Sharon Els '88

TheTech

Volume 104, Number 48

Friday, October 27, 1984

Chairman Martin Dickau '85
Editor in Chief Diana ben-Aaron '85
Managing Editor Scott I. Chase '85
Business Manager Paul G. Gabuzda '85

News Editors Thomas T. Huang '86
 Ellen L. Spero '86

Night Editors Carl A. LaCombe '86
 Andrew S. Gerber '87
 Gregory D. Troxel '87

Photography Editors P. Paul Hsu '86
 Steven H. Wheatman '86

Arts Editors Ronald E. Becker '87
 Jonathan E. D. Richmond '85

Advertising Manager Robert W. O'Rourke '85
Contributing Editors Drew Blakeman '85

Janice M. Eisen '85
 Simson L. Garfinkel '85
 Matthew W. Giamporcaro '85
 Omar S. Valerio '85
 V. Michael Bove G

Senior Editor Tony Zamparutti '84
Production Manager Ronald E. Becker '87

Indexing Project Representative A. David Boccuti '79

NEWS STAFF

Associate News Editors: Amy Gorin '84, Edward E. Whang '87;
Staff: John B. Searles '86, Ronald W. Norman '86, Andrew Bein '87, Paul Duchnowski '87, Kevin D. Hurst '87, Arvind Kumar '87, Harold Stern '87, Mathews Cherian '88, Michael J. Garrison '88, David P. Hamilton '88, Charles R. Jankowski '88, Ben Stanger '88.

OPINION STAFF

Columnists: Joseph L. Shipman '82, Stewart Cobb '85, Erik A. Devereux '85, Will Doherty '85, Scott Saleska '86, Eric Berman '88, Adam B. Rosen '88, Kimberly B. Sklar '88, Ken Meltsner G, Joseph J. Romm G.

SPORTS STAFF

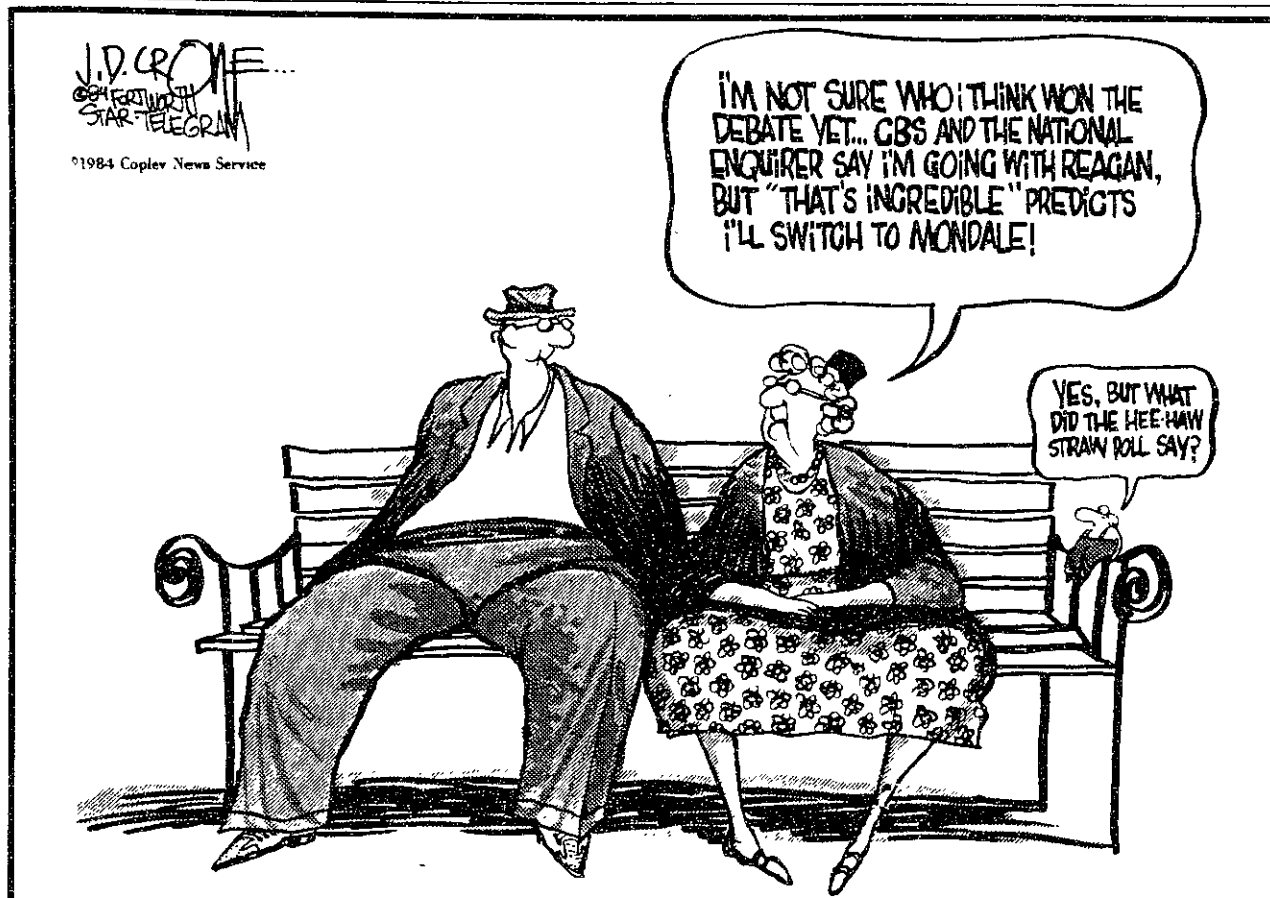
Christopher Y. Kim '85, Arthur Lee '85, Victor J. Diniak '86, Janice Marchiafava '88, Paul Paternoster '88.

PRODUCTION STAFF FOR THIS ISSUE

Night Editor: Andrew S. Gerber '87
Staff: Ronald E. Becker '87, Greg Troxel '87, Elsa Chen '88, Mark W. Eichin '88, Eric N. Starkman '88, V. Michael Bove G.

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 \$12.00 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 © 1984 The Tech. Printed by Charles River Publishing, Inc.

opinion



Column/Andrew Bein

Mondale's chances slim

After his first debate with President Ronald Reagan, it appeared that Democratic candidate Walter Mondale might have begun riding a wave that would lift him to victory over his favored adversary. Such speculation is over now. Behind in 46 states, and with Democratic party officials almost admitting defeat, Mondale's presidential hopes are doubtful.

Lack of personal magnetism has not helped Mondale. While Reagan's wrinkled Hollywood charm turns some off, it endears him to many and allows his occasional factual slips to be forgiven. Mondale, on the other hand, attracts few with lifeless speeches delivered in a broken voice. Recently his oratory has improved, but not to the extent needed to electrify voters the way Reagan has.

Despite its clear effect on the campaign, however, it is hard to believe Reagan's charisma is the only reason he is over ten points ahead in the polls.

The issues count in this campaign. They are clear-cut, and the electorate is divided on them. Analysts report a solid 55 percent of the electorate is for Reagan, with 40 percent for Mondale and very few undecided.

But perhaps nothing has affected Mondale more adversely than his pledge to raise taxes. During the Democratic Convention, the pledge was a dramatic gesture — the newly-crowned candidate, fresh from victory in the primaries, speaking of Reagan's "secret plan" to raise taxes while he crowed "He won't tell

you. I just did."

Of course, Mondale's goal in a tax increase wouldn't be to further burden Americans with more expenses, inflation, unemployment, and just plain less money to go around; it would be to reduce the high federal government budget debt, which is now equivalent to a stack of \$1,000 bills, 107 miles high.

Yet to most voters, the concept of such a gigantic national debt is about as abstract as general relativity. Compared to the other economic issues, especially for voters who remember the painful inflation of the Carter-Mondale era, the national debt pales. Walter Mondale's emphasis on the debt hurts him, and his proposal for a solution to it digs his Election Day grave.

With the economy as his biggest asset, Reagan's biggest liability for many is his policy on national defense and arms control. Of course, neither candidate plans to stop the manufacture of nuclear weapons: Mondale's nuclear freeze could never be satisfactorily verified under his guidelines. But Mondale supporters perceive Reagan as desiring an offensive weapon arms race despite his support for the wholly defensive "Star Wars" technology.

The Star Wars system, maligned by Mondale throughout the campaign, would be an invaluable protection against nuclear weapons, not only those originating from the Soviet Union, but also from terrorist countries like Libya. were they to obtain atomic missiles.

Editorials, marked as such and printed in a distinctive format, are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors, and opinion editors.

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

Letters to the Editor are welcome. They should be addressed to *The Tech*, PO Box 29, MIT Branch, Cambridge MA 02139, or by interdepartmental mail to Room W20-483. Letters should be typed and bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters. We regret we cannot publish all of the letters we receive.

OUR TWO-WEEK SPECIALS ENDING NOVEMBER 10th

POLLENEX Air Cleaners/ Deodorizers

Model #199 \$14.95
Model #149 \$11.95

HALLMARK Candles and Glass Holders

Votive 40% Off

DRISTAN Ultra Cold Capsules

16's \$2.97

FLEX Shampoo Normal

15 oz. \$2.29

GIFT BAGS Everyday

10's \$.89

REACH Toothbrushes

\$1.29

HOT POT Electric

4-Cup \$6.99

DURACELL Batteries Sizes C & D

2's \$1.98

KENDALL DRUGS

Your MIT Community Drug Store

492-7790
238 Main Street

Kendall Square
Cambridge, MA

Does your car or light truck need brakes?

FIND OUT FREE!!

BRAKE SYSTEM INSPECTION

FREE WITH COUPON

1. Pull all 4 wheels
2. Inspect drums, brake shoes and cylinders
3. Inspect disc pads, rotors and calipers
4. If any repairs are necessary we will give you a written estimate. You decide if you want the repairs made.

PLEASE CALL FOR APPOINTMENT

**GUARANTEED
Disc Brake
Service
\$69**

If semi-metallic disc pads are required, add \$14

Includes new front brake pads, new grease seals, wheel bearings repacked, front rotors resurfaced, master cylinder and hydraulic system checked. Also check rear brakes and road test car. For imported and U.S. cars with conventional rear-wheel drive. Prices will vary for front-wheel drive, depending on vehicle model.

BRAKE KINGS

THE BRAKE SPECIALISTS 864-1111

808 Memorial Drive
Cambridge, MA

WE WILL MEET OR BEAT ANY WRITTEN ESTIMATE

BRAKE SHOES & PADS ARE GUARANTEED
FOR AS LONG AS YOU OWN YOUR CAR

SERVICE SPECIALS

DRUM BRAKE OVERHAUL

1. Install New Linings 2. wheels
2. Precision Grind Drums
3. Adjust all brakes
4. Road test car

SAVE \$20.00

\$59.88

With Coupon
MOST CARS
ADDITIONAL PARTS EXTRA IF NEEDED

COOLING SYSTEM FLUSH

We will back flush your cooling system, install up to 2 gallons of anti-freeze, check all belts, hoses, and clamps. Additional parts & labor extra

Most American &
Foreign Cars and
light trucks.

\$19.00

Lube, Oil Change & Filter

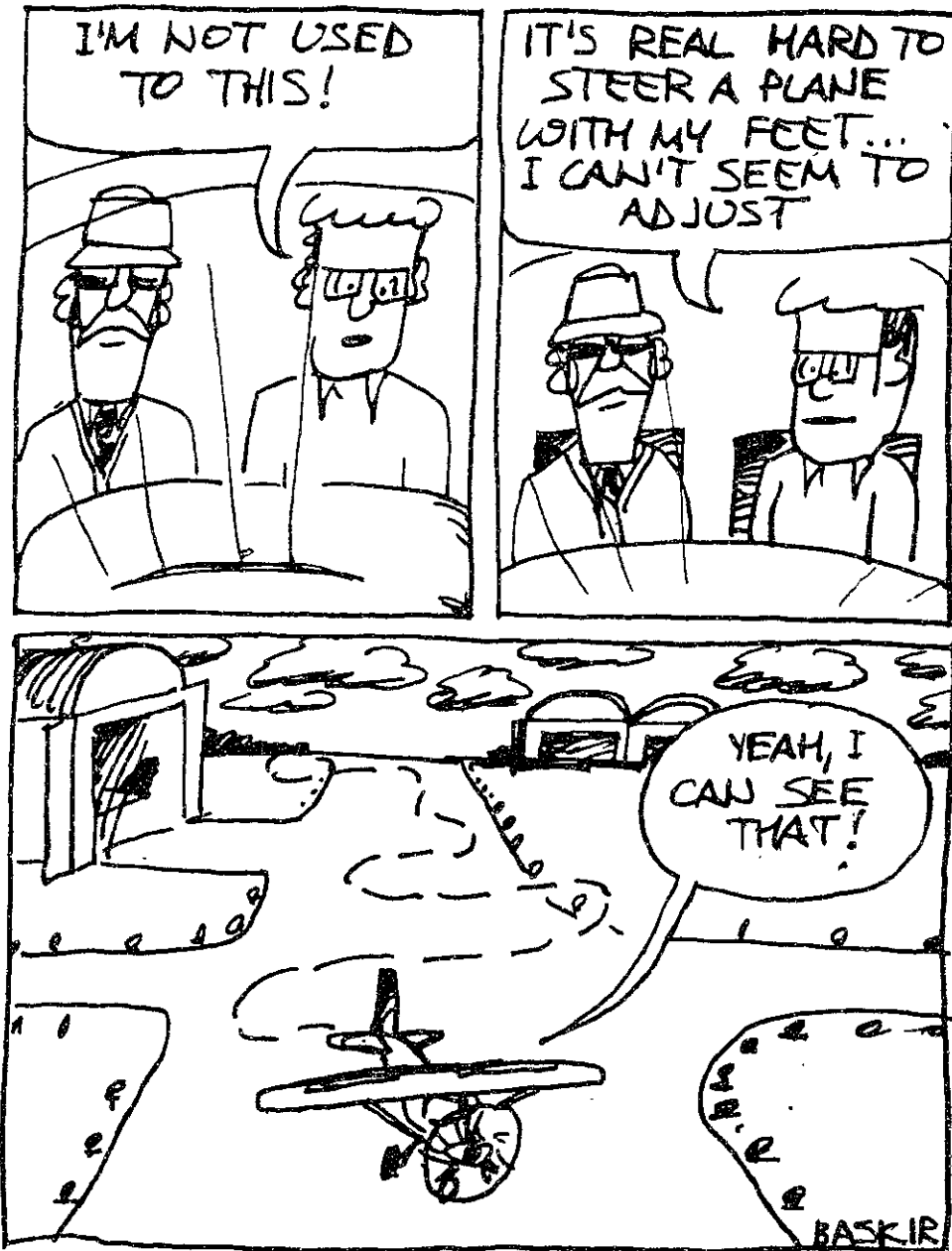
Oil Filter
Chassis lubrication
Up to 5 quarts of famous Sunoco brand 10/30 motor oil
10/40 Oil \$1.00 extra
Diesel oil cap and filter type may effect price

\$19.95

PUROLATOR
FILTERS

OFFICIAL MASS. INSPECTION STATION 2563

Stickles
By Geoff Baskir



You've come a long way, baby



and 9 months of good prenatal care has gotten you here

A healthy start in life is a gift only you can give your baby. If you're pregnant, visit your doctor or clinic early and often.

For more information, contact:



This space donated by The Tech

Identity!

Engineers, mathematicians and physicists
aren't just numbers at LTV Aerospace and Defense in Dallas.
Identity is preserved, individuality encouraged.

When you work in a smaller aerospace company you have a better chance to become known. To move up in responsibility. To achieve your career goals. Particularly when you're working with a small project group of professionals on high visibility projects within the company.

LTV Aerospace and Defense encourages this creative environment and stresses self-development in its two Divisions: Aero Products (6,600 employees) and Vought Missiles and Advanced Programs (3,400).

Cosmopolitan Dallas — a young person's town

Heard about Big D? The average age of downtown employees is 26. It's the cultural center of the southwest with fine schools, and colleges where you can pursue an advanced degree. Population 844,000. No state income taxes and one of the lowest costs of living of any metropolitan city in the U.S.

*We are an equal opportunity employer m/f.
U.S. Citizenship required.*

We will be on your campus recruiting Engineers

November 15.

Mechanical Engineer/Aerospace Engineering, Electrical Engineering

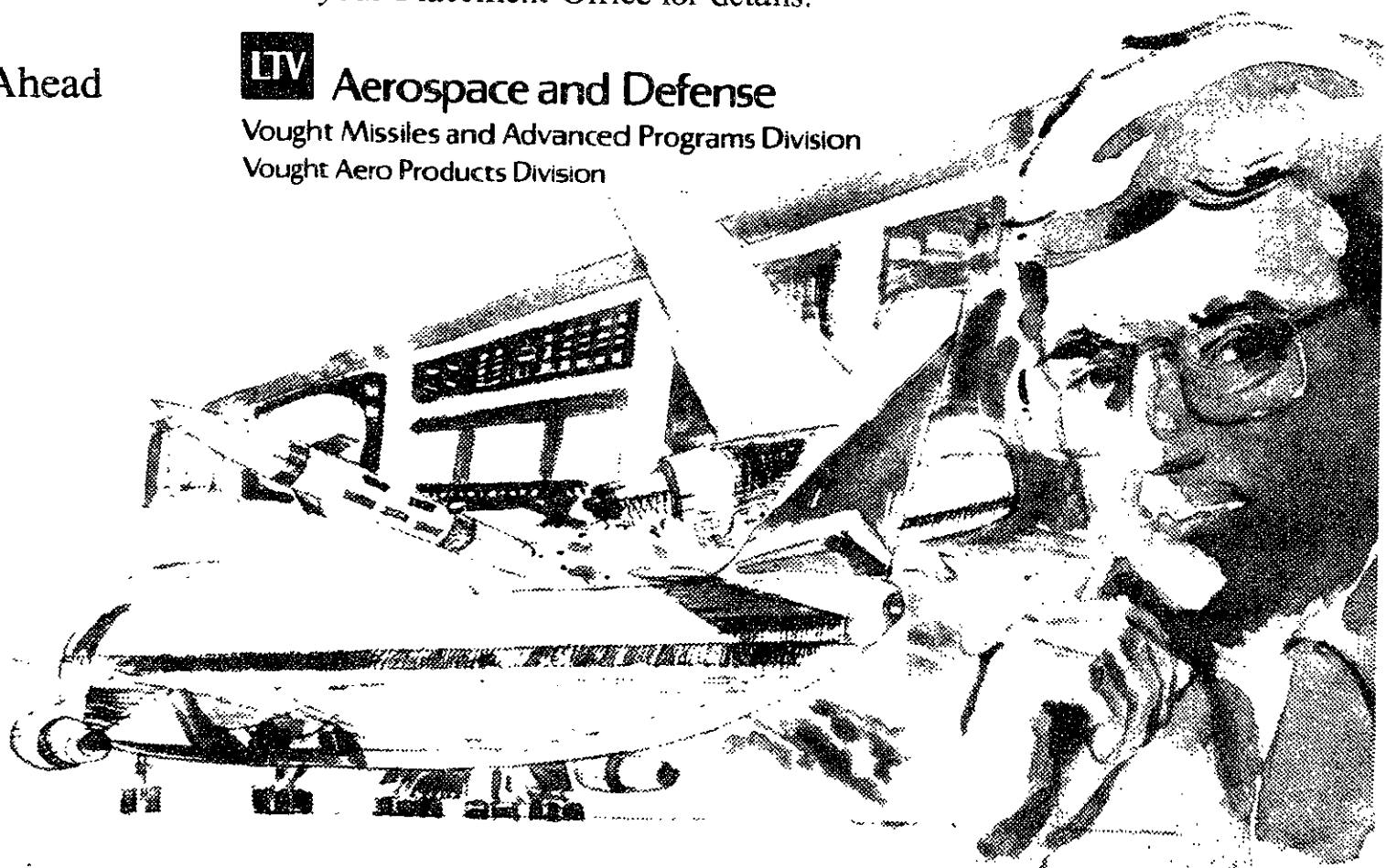
See your Placement Office for details.

Looking Ahead



Aerospace and Defense

Vought Missiles and Advanced Programs Division
Vought Aero Products Division



opinion

No room for poor in Reagan's world

(Continued from page 4)

In fairness to Reagan, I will grant he has good intentions, and he feels that in the long run, the poor, too, will benefit. But the fact is that the gap between the poor and the affluent is widening, not narrowing. And it is clear from the Reagan administration's remarks that it has an incredibly unrealistic perception of the hard facts of poverty.

Reagan glibly attributes the increase in the number of homeless to people voluntarily choosing to live free from the bureaucratic hassles of owning or renting a place to live, while Edwin Meese declares there is no hunger in America. Such statements make it clear that the poor are no priority for the Reagan administration.

Nor is it possible to make a case for the growing disparity in incomes being a necessary sacrifice to "get us headed in the right direction," of governmental austerity. Nowhere is it engraved in stone that *laissez-faire* economic policy is necessarily good economic policy, or that countries that spend a lot on social programs are bound to have mired economies. Such a belief is nothing more than an article of faith often contradicted by the facts of history. It was, after all, that supposedly golden age of governmental "non-interference" that Reagan always talks about which gave us the Great Depression. And, as MIT economist Lester Thurow notes in *The Zero-Sum Society*, "our best economic decades were the 1940s (real per capita GNP grew 36 percent), when

the economy was run as a command (socialist) wartime economy, and the 1960s (real per capita GNP grew 30 percent), when we had all that growth in social welfare programs."

We must also remember European countries, which by and large have a far greater degree of "government interference" and government funding of social programs than the United States, which among industrial nations has the fewest — not the most — rules and regulations. Yet Switzerland, Denmark, West Germany, and Sweden all have per capita GNP larger than ours, and income distribution with much less inequality.

Yet Reagan goes blithely on his merry way, mechanically repeating his speeches about getting government off our backs. We have a renewed confidence in our economy, he says, and are "standing tall," back on our way to "greatness."

Well, those who are in that most affluent quintile may be feeling confident. And if they don't mind getting richer on the backs of the poor who are getting poorer, they may feel like standing tall. If that is the type of economic greatness we are looking for, then maybe we should reelect Reagan.

But there is another kind of greatness, too. That is the greatness that is measured in compassion. With this greatness we move forward by elevating our fellow man, instead of stepping on him. That is what I believe is America's greatness.

LAST CHANCE



Senior portraits will be taken now through Friday only.

After this Friday, there will not be any more sittings.

If you want your senior picture in TECHNIQUE 1985, call us at 253-2980 to reserve a sitting time.

We'll be having sittings from 9 AM to Noon and 1 PM to 5 PM.

TECHNIQUE.

The SCC 24-Hour Coffeehouse has an immediate opening for a COFFEEHOUSE MANAGER.

To apply, call James Person or Mark Brine in the SCC office (3rd floor Student Center, W20-347, x3-3916) to arrange for an interview. Call or stop by: **Thursday 12-2pm, Friday 12-2pm, Saturday 10-12noon, Sunday 5-6:30pm, Tuesday 12-2pm**, or leave a message at any other time.

The job is open to ambitious and hardworking MIT undergraduate and graduate students. It's great work experience (looks good on a resume), provides flexible hours, and a generous salary of \$135.00 per week.

You must be an MIT student, be available to work over IAP, and living close to MIT is a plus.

Discuss Your Future With General Electric

Who?

BS and MS candidates in electrical engineering, computer science, mechanical engineering, chemical engineering, aeronautical engineering and nuclear engineering.

What?

The General Electric Technical Recruiting Team will be conducting campus interviews for challenging career opportunities within one of the most diversified companies in the world. Contact your placement office to schedule an interview with one of our technical managers. Various entry level alternatives are available such as:

- Edison Engineering Program
- Manufacturing Management Program
- Chemical-Metallurgical Management Program
- Software Technology Program
- Individualized Direct Placement

Opportunities exist in such fields as:

- Artificial Intelligence
- Expert Systems
- VLSI
- Robotics
- CAD/CAE/CAM
- Computer Graphics
- Plastics
- Metallurgy
- Ceramics
- Software Engineering
- Signal Processing
- Controls

For more information on these programs and the major business areas available refer to the General Electric file located in your placement office.

When and Where?

Tuesday, November 6th and Wednesday, November 7th in your placement office

What else?

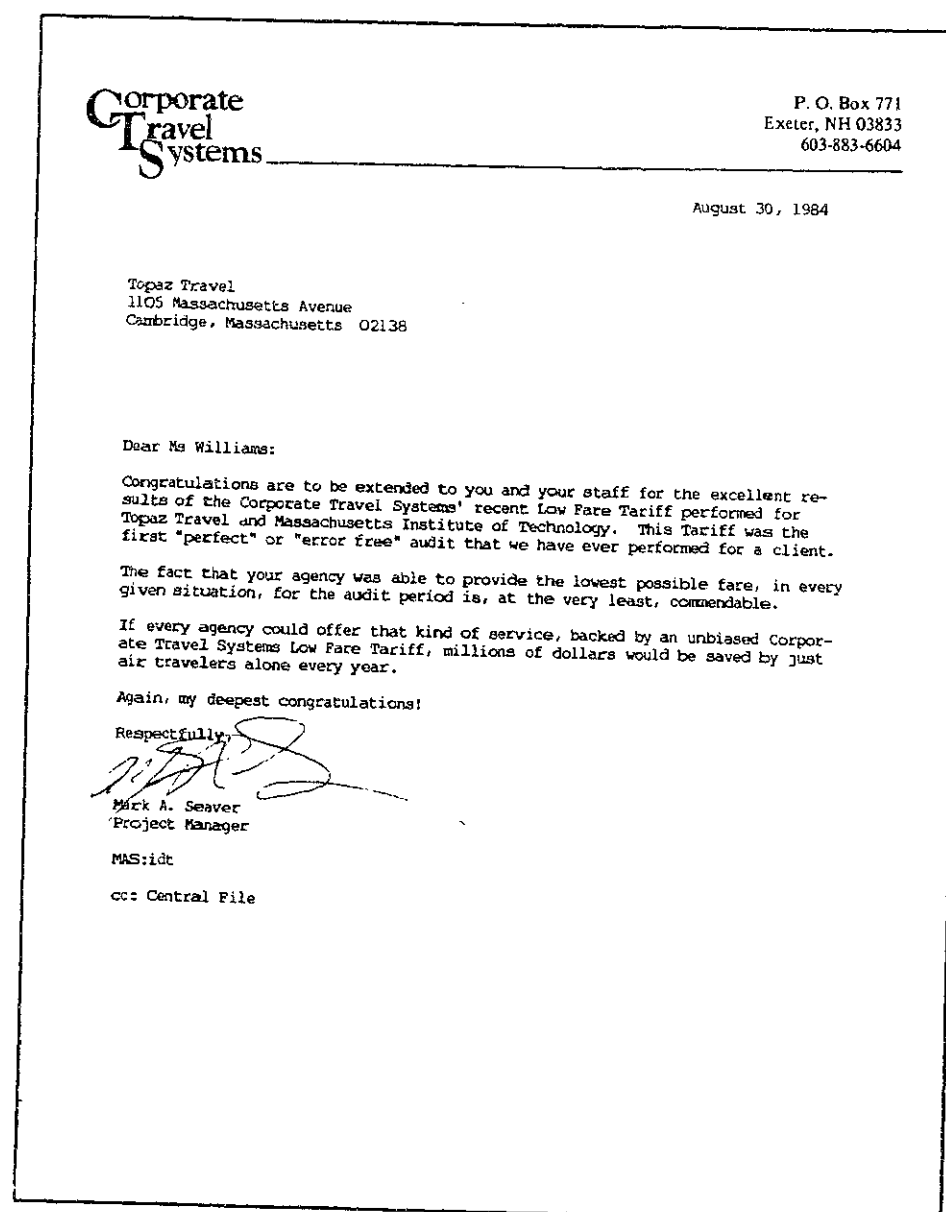
Sign-ups will commence Monday, October 15th

The future is working at General Electric



An equal opportunity employer

We back our guarantee for the lowest available airfare with an independent audit.



What does your travel agent do?



MIT 3-3004

1105 Massachusetts Avenue, Cambridge

An MIT Authorized Travel Agency

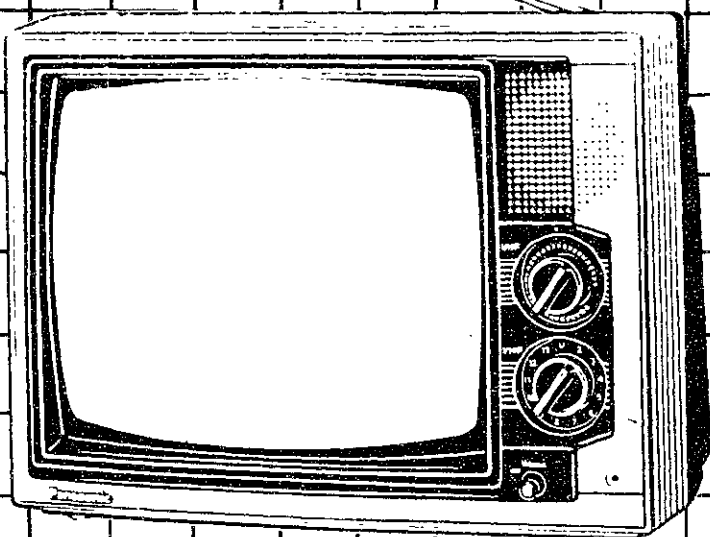
Ask about our special student fares too!

AN **AA SABRE**® AUTOMATED AGENCY



Tech photo by Shari Jackson

Things are looking up for a youngster from Westgate at a Halloween party last Friday night at Tang Hall.



Panasonic

TO ENJOY TIME AND AGAIN

SAVE \$25 PANASONIC B & W TV

Enjoy the reliability and convenience of this 12" diagonal measure TV with the "Quick-on" picture and sound. 100% solid state construction and completely portable.

Reg. 99.95

NOW 74.95

SAVE \$100 EMERSON VHS FORMAT VIDEO CASSETTE RECORDER

VHS front load VCR with concealed control panel for up to 3 event/14 day programming. Features 3 tape speeds for up to 8 hours of record or playback and a 10 function wired remote.

Reg. 499.95

NOW 399.95

SAVE \$3 SCOTCH 3M VIDEOCASSETTES

For the most accurate color and clarity, choose the tapes used by major networks from the manufacturer who developed it, 3M. T-120 or L-750.

Reg. 8.99

NOW 6.99 PLUS Mfr'r \$1 Rebate, Final Cost 5.99

Available at Harvard Square, MIT Student Center, Children's Medical Center and One Federal St., Boston Coop Charge, Mastercard, Visa and American Express always welcome

HARVARD
COOPERATIVE
SOCIETY

the
Coop

ENGINEERING POSITIONS AVAILABLE

Product Design, Production Engineering, CAD/CAM

Interviewing BS/MS in ME, EE, AERO, MatlsSci, CompSci

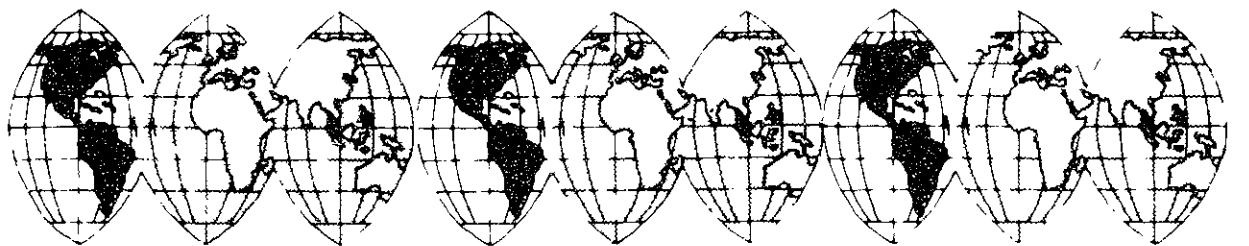
Mon. and Tues., Nov. 5 and 6
MIT Placement Office, Room 12-170

Company Presentation & Reception

5:00p.m. - 7:00p.m. Mon., Nov. 5, Room 4-149
Refreshments & snacks available



General Motors Corporation
An Equal Opportunity Employer



Train With Us and Take a Great Career Home With You.

Chase is now hiring foreign national candidates who are interested in exciting and rewarding careers in their home country as Commercial Lending Officers. We are seeking individuals with an exposure to business and/or finance to take advantage of this unique opportunity to join our Global Financial Network.

Your career will begin with a 3-6 month period of orientation and on-the-job training at the Chase office in your home country. From there you will spend 10 months at Chase headquarters in Puerto Rico where you will attend our highly renowned intensive Credit Training Program in financial analysis and lending.

We're interested in meeting with foreign nationals from the following countries, who are interested in applying their expertise at home:

Bahamas • Canada • Chile
Dominican Republic • Panama
Peru • Puerto Rico • Virgin Islands

Interested individuals may contact Dr. Cheryl L. Abbott, Assistant Director For Placement Services, prior to November 2nd at Northeastern University, 133 Nightingale Hall, 360 Huntington Ave, Boston, Mass, 02118, to meet with a Chase representative at Northeastern University on November 9th.



An Equal Opportunity Employer E M H

**YOU RING
WE BRING...**

PizzaRing

**ANNOUNCES
ITS GREAT
GRAND OPENING
ALWAYS FREE DELIVERY
ALWAYS FREE SODAS
864-0188**

MENU

	SMALL	LARGE
CHEESE	4.19	6.47
1 ITEM	4.94	7.42
2 ITEMS	5.69	8.37
3 ITEMS	6.44	9.32
4 ITEMS	7.19	10.27
ADD. ITEM	.75	.95
P.R. SPECIAL (9 ITEMS FOR PRICE OF 5)	7.94	11.22

TOPPINGS

PEPPERONI - BEEF
SAUSAGE - HAM
MUSHROOM - ONION
GREEN/HOT PEPPERS
GREEN/BLACK OLIVES
ANCHOVIES
ALSO
EXTRA CHEESE &
EXTRA CRUST

SUN - THUR 4 P.M. — 1 A.M. FRI. & SAT. 4. P.M. — 2 A.M.
212 WESTERN AVE. CAMBRIDGE

**GREAT
GRAND
OPENING
SPECIAL**

PRICES DO NOT INCLUDE TAXES

Small Cheese Pizza &
One Item plus
FREE SODA
ONLY **349**

EXPIRES NOV. 6, 1984

YOU MUST ASK FOR
GRAND OPENING SPECIAL

ARTS

Good music

MIT Chamber Players, Kresge Auditorium, October 28.

Marcus Thompson, Director of the MIT Chamber Players began Sunday's program by conducting Bach's *Brandenburg Concerto No. 1*. The ensemble seemed uncomfortable for the first movement, but came together for a timeless *adagio*. Lonely, detached from the rest of the world, Kathy Winkler's solo violin playing had a particularly intense effect, which was magnified by carefully-measured wind performances. Luz Martinez-Miranda G's harpsichord work was impressive too.

In the third movement the ensemble seemed disjointed again, but playing was spirited, nonetheless. The *menuetto* began with nicely-balanced and studied solo wind playing, but lapsed into untidiness and lagged towards its conclusion.

Pianist Patrick Yacono '85 put in a distinguished performance of Beethoven's *Trio for Piano, Clarinet and Cello*, Op. 11, and was well-paired with clarinetist Stephen Umans and cellist Beth Pearson.

There was a nice lilt to the *adagio* cello entrance, matched by an inspired repetition of the melody begun by Pearson on Umans' clarinet. Yacono nimbly held together the concluding theme and variations.

But the most successful work on the program was Brahms' *Trio in C*, Op. 87, played by a group with a keen understanding of the needs of chamber music. The first movement was marked by fluent solo violin playing by Kathy Winkler; the *andante con moto* drew power from the effective matching of Winkler's violin and Pearson's cello against Monty McGovern's piano. The third movement, which began with suspense, was both intensely developed and finely colored.

The interplay between instruments in the *finale* was totally pleasurable: the warmth of cello, pace of piano and virtuosity of violin kept the listener rapt until movement's end.

Jonathan Richmond

Good singing

The Greater Boston Invitational Songfest, with the Jackson Jills, the Logarhythms, and the Chorallaries; October 27.

I used to think anyone could put together a successful barbershop ensemble. It wouldn't matter if the participants were completely tone-deaf as long as all the other ingredients of the barbershop ensemble were there: a tall bass; a short tenor (or soprano); an Ernie-and-Bert duo; a standup comedian or two; someone who can imitate Top 40 singers; and someone who can make a noise like a duck. The

snap from comedy to songs and back without missing a beat) and innovative arrangements helped hold the audience's interest, the main attraction was the distinctive Log sound, which gives the simplest folksongs some of the majesty of Handel's *Messiah*.

One of the nicest moments in the concert was when the Logs invited their alumni, one of whom was accompanied to the stage by his dog, to join them in a medley of "Tech songs." The audience realized halfway through "Arise Ye Sons of MIT"



only musical requirement would be that each song must be preceded by a joke and a pitch-pipe tone, neither of which need bear any relation to anything in the song.

Then I went to this year's Greater Boston Invitational Songfest.

In a move that may have been an attempt to give equal time, the Logs and Chorallaries invited the Jackson Jills to open the show instead of the Tufts Beelzebubs, who usually kick off the GBIS. (Jackson is to Tufts as Radcliffe is to Harvard: engulfed.)

There may be some exceptional singers in the Jackson Jills, but they were buried by the fuzzy harmony and dull arrangements. The group seemed to have trouble with more than two parts and often sounded as if they were singing out of their range just so they could parody a popular song (one result: "Break Dancing is Hard to Do"). The result was rarely worth the strain.

Their comedy monologues were more entertaining. Appearing in Halloween costumes ranging from a carrot to Sam Spade, the Jills made fun of themselves ("We were thinking of changing it to the Michael Jackson Jills but none of us can sing that high. . .") and MIT ("My brother went to MIT." Applause. "He dropped out." Wild applause.)

The Logarhythms took the stage next, filling 10-250 with their warm harmonies of traditional tunes. While the Logs' crack choreography (they were the only group to

that they were supposed to be standing, and then had to sit down again almost immediately when the Logs swung into "Take Me Back To Tech." When they sang Brahms' "Lullaby," I hoped it was a replacement for their "Viking rape" song (in which they kidnap and serenade a "female volunteer" from the audience), but they turned out to be saving that for the encore.

The Chorallaries continued this audience involvement, asking Professor Alvin Drake to lecture on the material they had interrupted when they performed in his class Friday. (He declined). They invited their alumni, which also included the guy with the dog, to sing "The Engineers' Song"; I won't spoil the wonderful musical joke in their arrangement by telling it here, but if you've never heard it, go hear the Chorallaries or listen to their album, *Making it in Massachusetts*.

I look forward to the Chorallaries' next album, which will have to contain their encore of Saturday's concert, the sure-fire hit "Jacques Cousteau (How Low Can You Go)." Some of the older songs in their repertoire (notably the slow "Here's That Rainy Day") should be given a long rest, but what they sing is not nearly as important as the way they perform. The Chorallaries sound as though they could hear a song once and perform it immediately, improvising harmonies as they go. They do the hardest thing of all: they make barbershop sound easy, as if anyone could do it.

Diana ben-Aaron

Good choice

Choose Me, Written and directed by Alan Rudolph. Opens Friday at the Nickelodeon.

An advice-for-the-love-lorn talk show hostess who has never herself been in love, a man who kisses only women he wants to marry, and a bar owner who has as many men as she needs but is afraid to marry any of them team up to make this new comedy by Alan Rudolph a delightful experience.

Genevieve Bujold, who appeared in such films as *Coma* and *Tightrope*, stars in the role of Dr. Nancy Love, hostess of the popular radio talk show "The Love Line" and dispenser of advice to thousands. She winds up becoming roommates with Eve (Lesley Ann Warren), a bar owner and frequent caller of "The Love Line," although neither is aware of the other's connection to the show.

The two women independently meet up with Mickey Bolton, an escapee from a mental hospital filled with seemingly unbelievable stories ranging from his being a professor of poetry at Yale to his being a spy in the USSR. Bolton, played by Keith Carradine, has a very healthy interest in women. He also has, strangely enough, an overly exuberant interest in marrying those women he kisses.

Billed as "an adult comedy," *Choose Me*'s humor stems from the improbable re-

lationships and interconnections among all of the major characters, from the obvious, yet still subtle ironies in the plot twists, and from the sharp contrast between the two women as they discover the meaning that love and sexuality have for them.

Rudolph capitalizes on Bujold's talent as an actress, casting her as a slightly unstable psychiatrist seeking the understanding and happiness she has helped so many others reach.

The movie's major failing lies in the relationship between the roommates. The two women are so completely different from each other that the idea of them managing to live together, even though their working hours keep them from seeing much of each other, borders on implausible. The two have such diverse backgrounds that Rudolph is forced to use the roommate relationship to link these two women before being able to establish the contrasts he exploits throughout the film.

Choose Me is not a movie to see if you are looking for light entertainment. The comedy in this film is serious, and Rudolph demands both thought and attention from his audience. Those who give it to him will find themselves drawn into the complexities of the relationships and issues he presents. Those who do not will be left behind long before the final credits roll.

Martin Dickau

Amazing fringe benefits...

★ When you review a book, movie, play, concert, or anything else for The Tech's arts pages you generally don't pay admission or any other fees. Translation: FREE.

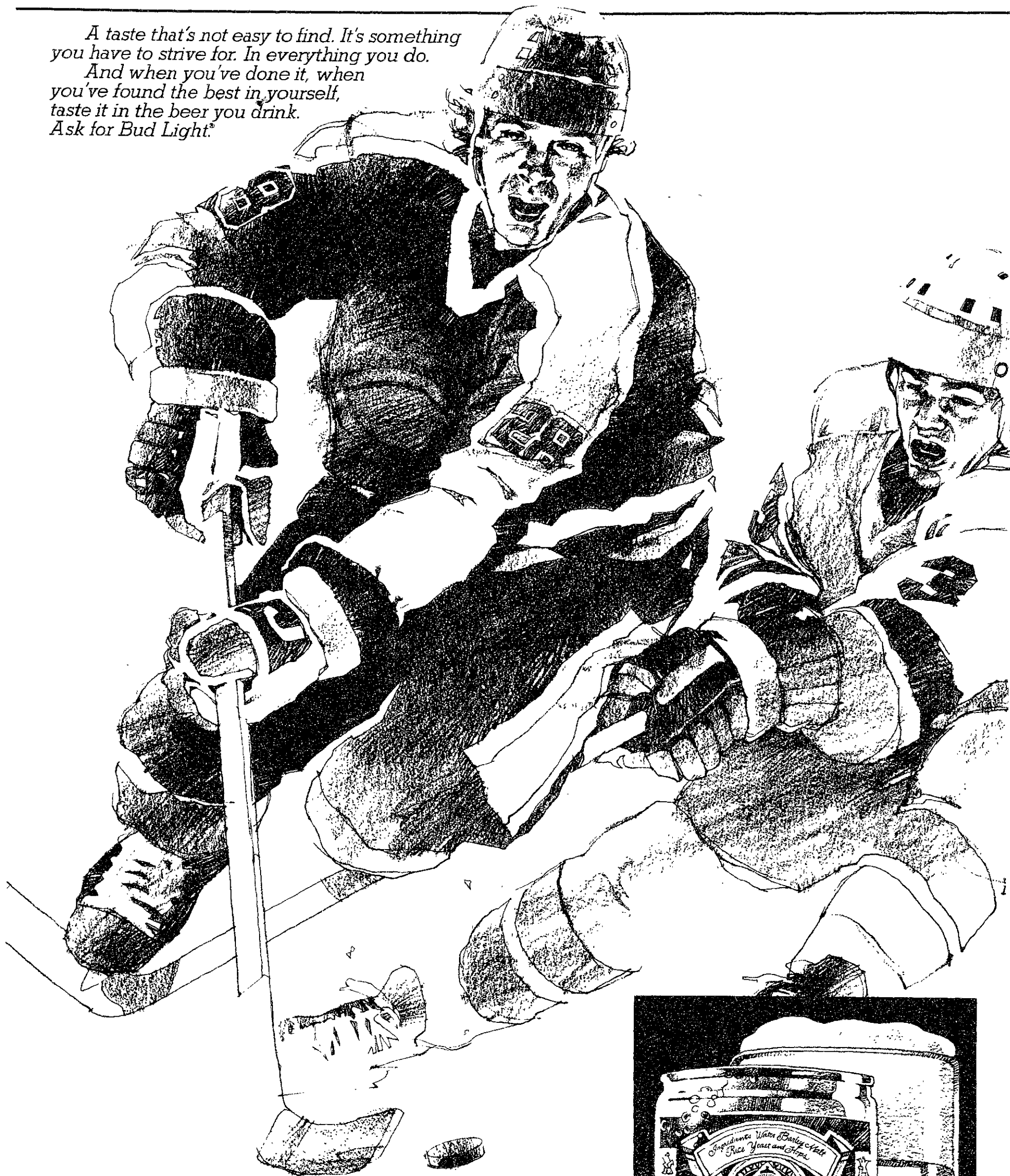
★ Furthermore, you provide a service to the MIT community and to yourself. Your interests as well as the interests of others are covered in these pages. We welcome contributions from all students.

★ If this has sparked your interest at all, call The Tech at 253-1541 and ask to speak to an arts editor or leave your name and telephone number. No obligation is involved. Even if you don't want to write reviews, we are interested in your point of view.

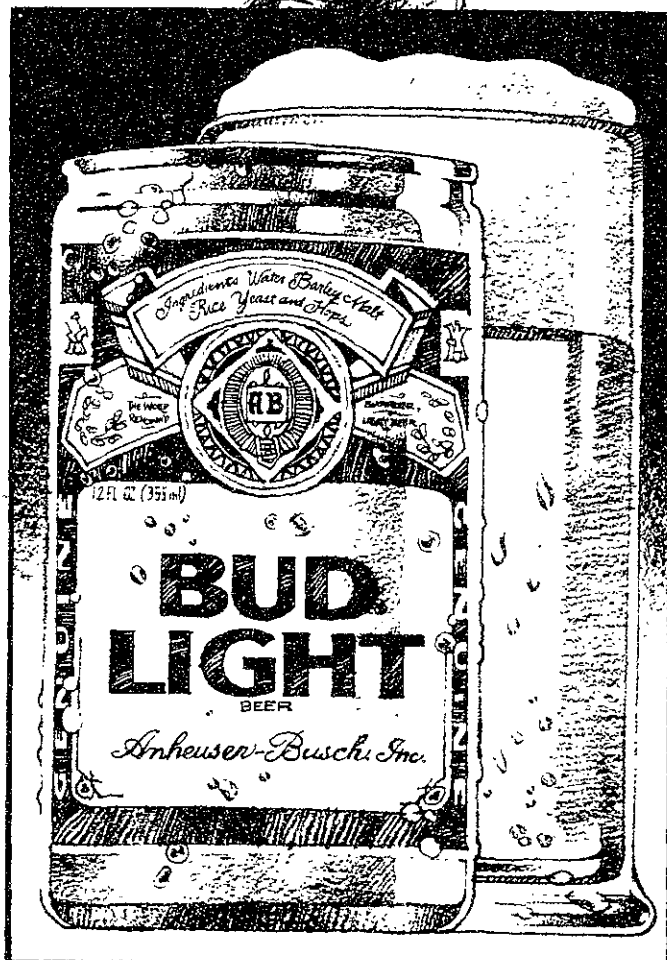
The best has a taste all its own.

A taste that's not easy to find. It's something you have to strive for. In everything you do.

*And when you've done it, when you've found the best in yourself, taste it in the beer you drink. Ask for Bud Light.**



***Bring out
your best.™***



© Anheuser-Busch, Inc. St. Louis, Mo.

Berman to resign post at ODSA

(Continued from page 1)

Berman pursued "a number of successful activities on behalf of women students . . . which have kept the community and the ODSA aware of items relating to women," McBay said.

Berman's duties have included the supervision of the renovation of the Cheney Room, publication of *The Cheney Room Papers*, and working with students for Residence/Orientation Women's Interests.

She has also served as staff person on the Advisory Committee on Women's Students Interests

and as staff representative from the Student Assistance Services section of the ODSA and all women's groups on campus on the Women's Advisory Board.

She is also responsible for posting clippings on the Women's Notices Board in Building 3 and maintaining the Women's Notices kiosk in Lobby 7.

"I'm sure that I haven't been one hundred percent effective in my position," Berman said. "But I hope my efforts have reflected externally to MIT to encourage women to come and internally to those here to stay."

Stanford MBA

**REPRESENTATIVE
COMING TO CAMPUS
FRIDAY, NOVEMBER 9**

A representative of the Stanford Graduate School of Business will be on campus to discuss with interested students the exceptional educational opportunity of the Stanford MBA Program.

Appointments may be made through
The Career Planning and Placement Office

The Stanford MBA Program is a two-year general management course of studies designed for men and women who wish to develop management skills to meet the broad responsibilities required in both the private and public sectors today and in the future.

**GRADUATE SCHOOL OF BUSINESS
STANFORD UNIVERSITY
Stanford, California 94305**

ELECTRICAL ENGINEERS

MECHANICAL ENGINEERS, CHEMICAL ENGINEERS, PHYSICISTS

Our recruiter will be visiting your campus on

November 15

Contact the job placement office for
interview times and appointments.

Judge the patentability of scientific and engineering discoveries made
by R & D engineers, inventors and scientists world-wide as a

PATENT EXAMINER

in Washington, D.C.

The Patent and Trademark Office has unique career opportunities offering • Challenge and responsibility • Career growth • Outstanding career Federal Government service benefits

For more information about your career as a Patent Examiner contact:

Manager, College Relations
Office of Personnel
Patent and Trademark Office
Washington, D.C. 20231

Call toll-free 800-368-3064
(703) 557-3631 (Collect in VA)



An Equal Opportunity Employer m/f • U.S. Citizenship Required

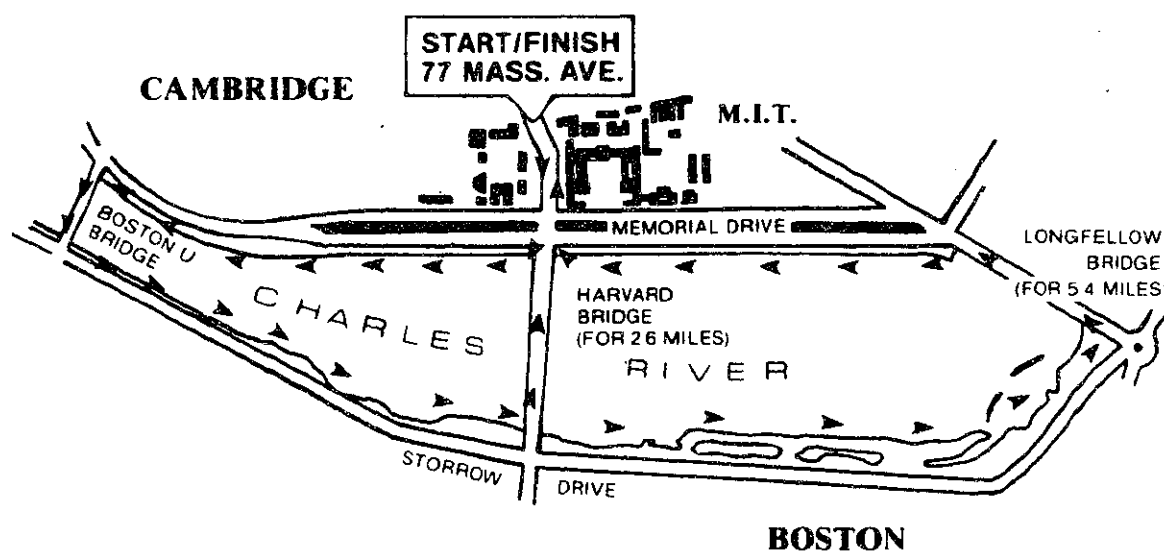
Join us for an afternoon jog

On Tuesday, November 6th and Wednesday, November 7th, representatives of General Electric will be interviewing on your campus. Please contact your placement office for schedule information.



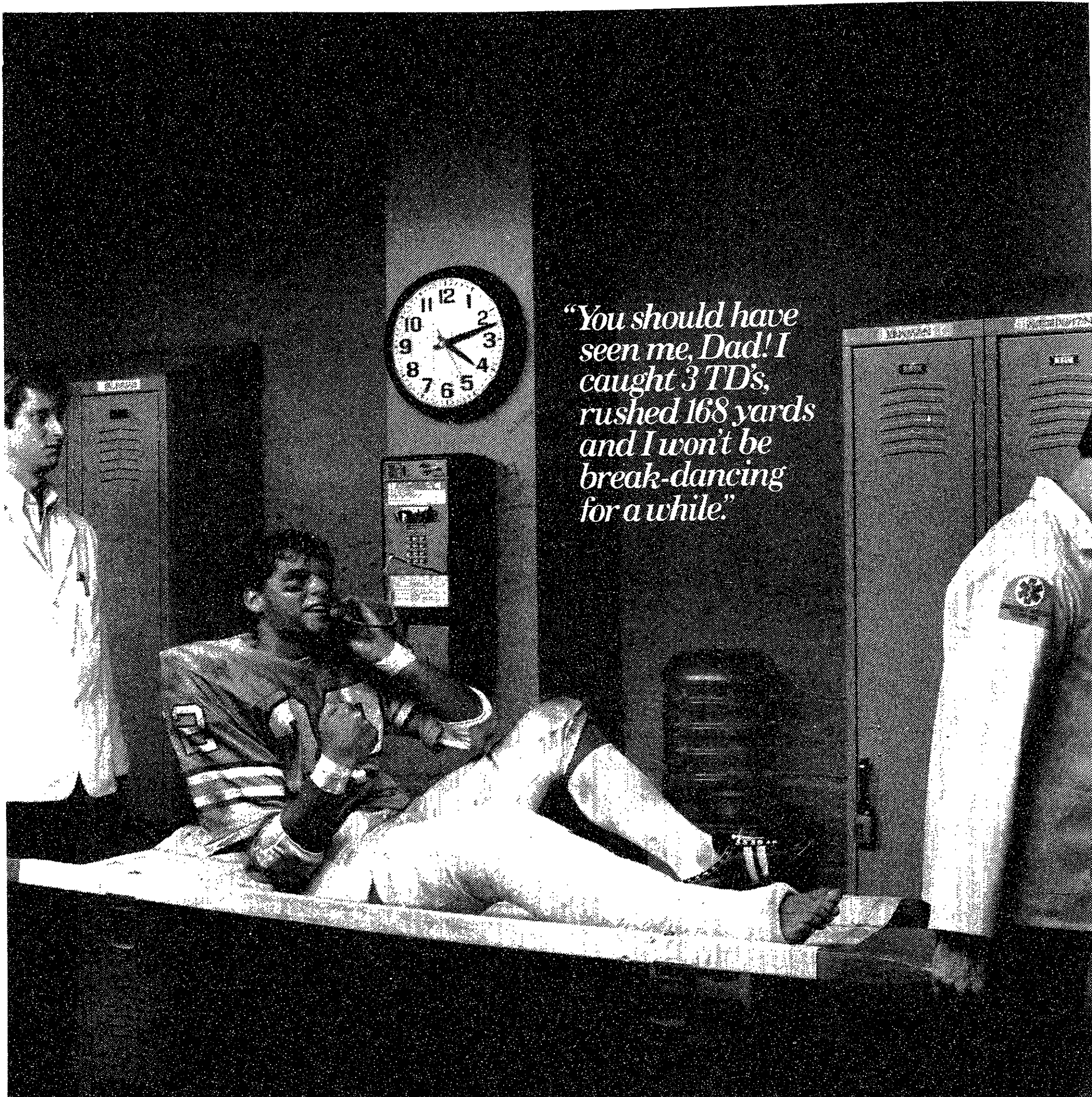
If you're interested in meeting our people in a completely informal setting . . . to find out more about the General Electric Company . . . it's technical work and career opportunities . . . put your track shoes on and join us and pick up an MIT/GE runner's shirt in the process. If for some reason you can't make it . . . just remember your interview with General Electric on Tuesday or Wednesday.

Our Technical Recruiters would like you to join them for an afternoon jog on Monday, November 5th. We'll begin at 77 Massachusetts Avenue at 5:30 p.m., jog down Memorial Drive to the Boston U. Bridge, cross over to Storrow Drive and head down to the Longfellow Bridge, cross back over to Memorial Drive and finish up our 5.4 mile jog back at 77 Massachusetts Avenue. Some of our managers will turn back up Massachusetts Avenue at the Harvard Bridge for a 2.6 mile run.

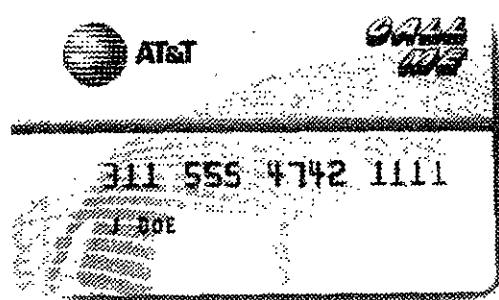


GENERAL ELECTRIC





THE AT&T CALL ME CARD. THE EASY WAY TO CALL HOME AND SHARE YOUR SMASHING SUCCESSES.



College is great for heroic exploits. Sometimes you get all the lucky breaks. And other times, well—

Don't keep your favorite fan club in suspense. Call home with the AT&T CALL ME Card. With it, you can get in touch with your family quickly and conveniently. Without the hassle of calling collect or fumbling for spare change. And since the

CALL ME Card lets you call one place and one place only—home—your parents are more than willing to pick up the tab. All your phone calls home with the AT&T CALL ME Card show up right along with Mom and Dad's other telephone charges.

GET A CLUE.

GET THE AT&T CALL ME CARD.

So be a hometown hero. Call home with the AT&T CALL ME Card. And let the folks know their favorite athlete hasn't forgotten where it all started.

Don't have an AT&T CALL ME Card yet? Mail the coupon at right to AT&T and we'll send an application home to your parents. Or phone:

1 800 CALL ATT, Ext. 50.

GET THE AT&T CALL ME CARD. THE BEST WAY TO CALL HOME. WHEN YOU'RE AWAY FROM HOME.

Call 1 800 CALL ATT, Ext. 50 to have a CALL ME Card application sent to your parents. Or complete and return this form to AT&T College Promotions, P.O. Box 49466, Atlanta, GA 30359.

Your Parents' Name _____

Address _____

City/State/Zip _____

Parents' Phone No. _____

Your Name (☐ Mr./☐ Ms.) _____

College _____

Check Class: ☐ Fr. ☐ Soph. ☐ Jr. ☐ Sr. ☐ Grad. ☐ U



sports



Tech photo by Dennis Cuy

A student drives through his round in the 1985 National Collegiate Driving Championships in the Kresge parking lot last Saturday. The event, sponsored by the Tech Sports Car Club, is a nation-wide on-campus promotion for the Dodge Daytona.

PSYCHOTHERAPY

Edward Jacobs, Ph.D.

Licensed Clinical Psychologist

- Individual and group therapy
- Flexible fee policy
- Insurance accepted

15A Channing St., Cambridge
864-6914

WHY PAY MORE?

THRIFTY RENT-A-CAR

HARVARD SQUARE
876-8900

BOSTON
367-6777

CENTRAL SQUARE
492-3000

Plus 7 other suburban locations to serve you!

UNLIMITED FREE MILEAGE
Confirmed reservation required.

Full Line of 1983 Chevrolets

"Never a
Mileage Charge"

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.

Zenith AMBER VIDEO Display Monitor #ZVM-122 and Zenith keyboard ZTX-11 built in modern new condition \$420 267-3040

NEED CASH? Earn \$500-plus each school year, part-time (flexible) hours each week placing and filling posters on campus. Serious workers only; we give recommendations. 1-800-243-6679

REWARD — Free Trip to Daytona plus Commission Money. **WANTED:** Organized group or individual to promote the #1 Spring Break Trip to Daytona. If you are interested in our reward call (414) 781-0455 or 1-800-453-9074 immediately! Or write **DESIGNERS of TRAVEL**, N.48 W.13334 W. Hampton Ave, Menomonee Falls, WI 53051.

DISSATISFIED? Are you a go-getter with no place to go? I need distributors for the finest nutrition program on earth. \$50,000 - \$100,000 realistic 1st year earnings. Call Pete Dockx at 267-5800.

COUNCIL TRAVEL/CIEE
USA's #1 Student/Budget Travel Agency. **FREE 1985 Student Travel Catalog**, Call 266-1926 or drop by! 729 Boylston St., Suite 201, Boston, MA 02116

Young Physician From India needs roommate share apartment near MIT and T. \$200/month heat included, available December first. Seek male non-smoker gay athletic. Write Omar, 186 Brookline # 67, Boston, 02215, lets become friends then roommates!

Pronunciation and Language Training for foreign speakers. Individualized evaluation and training to improve communication skills in the workplace or university setting. E. Crowder, M.S., CCC Sp/Lang Pathologist, 641-4167 or leave message.

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 Mon., Weds., Fri., 10 am - 1pm.

DUKE
THE FUQUA
SCHOOL
OF BUSINESS

MBA

The Fuqua School of Business at Duke University offers one of the finest available opportunities for unsurpassed professional management training. We are interested in men and women who have proven academic, leadership, and social abilities.

David L. Miller
Director of Admissions
& Financial Aid

of the Fuqua School
will be on campus

Friday, November 9

Appointment information may be obtained
by contacting:

Office of Career Planning
& Placement

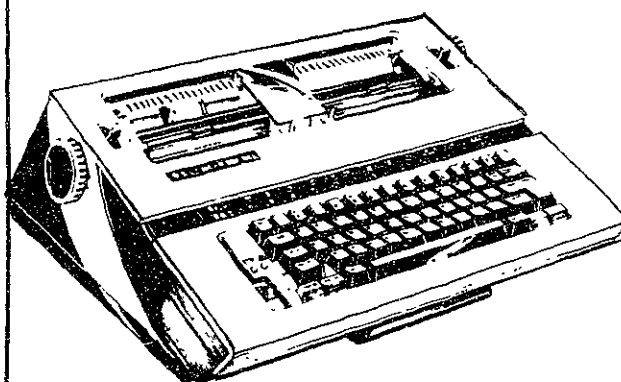
ELECTRONIC TYPEWRITER SALE



SCM SMITH-CORONA

SAVE \$120 SMITH-CORONA ULTRASONIC III. Whether you need it for a term paper, a Masters Thesis or daily business correspondence, this portable and electronic typewriter from Smith-Corona is the system for you. Features one-touch memory correction, interchangeable daisy print wheels, cartridge ribbon cassettes and up to 16 programmable tabs. Molded cover/case also included.
Reg. 519.95

SALE 399.95

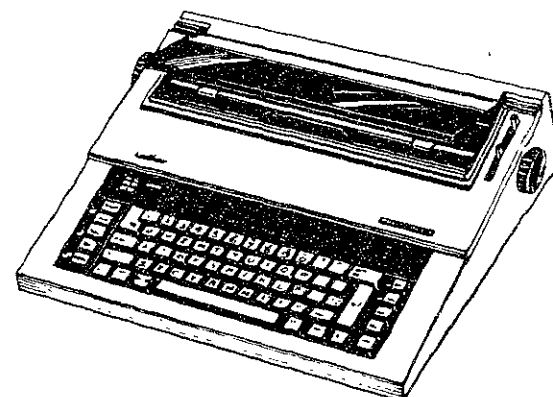


SILVER-REED

SAVE \$60 SILVER-REED EX-43.

A completely electronic system featuring interchangeable daisy wheels, one-touch memory correction, two pitch settings, auto-relocate and more, with an optional serial or parallel interface installed, the EX-43 doubles as a computer printer.
Reg. 429.95

SALE 369.95



brother

SAVE \$50 BROTHER CE-60.

A lightweight and reliable electronic system featuring automatic centering, scoring, decimal tabulation, relocation and more. Full-line correction capability and 3-character memory. Computer compatible with an optional module installed.
Reg. 499.95

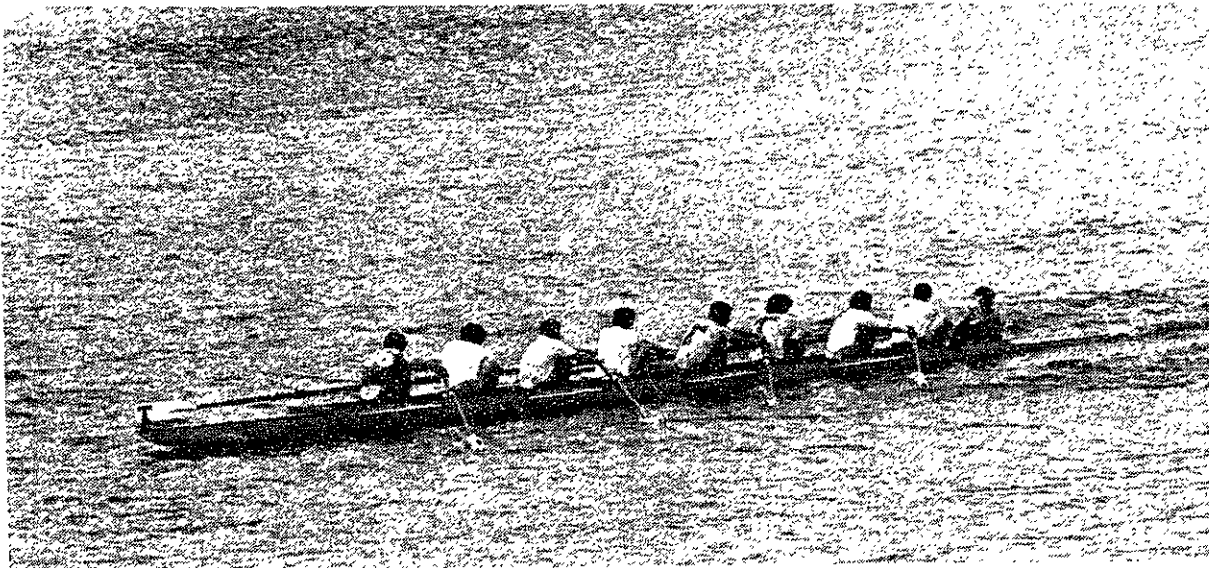
SALE 449.95

Available only at Harvard Square and MIT Student Center. Harvard Square store open Mon-Sat. 9:00 to 5:45, Thurs. till 8:30 pm. Coop Charge, Mastercard, Visa and American Express welcome.

HARVARD
COOPERATIVE
SOCIETY

**the
Coop**

sports



Tech photo by Mike Frey

The men's varsity heavyweight crew finished 5th in a regatta at Dartmouth College last Saturday.

Football drops third straight

By Martin Dickau

Turnovers and a host of injuries combined to overcome another outstanding defensive effort, as the football club dropped a 24-12 decision at Bentley College Saturday. The loss was the Engineers' third in as many games.

MIT defensive back Shane Arnold '88 set the defensive tone early with the first of his two interceptions. His effort gave the Engineers the ball on the Falcon 44-yard line, and MIT, thanks to a 22-yard sprint by quarterback Dave Broecker G and some strong running by Dan Curran '85, slogged through the mud and Speedi-Dri for the touchdown and a 6-0 lead.

The Falcons came back less than a minute into the second quarter to take a 7-6 lead, but the MIT offense threatened to regain the lead, marching on 16 plays to the Bentley two. A run for a short loss, and a sack moved the Engineers back to the 18 for the fourth down.

Peter Gasparini '88 was called in to attempt the field goal, but he was unable to get a good footing in the mud, and his kick fell short.

The defense kept Bentley corralled within the hosts' half of the field, and the punt gave MIT the ball on its own 23. The tide turned for the Engineers when Falcon defensive back Mark Skalla picked off a Broecker pass on the MIT 40 and took off for the end zone.

Broecker, finding himself the lone Engineer with a chance at averting the possible touchdown, caught up with the sprinting Falcon at the one-yard line. The MIT quarterback hurled himself into the ball carrier, but failed to knock him out of bounds before he crossed the goal line.

In the process of making the tackle, Broecker aggravated his separated shoulder and had to be

removed from the game. Gasparini, also the backup quarterback, was called into service. Broecker's injury compounded the plight facing the Engineer offense, which was without the services of tackles John Einhorn G and Dave Weissbein '88.

The score remained 14-6 until 3:55 in the fourth quarter when Bentley's Doug Tirrell kicked a 28-yard field goal to pad his team's lead to 17-6.

The Engineer offense was unable to do much, so the defense took the lead. Falcon tight end John Copponi could not quite reach an Eric Purvis pass, and in his effort, he tipped the ball into the hands of MIT defensive back John Dawley '87.

Dawley was standing on the Engineer 37 at the time, and, upon finding no one between himself and the goal, covered the 63 yards along the sideline in a burst of speed to bring MIT back to within a touchdown.

The Engineers' hopes for a comeback victory were dashed when Rich Douglas intercepted Gasparini's pass on his own 45, returning the ball 19 yards to the MIT 36. The Falcons ate up the clock with five running plays, finally scoring from 10 yards out

Bentley, 24-12

Bentley	0	14	0	10	--	24
MIT	6	0	0	6	--	12

MIT—Curran 2 run (kick blocked)
Bentley—Tiano 1 run (Tirrell kick)
Bentley—Skalla 40 int. return (Tirrell kick)
Bentley—FG Tirrell 28
MIT—Dawley 63 int. return (pass failed)
Bentley—Tiano 10 run (Tirrell kick)
Attendance—75

	Bentley	MIT
First downs	14	15
Rushes-yards	38-142	44-118
Passing yards	126	106
Return yards	140	140
Passes	22-10-3	24-8-2
Punts	4-138	6-172
Fumbles-lost	3-1	1-0
Penalties-yards	6-58	6-47

Individual Leaders
Rushing—Bentley: Tiano 10-56, Purvis, 9-37.
MIT: Ekberg, 9-41, Curran, 13-32
Passing—Bentley: Purvis 22-10-3-126. MIT: Gasparini 12-5-1-56, Broecker 12-3-1-50.
Receiving—Bentley: Maloney 4-56, Wessel 3-46. MIT: Jonas 4-62.

IM cycling results

Hauke Kite-Powell G, Steve Zale G, and Tom Chang '86 headed a field of 53 entrants in the annual intramural bicycling race held in Concord, Ma. Saturday. The race consisted of three laps around a 10.8 mile course for a total of 32.4 miles. The times of the three fastest riders of each team were averaged to determine the winner. The two teams from Phi Delta Theta dominated the race, placing first and second, while Nu Delta came in third. Thirty-four of the original 53 starters completed the 32-mile course.

Individual Results
1. Hauke Kite-Powell, Phi Deltas-A, 1:19:44; 2. Steve Zale, 1:19:45; 3. Tom Chang, Cyclon, 1:19:46; 4. Steve Potter, Phi Deltas-A, 1:19:47; 5. Bill Aiello, 1:19:49; 6. Jim Bowen, 1:23:15; 7. Rich Mastrangelo, Phi Deltas-A, 1:25:01; 8. Bob Hall, Nu Delta, 1:25:03; 9. Karl Ulrich, Phi Deltas-A, 1:25:04; 10. Allan Armstrong, ZBT, 1:25:06; 11. Kapui Yip, Phi Deltas-A, 1:25:07; 12. Jim Wilkerson, Phi Deltas-B, 1:26:18; 13. Joe Parrish, TDC, 1:28:49; 14. Fred Wu, Cyclon, 1:30:38; 15. Fred Johnson, 1:31:24; 16. Mike Mountz, SAE, 1:31:40; 17. Al Gasiewski, 1:32:06; 18. Dave Levy, 1:32:36; 19. Chris Corcoran, Phi Deltas-B, 1:33:18; 20. Mike Bernard, 1:34:23; 21. Jim Adkisson, Phi Deltas-B, 1:34:38; 22. Bosco So, 1:38:28; 23. Mike Levin, TDC, 1:40:57; 24. Walt Holm, Nu Delta, 1:40:58; 25. Rich Gueller, ZBT, 1:43:01; 26. Steve Lanzendorf, SAE, 1:43:01; 27. J. T. Lam, Nu Delta, 1:44:20; 28. Bob Litt, ZBT, 1:49:50; 29. Chris Kim, 1:51:23; 30. Jun Sochi, Phi Deltas-B, 1:52:34; 31. Jeff Bornstein, SAE, 1:54:27; 32. Bob Park, FEV, 1:57:46; 33. Tim Skeleton, SAE, 2:00:15; 34. Eric Park, Phi Deltas-B, 2:01:05.
Team Standings
(Average time of top three riders)
1. Phi Delt-A, 1:21:31; 2. Phi Deltas-B, 1:31:25; 3. Nu Delta, 1:36:47; 4. ZBT, 1:39:19; 5. SAE, 1:43:03.



USE FIRE CAREFULLY



PREVENT FOREST FIRES

This space donated by The Tech

THOUSANDS OF COMPUTERS ARE GATHERING IN BOSTON AGAIN

The nation's two largest public computer shows together under one roof.

If you've been thinking about buying a personal computer for your business, profession, school or home, the 7th Annual Northeast Computer Show at Boston's Hynes Auditorium is the place to go Nov. 1-4.

This huge computer show will feature over 250 exhibiting companies in 500 booths displaying more than 12,000 different products. It combines the Northeast Computer Show with the West Coast Computer Faire, the largest public computer shows in the country. The result will be a huge Boston computer extravaganza.

At this first-rate show, you can comparison shop all the leading personal computers, question factory experts about the capabilities of their machines, participate in scores of computer demonstrations and take in a comprehensive computer conference program including 50 sessions and panels conducted by computer industry experts.

Under one roof, you'll see AT&T, IBM, Kaypro, DEC, Wang, Apple, Hewlett-Packard, DataPoint, Altos and hundreds of other computer companies as well as area retailers including Computerland, Computer Mart, Sherman Howe and CPU/On Line.

If you decide to buy at the show, you'll save hundreds, even thousands of dollars, everything that's on display is for sale at super show prices!

If you already own a computer, you can shop for the latest in peripherals and accessories, including printers, floppy disk drives, hard disks, modems, terminals and plug-in boards. And you can check out the impressive array of software, including every conceivable application for business, the professions, schools, government, industry and the home.

Hynes Auditorium
November 1-4, 1984
11 AM-6 PM Daily

Admission
\$14—Four days
\$ 8—One day

Show Office Number
(617) 262-8200

THE
NORTHEAST
COMPUTER
SHOW

THE EAST COAST
COMPUTERFAIRE

PRIZE DRAWING
A Portable Computer

An exclusive production of Computer Faire, Inc./a Prentice-Hall Company