

Sharp's withdrawal disrupts timetable

By Niraj S. Desai

Phillip A. Sharp's surprise refusal of the MIT presidency may force the Institute's three top officials to stay on at their posts longer than they had planned.

On Tuesday, Sharp, nominated for president just last week, announced that he was withdrawing his acceptance of the position because he could not bear to give up his research in molecular biology. Sharp is professor of biology and director of the Center for Cancer Research.

Sharp's change of heart could mean the Institute will not have a replacement for President Paul E. Gray '54 ready by July 1, when Gray is scheduled to succeed David S. Saxon '41 as chair-

man of the MIT Corporation.

At Wednesday's faculty meeting, Gray said he was willing to continue as president beyond July 1 if a successor has not been approved by then. Gray said that Saxon, who had been preparing to retire, was willing to remain as chairman until Gray was in a position to succeed him.

Provost John M. Deutch '61, who announced his resignation last month, told Gray on Tuesday that he also would be willing to stay in his present job until a new president came into office and named the next provost.

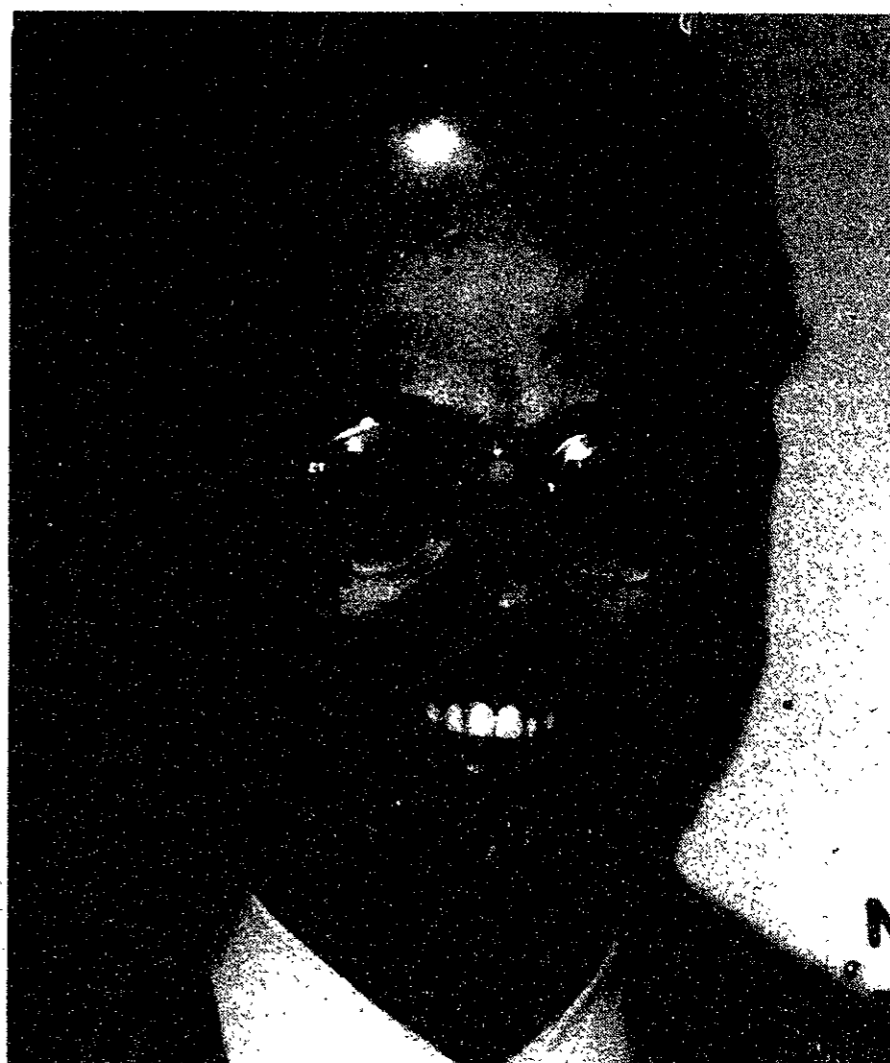
How events unfold in the coming months is now largely in the hands of the MIT Corporation, which will meet on March 2.

Resuming presidential search

Before Tuesday's announcement, the Corporation had been expected at its March meeting to discuss and vote on Sharp's nomination. Approval of the nomination was considered nearly certain.

Now the trustees must decide how to resume the presidential search process, which was suspended last week after the selection of Sharp.

Gray told the faculty meeting that the Corporation's executive committee, which had nominated Sharp for president, held a conference by telephone earlier this week, just after Sharp reversed
(Please turn to page 21)



Prabhat Mehta/The Tech

Professor Phillip A. Sharp

Fink appointed director of Whitehead Institute

By Reuven M. Lerner

Professor of Biology Gerald R. Fink was yesterday named the new director of the MIT-affiliated Whitehead Institute for Biomedical Research.

The appointment marks the culmination of a search process that began four months ago, when Nobel laureate and present Whitehead director David Baltimore '61 accepted the presidency of Rockefeller University in New York.

According to Whitehead spokesman Alfred Kildow, the search committee nominated Fink to the Whitehead board of directors, which in turn elected him to the position. Kildow added that the election was easily approved by MIT, in part because both MIT and Whitehead representatives served on the search committee.

Fink, who holds an appointment on the Whitehead faculty, is best known for his work with yeast, which is considered important in fields as diverse as agriculture and human genetics. Kildow described Fink as "a pioneer in the development of model systems for studying genes and genetics."

Fink will take over from Baltimore on July 1. He plans to con-

tinue his research in the field of genetics, Kildow said.

One source, who asked for anonymity, said that Robert A. Weinberg '64, a professor of biology at MIT, and Nobel laureate Harold Varmus, a professor at the University of California at San Francisco, had also been under consideration for the Whitehead directorship.

Fink first came to MIT in 1982 as part of the original Whitehead faculty. He had previously served for 15 years as the American Cancer Society professor of genetics at Cornell University, an appointment which was renewed when he came to MIT.

The awards that Fink has received include the National Academy of Sciences/US Steel Foundation award in molecular biology, the medal of the Genetics Society of America, the Yale science and engineering award, and the Hansen Foundation award for microbiological research. Fink is an elected member of the National Academy of Sciences and the American Academy of Arts and Sciences, and a former president of the Genetics Society of America. He was educated at Amherst College and Yale University, and did postdoctoral work at the National Institutes of Health.

UA tables activities fee referendum

By Katherine Shim

The Undergraduate Association Council last night decided against placing a student activities fee referendum on the March 14 election ballot, but did pass a proposal emphasizing the basic need for a student activities fee that would appear as a "line item" on tuition and room and board accounts.

The decision to table the referendum effectively kills efforts by the administration of UA President Paul L. Antico '91 to have a student activities fee take effect with the freshman class entering in the fall of 1991, said Antico in an interview after the meeting.

The UA refused to put the fee

to student vote until a more detailed plan for implementation was developed. Problems remain with the activities fee, council members argued. More time was needed to determine how the UA Finance Board will allocate funds to specific committees; to investigate the exact sources of present funding; and to specify the precise fee to be asked of each student, council members felt.

A committee consisting of members of FinBoard, other students, and faculty will be formed to look into these issues, said Antico.

But the UAC reaffirmed its support for the idea of an activi-
(Please turn to page 22)



Tech file photo

Paul Antico '91

Suspect arrested after campus thefts

By Andrea Lambert

A robber broke into Burton House and stole a wallet from an occupied room early last Sunday morning. Minutes before, the intruder had broken into Random Hall and stolen a wallet there, according to Campus Police Chief Anne P. Glavin.

Soon after the intruder left Burton House, a Campus Police officer stopped him on the Har-

vard Bridge and arrested him after Brenda S. Zuehlke '91 identified him as the robber who broke into her Burton House room. He was arrested on charges of breaking and entering, and robbery.

Earlier at Random Hall the intruder had "kicked in a back door" to break into the building, Random Hall resident Heidi J. Macus '90 said. He stole one wallet while he was there, at about

3:40 am Sunday morning, Glavin said.

The Campus Police did not encounter the suspect at Random Hall, but CPs did find two wallets there, one belonging to a Random Hall resident, the other to a Boston University student. While the officers were at Random, the Campus Police received a phone call of a burglary in progress at Burton House.

The description of the suspect in the Burton incident was almost identical to the suspect in the Random incident, Glavin said. The Campus Police put the "description on the air," she said, and a several officers went over to Burton House to investigate.

Soon afterwards, another MIT Campus Police officer saw "a person on the [Harvard] Bridge that fit the description of the per-
(Please turn to page 20)



Paulo Correia

Dr. Wilson Bryan Key informs students at MIT about the effects of subliminal advertising on the American public. The Lecture Series Committee sponsored Wednesday's lecture. See story, page 2.

MIT professor a candidate for Harvard board

By Karen Kaplan

Professor of Political Science Willard R. Johnson has been selected as a candidate for the Harvard Board of Overseers on a pro-South African divestment slate sponsored by the Harvard-Radcliffe Alumni Against Apartheid (HRAAA).

The Board of Overseers is a thirty-member group that advises the Harvard Corporation, although it has no voting power on matters of policy. Members of the Board are elected by Harvard alumni, and this year's results will be announced on Harvard's Commencement Day.

Johnson is one of five nominees on the fifth annual HRAAA slate, which offers an alternative to the candidates in opposition to the Harvard-Radcliffe Alumni Association's official slate of candidates. Other HRAAA candidates include Donald Woods, a journalist who was expelled from South Africa after reporting the death of activist Steven Biko; Boston City Councillor David Scodras; Judy Lieberman, assistant professor of medicine at the Tufts University School of Medicine; and Ruth J. Simmons, provost of Spelman College. Last year, Archbishop Desmond Tutu

won a seat on the Board of Overseers after running on the HRAAA slate.

A well-known activist on the issue of divestment from South Africa, Johnson founded TransAfrica, a national anti-apartheid organization, which is "the black lobby on foreign affairs," he said.

At MIT, he sponsored a faculty resolution for divestment from South Africa. But despite its passage, the MIT Endowment for Divestiture is still working for total divestment at MIT.

Johnson earned his undergrad-
(Please turn to page 23)

Diskin to observe Sunday's Nicaraguan elections

By Miguel Cantillo

Professor of Anthropology Martin Diskin will be an observer for the Nicaraguan elections this Sunday, Feb. 25. Diskin will act as a representative for the Latin American Studies Association, an independent group that will be in Nicaragua this weekend assessing the integrity of the elections.

The 1.7 million registered Nicaraguan voters will elect their president, legislative representatives and municipal leaders from 11 parties, ranging from conservative to Trotskyist.

Seven survey research organizations have conducted a total of 13 public opinion polls in Nicaragua between June 1988 and mid-December 1989. According to the most recent polls, the Sandinista candidate, current Nicaraguan President Daniel Ortega, is still ahead in the race. The strongest contender is Violeta Chamorro, leader for the National Opposition Union (UNO). A recent *Washington Post/ABC News* survey reported that 48 percent of the voters favored Ortega over Chamorro. Thirty-two percent indicated support for Chamorro in the poll, while 16 percent remained undecided.

UNO is an 11 party coalition formed by interests that range from conservative to socialist. Jonathan A. Fox, an assistant professor of political science, said the results will be closer than the polls predicted since the polling methods were relatively new to Nicaragua, and previous results had varied widely. He said the Sandinistas will win, though, because UNO lacked homogeneity.

Fox argued that although there has been widespread dissatisfaction with the Sandinistas' economic management, UNO lost much public support after it hesitated to condemn the US intrusion into the Nicaraguan embassy in Panama. Economic support from the United States for UNO was also a source of division, said Fox. In fact, the Popular Social Christian party left UNO because of a dispute over this assistance.

After the election, the non-Sandinista groups will have more political space, Fox claimed. The Sandinistas currently control 61 out of 96 seats in the National Constituent Assembly, but this number will likely drop after this weekend's elections. There have

also been rumors recently that the Sandinistas will give some cabinet positions to the Social Christian Party.

After the election, European donor countries — France and the Scandinavian countries in particular — will probably renew their aid to the Sandinistas. The American position, however, will likely be very different.

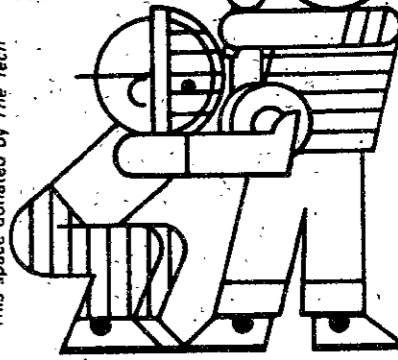
Fox predicted that if the Sandinistas win, the United States will lift its embargo but give no aid to Nicaragua. The Soviets will continue their aid since the Nicaraguans are following the peres-

troika line more closely than Cuba, Fox argued.

The support from Western European countries will probably help the ailing Nicaraguan economy, which last year had an inflation rate of over 30,000 percent. Living standards have dropped to 1951 levels.

The Sandinistas blame the economic collapse on the US embargo and the 1979 civil war. Over 30,000 Nicaraguans have been killed in the civil war; another 30,000 have been wounded; and almost 11,000 have been kidnapped or captured.

**SMOKEY'S FRIENDS
DON'T PLAY
WITH
MATCHES**



This space donated by The Tech

Nicaragua fact sheet

Size: 50,180 square miles, slightly larger than New York state.
Population: 3,745,000 (46 percent are under 15 years old).
Capital City: Managua (pop. 800,000).
Religion: Catholic (91 percent), Protestant.
Life Expectancy: 59.8 years (US: 71.5).
Infant Mortality: 65/1000 in 1988 (US: 10/1000).
Foreign Debt per capita: \$1789.

Expert discusses the effects of subliminal advertising

By Adam Chen

Dr. Wilson Bryan Key claimed in a lecture Wednesday that the advertising industry is using subliminal messages to manipulate the public.

Key displayed several examples of common advertisements and pointed out to the audience what he said were hidden messages. Consumers have to "look in a different way," Key said, focusing on "just the opposite" of what advertising agencies intend them to focus on.

The talk, in 26-100, was sponsored by the Lecture Series Committee.

Subliminal messages often concentrate on the taboos of society — sex, death, incest, homosexuality, and at times, pagan icons — according to Key. He claimed that, in one liquor advertisement, the images of a fish, screaming faces, a rat, a volcano, a lizard, and several other death symbols were embedded in ice cubes. Other examples Key showed included a man with an erection in an RJ Reynolds' Camel advertisement, a battered skull in a Bacardi drink, and the word cancer in a cigarette advertisement.

Key maintained that these messages do not appear by accident, coincidence, or as the work of an individual artist. Rather, advertising agencies spend three to five months and upwards of \$50,000 to scrutinize every detail in each advertisement, he claimed.

Key reported that there are some 500 published articles on the effects of subliminal suggestion in the psychology literature. While inconclusive, the research seems to indicate that subliminal messages "affect some people under some circumstances, some of the time," he said.

When asked about death themes in the ads, Key responded that "if consciously perceived, you would probably run to the nearest [Alcoholics Anonymous]," but proprietary studies have shown the ads to "work more often than they fail."

Key acknowledged that the advertising industry disagrees with his conclusions. The *Los Angeles Times* reported that the industry's response is that it is hard enough to get the lighting right for an advertisement, much less to put words in the ice cubes.

(Please turn to page 23)

Errata

A story which appeared in the Friday, Feb. 9 issue of *The Tech* ["New Whitehead director likely to be named soon"] contains two errors.

The article incorrectly states that the Whitehead Institute for Biomedical Research provides "direction to MIT's biomedical research." The Affiliation Agreement between MIT and Whitehead reads: "[The Whitehead Institute] enters the affiliation with MIT in the belief that the potential for enlightening research is enhanced through an affiliation with a preeminent university engaged in research and teaching in fields of science related to its purposes. MIT believes that its own ongoing research and educational efforts in the life sciences can be enhanced by an affiliation that provides additional support in both its research and educational activities, consistent with its traditional goal of increasing knowledge for the public good."

Also, the article incorrectly states that "MIT received a \$7.5 million donation for its endowment as well as \$5 million annually until 2003, and \$100 million upon the death of Whitehead." Edwin Whitehead gave \$7.5 million to MIT, but his other gifts were to the Whitehead Institute.

Cambridge School Volunteers

Would you like to tutor High School or Elementary School students?



See the difference a few hours each week can make!

Call Sarath Krishnaswamy at x5-6383 or Todd Rider at x5-8224 or x3-3261.

Sponsored by Tau Beta Pi

Get a taste of our new look



Announcing McDonald's new remodeling—a tasty new look you won't be able to resist. Come in and see how we've made ourselves fresher, more contemporary, and more appealing than ever. You know about the great taste of McDonald's—now get a taste of our great new look.



McDonald's
463 Massachusetts Avenue, Cambridge, MA

news roundup

from the associated press wire

World

East Germany anxious for unification talks

East Germany wants negotiators to get moving on talks aimed at unifying the two Germanys. Premier Hans Modrow said yesterday he wanted talks to begin as soon as possible on the two-stage unification formula agreed to by the World War II allies last week in Ottawa. Modrow's government has been plagued by mass emigration to the West as well as a crumbling economy.

Bush promises aid for Czechoslovakia

Though he said he did not come to the United States for aid, Czechoslovakia's president has received assurances of financial help for his country. Vaclav Havel met Tuesday with President Bush, who promised him trade and investment benefits. Congress may add Czechoslovakia to a list of former Iron Curtain nations now eligible for aid because of political and economic reforms. Havel spoke to a joint session of Congress Wednesday.

Havel also said the Soviet Union was willing to remove its troops from Czechoslovakia. However, in an interview on the MacNeil-Lehrer News Hour, Havel said the Soviets have nowhere to house the troops they would withdraw and no way to feed them.

Sweeping changes proposed in the Soviet Union

New changes are being proposed for the Soviet constitution that would give President Mikhail S. Gorbachev sweeping new powers, *The Washington Post* reported Wednesday. The newspaper said changes under consideration included electing a president to a six-year term, and giving him veto power.

China criticized for human rights abuses

China is among the nations singled out by the State Department for criticism in its annual human rights report. The State Department cited the Beijing government for last summer's crackdown in Tiananmen Square, during which army forces killed hundreds — perhaps thousands — of pro-democracy demonstrators. Officially, the Chinese government said only 20 people were executed.

Other nations cited for human rights abuses were Nicaragua, Iraq, Saudi Arabia and Iran. The report also mentioned progress in the Soviet Union, crediting Kremlin leaders with "a more forthcoming approach" to human rights concerns.

Nation

Reagan videotapes released

In a videotaped deposition released yesterday, former president Ronald Reagan said he never knew that his aides were secretly arming the Nicaraguan contras. The tape is for the upcoming trial of Reagan's former National Security Adviser John Poindexter. The videotapes were released despite a plea by Reagan to delay the action until after the trial is over.

On Capitol Hill, reaction to the testimony was one of little surprise. Congressman Lee Hamilton, who co-chaired the Congressional Iran-contras hearings, said Reagan said basically the same thing that he said when the scandal rocked his administration.

Atlantis takeoff delayed

Bad weather over Cape Canaveral and a bad cold for Commander John Creighton have teamed up to keep the space shuttle *Atlantis* on the ground. NASA flight surgeons said Creighton's illness is not serious, and his prognosis is good. Meanwhile, there is a cold front moving into Florida. The shuttle was originally scheduled for a pre-dawn liftoff yesterday, but Saturday is now the earliest possible launch date.

Health secretary criticizes tobacco companies

Tobacco companies in the United States should stop targeting women, minorities and young people in their cigarette advertisements, said Health Secretary Louis Sullivan. Before a Senate committee yesterday, Sullivan urged tobacco firms to stop what he called "their irresponsibility." He cited a new report, showing that smoking costs the United States \$52 billion per year in health care costs and lost productivity.

Local

Dukakis urges Bush to channel defense funds into education

The federal government should channel the funds that would come from cuts in defense spending into public education, Governor Michael S. Dukakis said in a speech yesterday. The governor, joined by state education officials, said that problems with educational systems stem from a lack of resources.

Dukakis credited President George Bush with bringing governors together last year for a special meeting on education issues. However, Dukakis said Bush must now back up his words with money. He said he would carry this message to a meeting next week of the National Governor's Association in Washington, DC.

Court upholds injunction to stop blocking of abortion clinics

The state's highest court yesterday reinstated an injunction to prevent anti-abortion groups from blocking abortion clinics. But a spokeswoman for the anti-abortion group Operation Rescue said protests will continue as usual because the group is obeying a "higher law." A majority of the court said the injunction was carefully tailored and did not threaten the First Amendment rights of the demonstrators.

Pierce files bill to keep municipal money from state

State Representative Steven Pierce, the House minority leader and a Republican candidate for governor, announced yesterday he is filing a bill that would change local aid payment schedules so that state money for municipalities could no longer be held "hostage" during fiscal troubles. The payments are scheduled for June, the end of the fiscal year.

Governor Michael S. Dukakis has said the state might have to withhold local aid payments to municipalities if the government cannot solve its \$508 million deficit. Municipal officials have predicted drastic cuts in police, schools and other services if the state does not give the money.

State to develop three regional recycling programs

Massachusetts will fund three studies to develop three regional recycling programs around the state. Environmental Affairs Secretary John Devillars said yesterday that the \$240,000 package will also examine ways to promote municipal solid waste composting statewide. The recycling programs would be located on Cape Cod, in central Massachusetts, and the region west of Boston. The state's first regional recycling center opened last month in Springfield.

"Shock TV" pioneer Morton Downey Jr. sought by creditors

Morton Downey Jr., television talk show host and "shock TV" pioneer, has only \$100 in his pocket these days. In court papers, Downey has sought protection from a limousine company and other creditors under federal bankruptcy laws. His creditors include more than 75 banks, businesses and agencies. Downey's attorney would not comment on whether his client's financial woes were related to the demise of "The Morton Downey Junior Show."

Ethics committee will investigate Durenberger

The Senate Ethics Committee announced it will hold full-scale hearings to look into the financial dealings of Senator David Durenberger (R-MN). Most of the allegations concern a book promotion arrangement, under which Durenberger made speeches and accepted fees to promote two books he wrote. The committee said there is substantial evidence that Durenberger violated federal law as well as Senate rules.

Durenberger contended it was never his attempt to circumvent Senate rules for his own benefit. He called the investigation "painful."

Justice Department and Exxon are close to agreement

Sources said yesterday the Justice Department and Exxon are near agreement on settling possible criminal charges over last year's massive oil spill in Alaska. No details of the draft agreement have been provided, but several sources (all speaking on condition that they not be identified) have said a settlement could be announced today.

The Exxon tanker *Valdez* spilled 11 million gallons of oil in Prince William Sound last March in the country's worst oil spill.

UMass Amherst president announces retirement

The president of the University of Massachusetts, Amherst announced his retirement yesterday. Officials said Chancellor Joseph Duffey will take over the duties of David Knapp, president since 1978. Knapp reportedly told his employees about his plans Tuesday, but declined to make a public statement. The former Cornell University provost is expected to assume a university professorship. Duffey is expected to centralize much of Knapp's operation at the Amherst campus.

Boston law firms make little progress recruiting blacks, women

Boston's largest law firms have made little progress in recruiting black lawyers, according to a study by the *National Law Journal*. The study shows that Boston law firms have actually lost ground in promoting blacks to partners during the past two years.

The journal also said the number of women attorneys in Boston's 11 largest law firms has failed to grow significantly. Some attorneys said minorities often shun Boston because they find the city and its law firms alienating and inhospitable. Nationwide, blacks account for nine-tenths of one percent of all partners, and 2.2 percent of all associates in the top 250 law firms.

Bank of New England underestimated 1989 loss

Bank of New England said yesterday that its 1989 losses were worse than expected, placing the value at \$1.11 billion dollars. Analysts said review of the loss indicated the bank might have misstated its financial condition in previous quarters. Other banks have also suffered financial ills because of the region's slumping real estate market, but Bank of New England may have suffered the most because it was an aggressive lender during the construction boom of the mid-1980s.

Boston's murder rate for 1989 ranks low

Despite a homicide toll of 101 last year, Boston's murder rate was well below that of comparable cities. FBI statistics ranked Boston 35th of 40 cities in terms of homicides. Boston's homicide rate was 4.5 per 100,000 individuals.

Police mistake makes drug evidence inadmissible

The state appeals court ruled yesterday that prosecutors could not use evidence obtained in a search because police failed to announce themselves before they entered the residence. The decision stemmed from a 1988 drug indictment in Middlesex county. The superior court judge in the case granted a motion by the defendant, Charles Gondola, to suppress drugs and drug paraphernalia seized in the search. During the search, police knocked on the door but received no response. The officers then entered the apartment and afterwards announced "police."

Weather

The big chill returns

High pressure over the Atlantic will continue to bring warm air to New England for today. A low pressure system approaching from the Great Lakes will cross the area in the afternoon and, in its wake, bring very cold, Arctic air to the region for the next couple of days. High relative humidity dominates the East Coast, and with dropping temperatures snowfall is likely on Saturday and possible on Sunday. The subnormal temperatures will remain into next week.

Friday afternoon: Overcast, warm weather with temperatures in the low 60s (16-18°C). Winds from the southwest at 20-30 mph.

Friday night: Temperatures dropping throughout the night. Winds shifting north and reaching 15 mph. Increasing chance of precipitation in the early morning hours.

Saturday: Precipitation throughout the day, probably in the form of snow. Overcast skies. Temperatures will continue to drop. High 34°F (1°C). Low 20°F (-7°C). Wind north to northwest at 15-20 mph.

Sunday: Continued cloud cover. Temperatures far below freezing. High 20°F (-7°C). Low 7°F (-14°C).

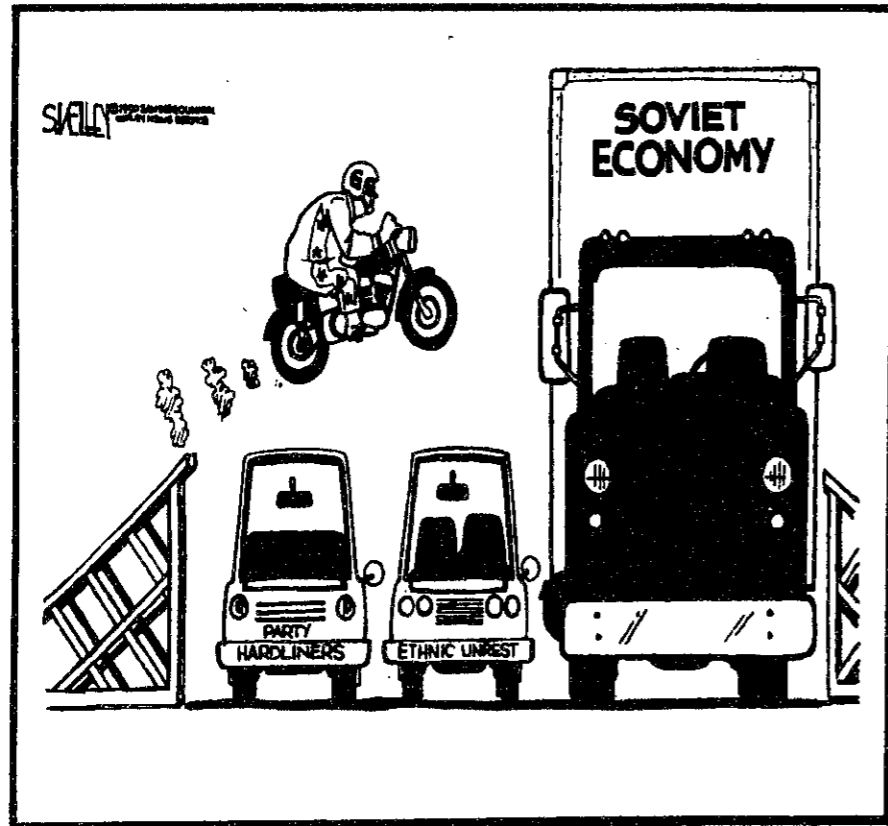
Forecast by Michael Hess

Compiled by Linda D'Angelo

opinion

Germany reunification must consider territorial concerns

Column by Karl Dishaw



The Tech

Volume 110, Number 7 Friday, February 23, 1990

Chairman Deborah A. Levinson '91
Editor in Chief Prabhat Mehta '91
Business Manager Russell Wilcox '91
Managing Editor Marie E. V. Coppola '90
Executive Editor Linda D'Angelo '90

News Editors Annabelle Boyd '90
 Andrea Lamberti '91
 Reuven M. Lerner '92
Night Editor Daniel A. Sidney G
Opinion Editor Michael J. Franklin '88
Sports Editor Shawn Mastrian '91
Arts Editor Peter E. Dunn G
Photography Editors Kristine AuYeung '91
 Lerothodi-Lapula Leeuw '92
Contributing Editors Jonathan Richmond G
 Niraj S. Desai '90
 Irene C. Kuo '90
 Lisette W. M. Lambregts '90
 Lois Eaton '92
Advertising Manager Mark E. Hasetline '92
Production Manager Ezra Peisach '89
Senior Editor Genevieve C. Sparagna '90

NEWS STAFF

Associate News Editors: Joanna Stone '92, Brian Rosenberg '93, Katherine Shim '93; **Staff:** Neil J. Ross G, Joan Abbott '90, Anita Hsiung '90, Miguel Cantillo '91, Seth Gordon '91, Adnan Lawai '91, Chitra K. Raman '91, Gaurav Rewari '91, Aileen Lee '92, Karen Kaplan '93, Michael Schlamp '93, Cliff Schmidt '93; **Meteorologists:** Robert X. Black G, Robert J. Conzemius G, Michael C. Morgan G, Greg Bettinger '91, Yeh-Kai Tung '93.

PRODUCTION STAFF

Associate Night Editors: Kristine J. Cordella '91, David Maltz '93; **Staff:** David E. Borison '91, Lawrence H. Kaye '91, Jonathon Weiss '93.

OPINION STAFF

Pawan Sinha G, Michael Gojer '90, Adam Braff '91.

SPORTS STAFF

Michael J. Garrison G, Harold A. Stern '87, David Rothstein '91.

ARTS STAFF

Staff: Frank Gillett G, Mark Roberts G, Manavendra K. Thakur '87, Michelle P. Perry '89, Peter Parnassa '90, Paige Parsons '90, Paula Cuccurullo '91, David Stern '91, Alfred Armendariz '92, Sande Chen '92, Alejandro Solis '92.

PHOTOGRAPHY STAFF

Associate Photography Editor: Sean Dougherty '93; **Staff:** William Chu G, Frank Espinosa G, Andy Silber G, Ken Church '90, Mark D. Virtue '90, Sarath Krishnaswamy '91, Georgina A. Maldonado '91, David H. Oliver '91, Mauricio Roman '91, Marc Wisnudel '91, Jonathan Kossuth '92, Douglas D. Keller '93, Wey Lead '93, Matthew Warren '93, Jeremy Yung '93; **Darkroom Manager:** Ken Church '90.

FEATURES STAFF

Christopher R. Doerr G, David J. Kim '91, Taro Ohkawa '91, Chris M. Montgomery '93.

BUSINESS STAFF

Delinquent Accounts Manager: Jadene Burgess '93; **Advertising Accounts Manager:** Shanwei Chen '92; **Staff:** Ben Tao '93.

PRODUCTION STAFF FOR THIS ISSUE

Night Editor: Daniel A. Sidney G
Associate Night Editor: Jonathon Weiss '93
Staff: Peter E. Dunn G, Marie E. V. Coppola '90, Kristine AuYeung '91, Kristine J. Cordella '91, Sunitha Guntha '93.

The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer for \$17.00 per year Third Class by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, MA 02139-0901. 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 02139-0901. Telephone: (617) 253-1541. FAX: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 1990 The Tech. The Tech is a member of the Associated Press. Printed by Charles River Publishing, Inc.

Before the end of this summer a unified German Parliament will be meeting in Berlin. That cannot be avoided, no matter how much effort reactionary statesmen put into slowing it. The German people have acquired too much momentum to be stopped.

Already the city government of East Berlin has asked West Berlin to take over municipal services since the steady stream of emigrants has weakened the East's ability to carry out national functions. Even if it wasn't necessary to prevent a collapse most Germans would want reunification — just because it is now possible.

Political integration is occurring as each major West German party takes an eastern affiliate under its wing for the coming East German elections. If the East is simply added to the Federal Republic, the Eastern legislators will already know where to take their seats in the Bundestag.

Merging the two currencies, resettling the migrants, restoring services in the East and managing new investment — these are problems with which German bureaucrats and accountants will be wrestling for years. But there aren't any show-stoppers among them. Botching one will bring some suffering, but it can't prevent unification. Only a concerted effort by many other nations could block reunification.

But this is unlikely if the Germans give proper consideration to the worries of their neighbors. Most world leaders today were alive when Nazi Germany devastated Europe and many, including President Bush, fought in that war. The threat posed by

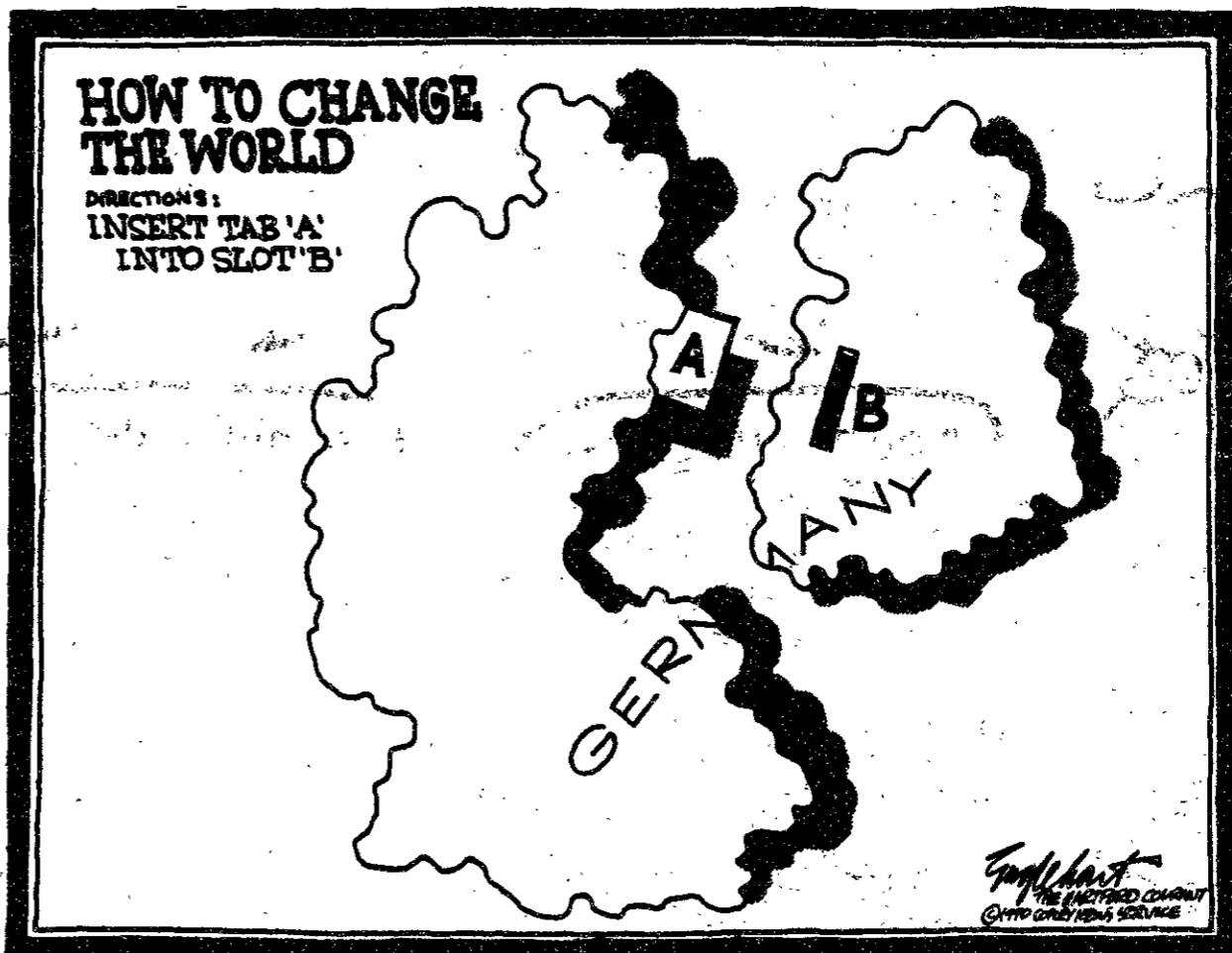
divided between neighboring countries, with sovereignty regained only after the conqueror was defeated and forced to relinquish Poland.

Between the World Wars the Eastern border of Poland stretched from Latvia to Romania, and it touched the Baltic Sea in a narrow corridor cut through Germany. After the Second World War Stalin took Polish territory to form the western parts of Byelorussia and the Ukraine. The German territories of East Prussia and Silesia — except for a small part of Prussia which became part of the Russian Soviet Socialist Republic — were given to the Poles.

Thus modern Poland consists of most of historic Poland and a large chunk of land that was German since the time of Frederick the Great. These once-German lands have been mostly assimilated; their population initially included many Poles. But there are Germans who want them back.

Some people of other nations — as well as a few Poles — would not mind a simple German-Polish exchange of territory. German conservatives have a powerful moral case to make in their favor, especially the ones who were expelled from the territories after World War II.

But allowing an alteration to the map of Europe would be an open invitation to continuous war. Germany's borders remain unsettled with Austria, France, Denmark, and Czechoslovakia as well as Poland. Hungary and Romania have lingering claims to each other's territories. The Soviet Union took land from many nations after World War II,



an unchecked Germany makes many European countries — including the Soviet Union, which lost 20 million people from the German invasion in World War II — very apprehensive.

Germany must offer reassurances on two key issues: borders and alliances. A united Germany will be accepted by the rest of the world if it respects current borders and remains in the North Atlantic Treaty Organization alliance. Otherwise, nations will begin negotiating treaties to ensure peace.

Unity has not been Germany's normal condition in history. As an ethnic group the Germans go back beyond Julius Caesar, but the Empire of Charlemagne (Karl Der Grosse, to them) was the first political entity to encompass them. That quickly dissolved but left the legacy of the Holy Roman Empire, which reigned (or drizzled) over most of modern Germany. The empire finally vanished in the 1600s, leaving a varied assortment of feudal states dominated by Prussia and Austria. German unity was a subject for idle chatter until well after the Napoleonic wars.

The Franco-Prussian War of 1870 welded the 39 German states into a single German Empire, instantly the most powerful nation in Europe. In another generation the German leadership showed they were not up to handling their power as they launched the offensives of the First World War. The Germans were crushed but the Versailles Treaty imposed upon them severe hardships, laying the seeds for eventual German revenge. After the economy rebounded, Germany increased its military strength and plunged the world into another bloodbath.

This history makes all of Germany's neighbors nervous, especially the Poles who have had their boundaries determined more by politics than by aspirations of the citizens. At its height, the territory of Poland almost reached the Black Sea. The years in the periods 1796-1919 and 1939-45 saw Poland

including Germany. The Soviet city of Kaliningrad, tucked in between Poland and Lithuania, was the German city of Königsberg until Stalin's victory.

If Germany sets the precedent of claiming — and obtaining — disputed territories, then other countries will be encouraged to do the same. Military conflicts may result. While it is not likely that these conflicts would grow into huge coalition wars, the devastation would be insupportable in the already crippled lands of Eastern Europe.

Thus, Germany cannot be permitted to redress any territorial grievances it may claim. What, then, is the purpose of the German army? It will provide for the defense of Germany and its allies, namely the NATO nations. The Poles and others can others can be comforted by the NATO military structure which places the German military under the control of a non-German commander.

Only the Soviet Union objects to this plan. Gorbachev has spoken strongly against a united Germany in NATO, much as he has against an independent Lithuania and a multi-party Soviet Union. He is too weak at home to survive giving in anything to the Germans. If Gorbachev resists a NATO role for unified Germany with all his strength, the Soviet conservatives will give him credit, and have one less issue on which to attack him.

A German concession allowing Soviet forces to remain in East Germany would help Gorbachev at home. This symbolic presence would make it easier for the Soviets to accept reunification. Gorbachev will fight for that also because he has no place to put the troops if they are pulled out. We may hope that Gorbachev will improvise some more, keeping the world on its course toward peace.

Karl Dishaw, a recent graduate of the Department of Aeronautics and Astronautics, is a columnist for The Tech.

comics

LIFE IN HELL

©1990 BY MATT GROENING

DON'T MISS OUT ON THE FIRST BIG SOCIAL TREND OF THE 1990s!
Get off your duff and come on down to

COMFY FOLDING CHAIRS

EXCELLENT DATING PROSPECTS

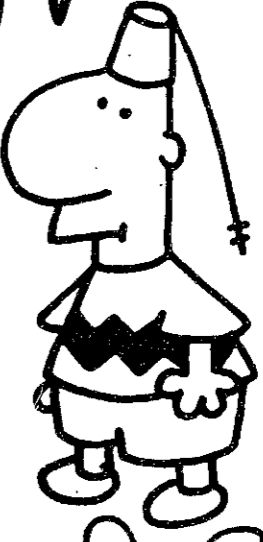
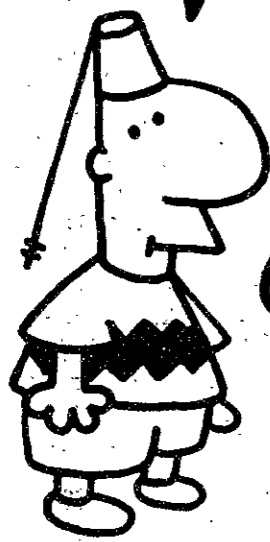
Akbar & Jeff's SUPPORT GROUP

FOR THE VAGUELY DISSATISFIED

IF YOU LIKE TO TALK YOU'LL LIKE OUR DISCUSSION TOPICS!

I FEEL CRANKY.

I FEEL CRANKY AND ITCHY.



- I'M GETTING OLDER
- MY CREEPY EX-BOYFRIEND
- RUDE PEOPLE
- ADULT CHILDREN OF GOLF ENTHUSIASTS
- MY APARTMENT IS TOO SMALL
- I LOVE MY CATS
- I FEEL SOMEWHAT STRESSED
- MY ACHING BACK
- ADULT CHILDREN OF PEOPLE WHO WHISTLE BROADWAY TUNES
- I HATE THE WAY MY MATE CHEWS WAFFLES
- WHERE DID YOU GET THOSE SHOES?



WE MEET EVERY TUES. AND THURS., RAIN OR SHINE, AT 8 P.M. SHARP IN THE UPSTAIRS BANQUET ROOM OF AKBAR & JEFF'S MUFFINATORIUM ("ALL YOU CAN EAT"), CONVENIENTLY LOCATED ON THE MEZZANINE LEVEL OF THE PARADE OF FOOD PAVILION IN THE NEW MALL OUT BY THE OLD AIRPORT (FREE 2-HR. PARKING VALIDATION WITH SUPPORT GROUP VOLUNTARY DONATION AND MUFFIN PURCHASE)

NO PROBLEMS? NO PROBLEM! WE STILL LOVE YOU!

2-16-1990 ACME FEATURES SYNDICATE ©1990 BY MATT GROENING

THE WORLD FOR SALE

from BOSTON	round trip from
LONDON	\$338
BERLIN	438
BRUSSELS	398
VIENNA	438
TOKYO	749
CARACAS	350
RIO	778

Taxes not included. Restrictions apply. One way available. Work/Stud. abroad programs. Intl. Student ID. EURAIL PASSES ISSUED ON THE SPOT! FREE Student Travel Catalog

Council Travel
MIT Student Center W20-024
Cambridge
225-2555

Newbury Comics

COUPON-O-THE-WEEK!

\$1⁰⁰ OFF ANY PURCHASE

OF \$10.00 OR MORE
(SALE ITEMS EXCLUDED - NO DOUBLE DISCOUNTS)

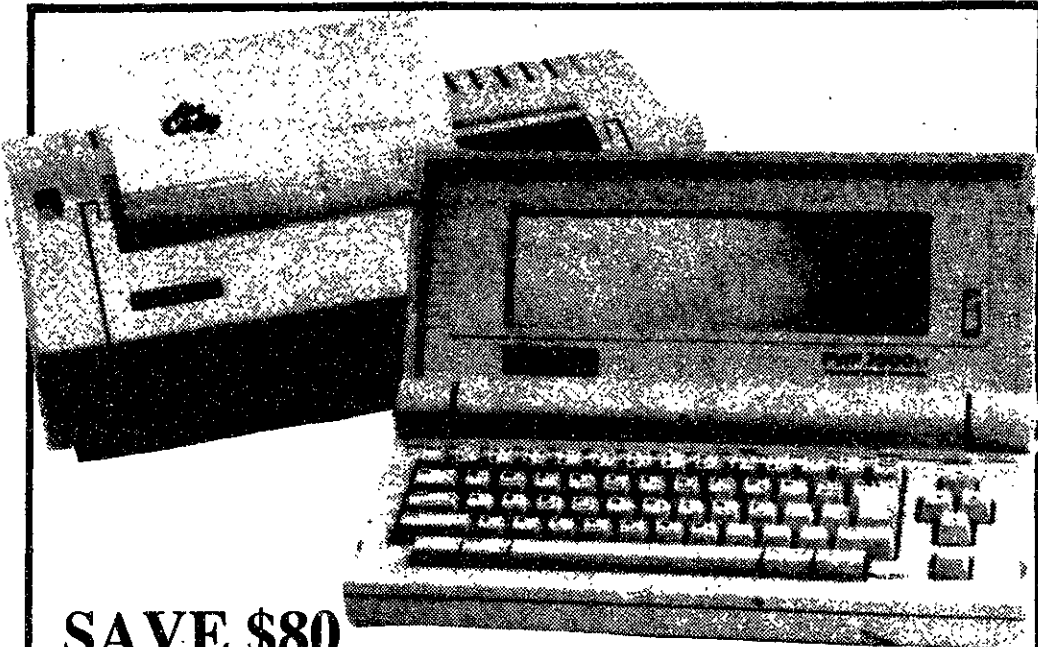
MIT STUDENT CENTER
225-2872

"a wicked good time!"

- BOSTON: 332 Newbury St. 236-4930
- BURLINGTON: 112 Mall Rd. 270-9860
- FRAMINGHAM: Rte. 30 Mall 620-0735
- HARVARD SQUARE: 36 JFK St. 491-0337

Your Type Is At Super Savings!

Work Smarter And Save With Smith Corona.



SAVE \$80

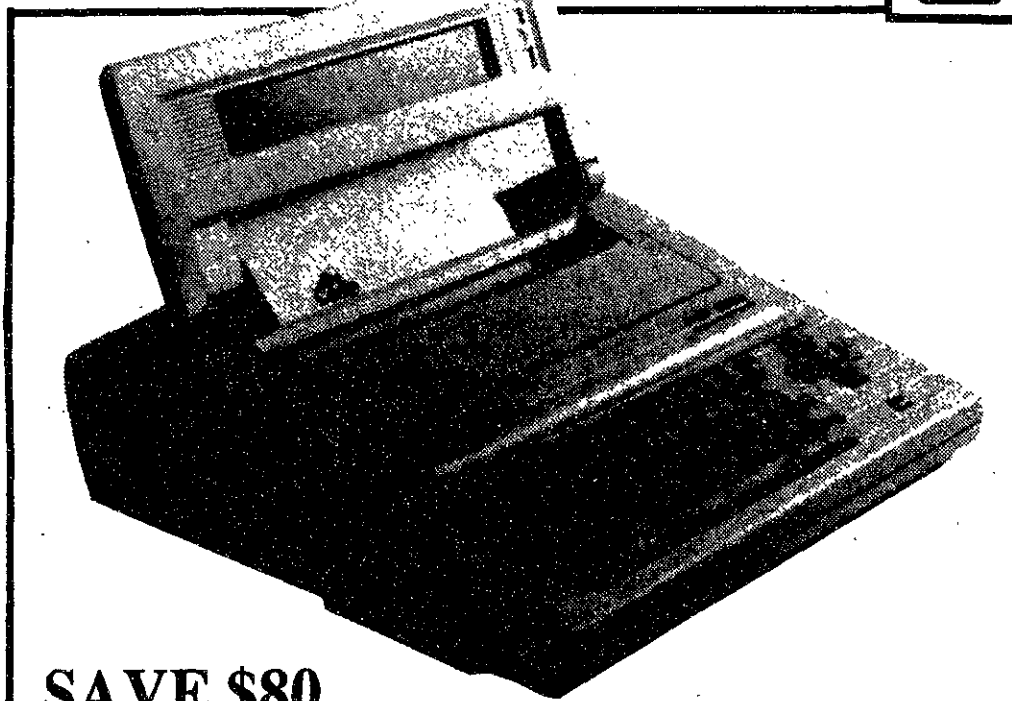
Smith Corona PWP 7000 LT Laptop Personal Word Processor.
With 16 line by 80 character display, 50,000 character internal memory, built-in disk drive, Grammar-Right System™, Spell-Right® 90,000 word dictionary, and many other features. Reg. \$749.95 **SALE \$669.95**

FREE Gift With Purchase! Buy the Smith Corona PWP 7000, and receive The Smith Corona CoronaCalc™ Spreadsheet Program absolutely **FREE. A \$49.95 Value**



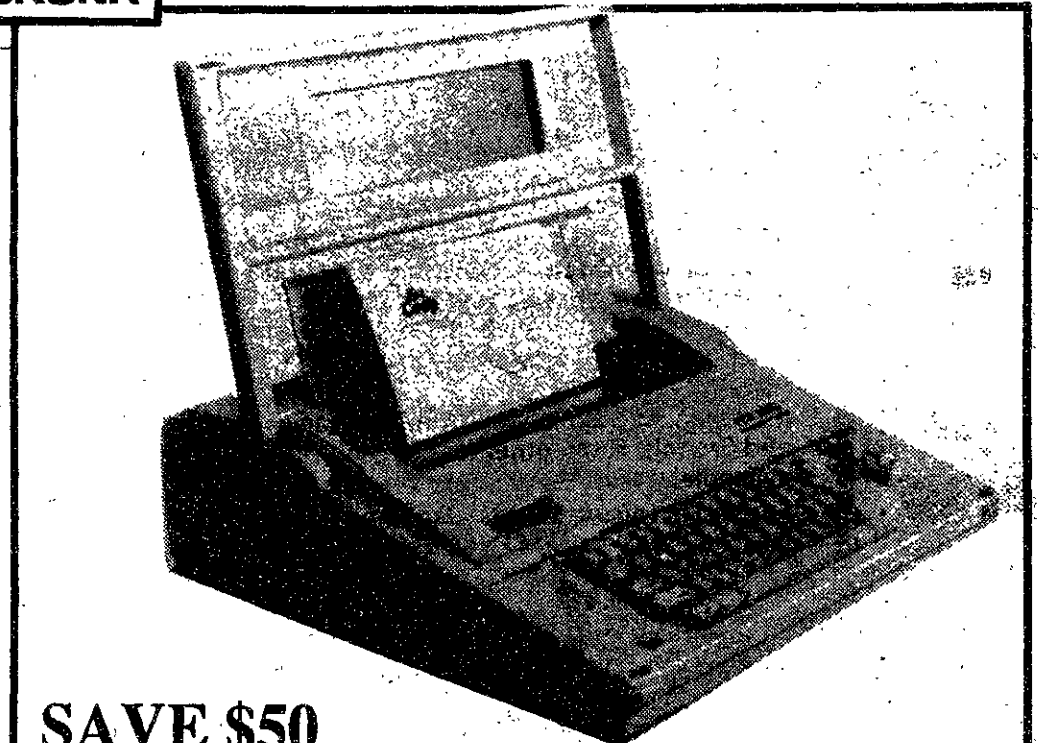
SAVE \$45

Smith Corona PWP 100C Word Processor.
With 24 line by 80 character 12" CRT monitor, Address Merge®, 50,000 character internal memory, electronic dictionary and thesaurus, plus built-in disk drive. Reg. \$695 **SALE \$649.95**



SAVE \$80

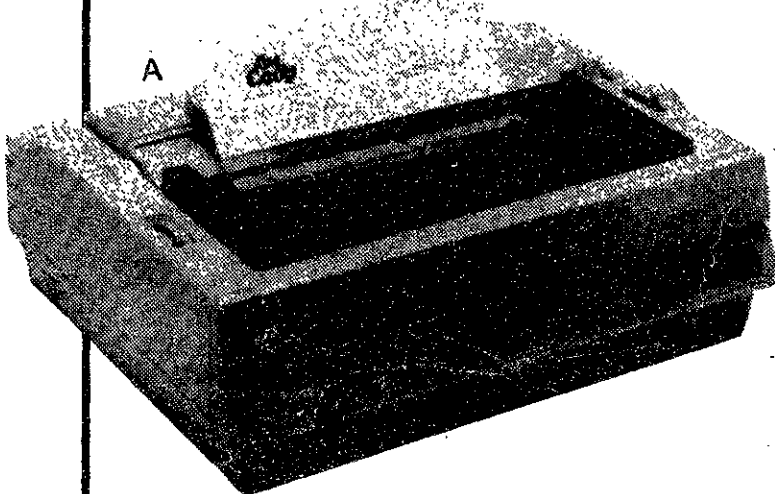
Smith Corona PWP 3000 Word Processor.
Portable word processor with 16 line by 80 character display, 50,000 character internal memory, Grammar-Right System™, Spell-Right® 90,000 word dictionary, Electronic Thesaurus, Word Alert™, Phrase Alert™, and many other features. Reg. \$649.95 **SALE \$569.95**



SAVE \$50

Smith Corona PWP 2000 Word Processor.
This portable word processor comes with 8 line by 80 character display, 42,000 character internal memory, Spell-Right® 50,000 word Word-Right® AutoSpell®, and lots more. Reg. \$449.95 **SALE \$399.95**

Panasonic Puts The Savings In Print.

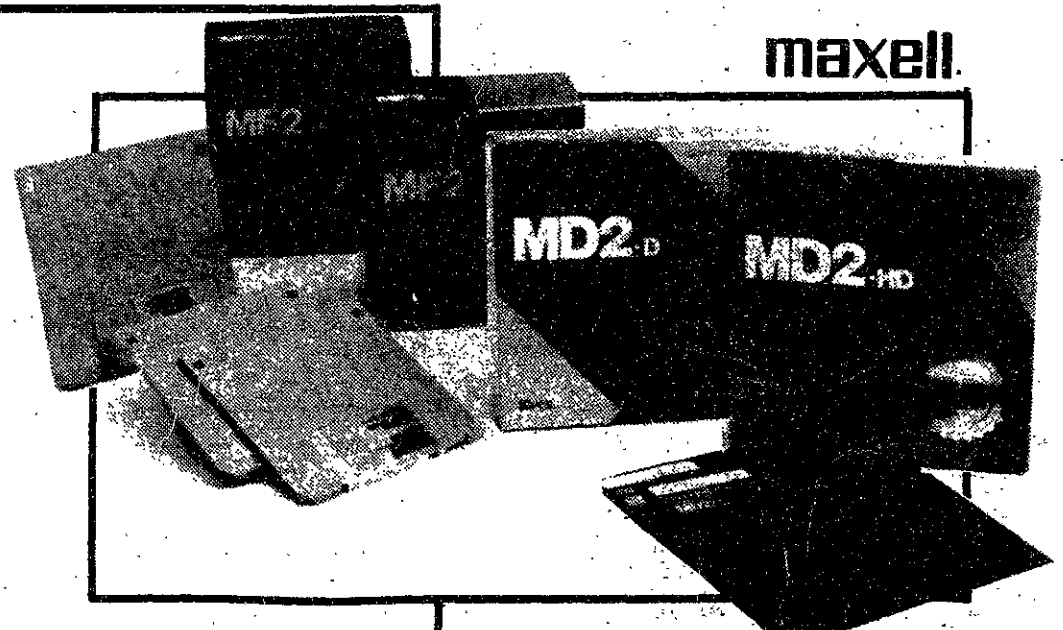
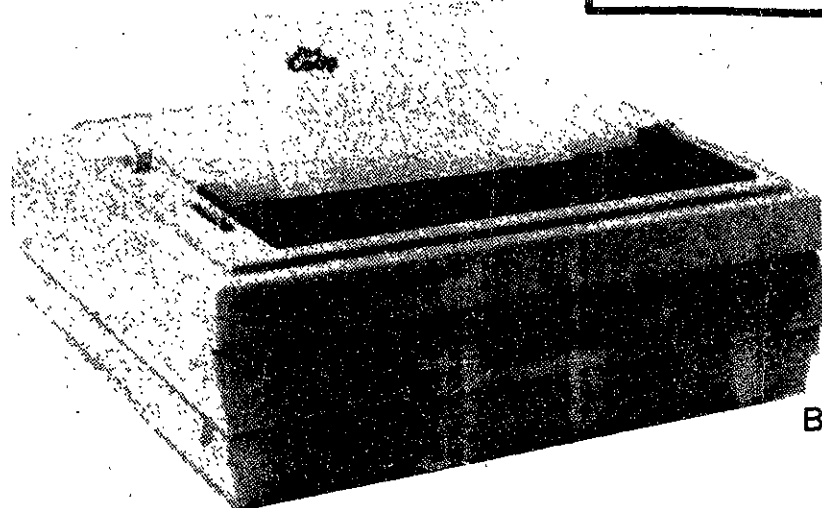


SAVE \$50

A. Panasonic KX-P1180 9-Pin Near Letter Quality Printer.
It prints up to 192 CPS in draft mode and 38 CPS in near letter quality mode. Reg. \$249.95 **SALE \$199.95**

SAVE \$60

B. Panasonic KX-P1124 24-Pin Letter Quality Dot Matrix Printer.
Comes with built-in fonts. Prints up to 192 CPS in draft mode and 63 CPS in letter quality mode. Rear, bottom or front paper load. Reg. \$379.95 **SALE \$319.95**



Save With The Best!

Maxell Floppy Disks At Savings Of \$2-\$5.
For quality and reliability, be sure to trust your work to Maxell. Maxell is the gold standard of floppy disks.
MF2-DD 3.5" DS/DD.
Reg. \$14.95 **SALE \$11.95**
MF2-HD 3.5" DS/HD.
Reg. \$29.95 **SALE \$24.95**
MD2-D 5.25" DS/DD.
Reg. \$ 9.95 **SALE \$ 7.95**
MD2-HD 5.25" DS/HD.
Reg. \$17.95 **SALE \$14.95**

HARVARD SQUARE
CAMBRIDGE
M-SAT 9:20-5:45
THUR 'TIL 8:30

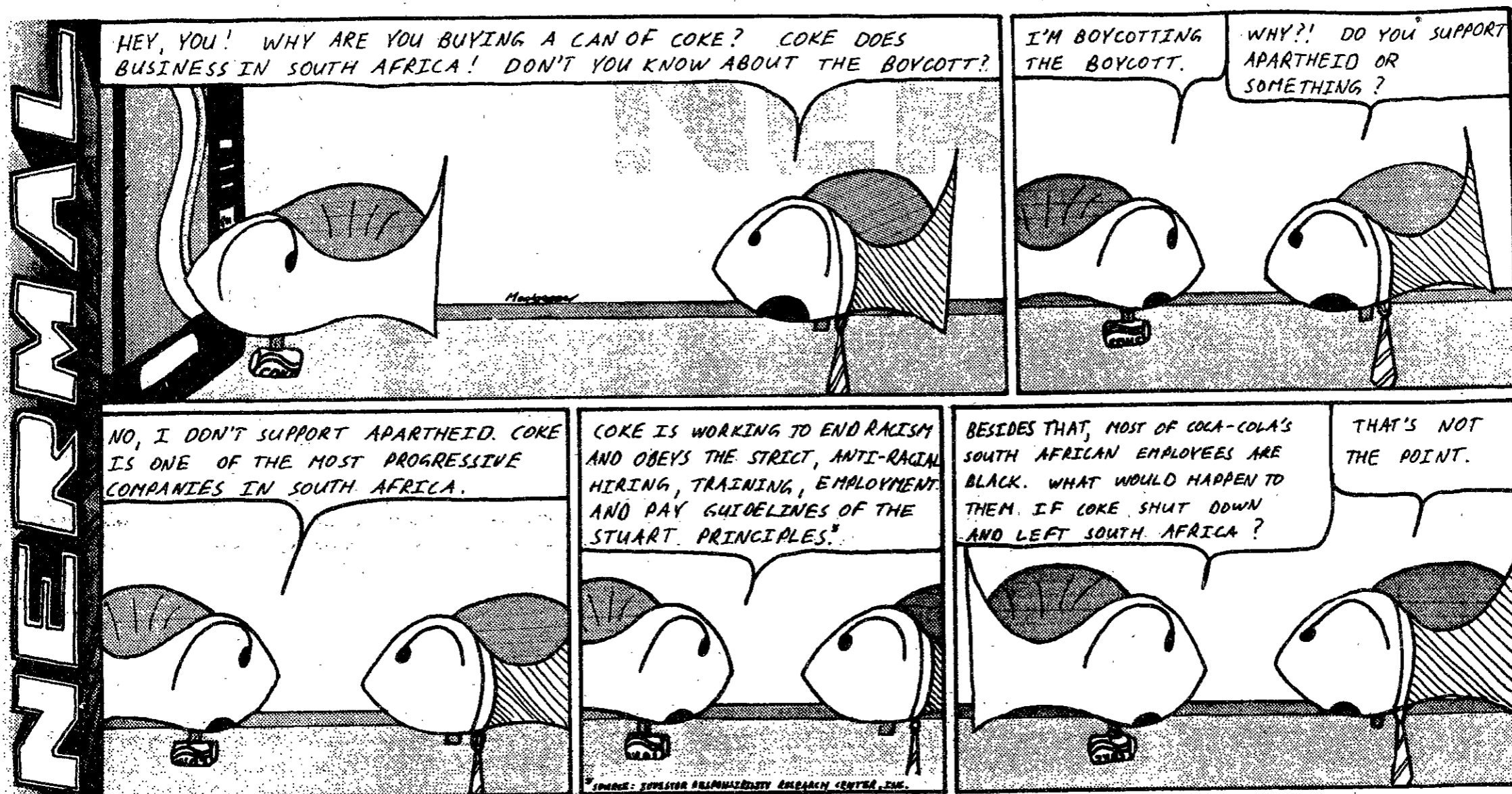
MIT COOP AT KENDALL
3 CAMBRIDGE CENTER
M-F 9:15-7 THUR 'TIL 8:30
SAT 9:15-5:45

COOP AT LONGWOOD
333 LONGWOOD AVE
M-F 9:15-7 THUR 'TIL 8:30
SAT 9:15-5:45

COOP CHARGE, MASTERCARD, VISA AND AMERICAN EXPRESS ARE WELCOME!
FREE PARKING AT HARVARD: 1 HR. CHURCH ST LOT OR 2 HRS UNIVERSITY PL OR CHARLES SQ GARAGES.
FREE PARKING AT KENDALL: 2 HRS M-F 1 MEMORIAL DRIVE PKG. GARAGE OR AFTER 5 WEEKDAYS AND ALL DAY SAT AT CAMBRIDGE CENTER GARAGE.
\$1 PARKING AT LONGWOOD: BEHIND THE COOP AFTER 5 AND ALL DAY SAT.
*WITH SALES RECEIPT SHOWING \$5 MIN. COOP PURCHASE. VALIDATE AT CARRIER'S DESK AT THE COOP.



comics



Your foreign language ability is valuable!

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 German and French. Many other languages 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. DePhillips 864-3900

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

LEARN RUSSIAN ON THE BLACK SEA!

The programmes are organized by Dafna Ronn-Oxley of Virtus Limited in cooperation with Sigma, a privately-owned Russian cooperative in Sochi, Russia. There will be 2 sessions: June 8 – July 11 and July 6 – August 8. Each session includes 80 hours of class work taught by qualified teachers at the university level plus 20 hours of class discussion, and also excursions in the area.

COST: 1st SESSION – \$2500. Price includes the course itself, accommodations with local Russian families, 3 meals per day, excursions and all air and land transportation. **2nd SESSION – \$2680.** Price includes all of the above + 4 days in Moscow.

FOR INFORMATION CALL 1-800-274-9121 (24 hours a day) and leave your name and address. You are invited to an OPEN HOUSE MEETING on WEDNESDAY, FEBRUARY 28, 1990 between 3:00 – 7:30p.m. at the Harvard Faculty Club, 2nd floor 20 Quincy Street, Cambridge.

ATTENTION

ALL COMPUTER SCIENCE AND ELECTRICAL ENGINEERING SENIORS

**You're Invited!!
 Technical Information Session**

Learn About Opportunities in Marlborough, MA and Fort Lauderdale, FL with

Encore Computer Corporation

Wednesday, February 28, 1990
 7:00 – 8:00 p.m.
 Room 4-149

**** Refreshments Will Be Served ****

This Weekend's Movies From



Feb. 23-25, 1990

For movie descriptions, call the LSC MOVIELINE 258-8881

FRIDAY CLASSIC

Federico Fellini's

LA DOLCE VITA



6:30 in 54-100

FRIDAY



7 & 10 in 26-100

SATURDAY



7 & 9:30 in 26-100

SUNDAY

Casablanca



Humphrey Bogart
 Ingrid Bergman

6:30 & 9:30 in 26-100

W

ould You Like to Add Anything?

There are opportunities to work with our teams in Applications, Systems, Networking, and Multimedia. If you are about to graduate with, or are working towards, a Bachelor's, Master's or PhD degree in Computer Science, Electrical Engineering, Math, Physics, or related technical degree, then we want to hear about your microcomputer programming experience, design skills, and/or exposure to managing projects.

Microsoft will be interviewing on campus for Software Design Engineers and Program Managers on:

February 28, 1990

See your Career Planning and Placement Office for more details.

"Microsoft has the best summer intern program I've ever heard of. Interns get to work on real products and have real responsibility. In my four summers as an intern, I have gained invaluable real-world experience, things you can't learn in school. This summer I worked as a software developer for OS/2 Presentation Manager Excel, optimizing vital parts of the spreadsheet. In past summers, I wrote parts of Word, Mail, and internal tools. I've led meetings, worked with a Vice-President of another company, and yes, even talked to Bill Gates. You can get a summer job in a lot of places, but few can walk into an office or store, point at a top-ten product and say, 'I helped write that!'"

*George Hu.
Software Design Intern
SB MIT (6-3) 1989*

"As a Program Manager, I run my own show. I define the desired product, determine the needs of the developers, then work with marketing to distribute the product all over the world. I interact with major corporations, design documentation teams, courseware developers, and actually program to customize our product. I can't imagine having the freedom and impact I enjoy here being offered at other companies."

*Bill Johnson
Program Manager
MIT BS (16) 1988*

"MIT is intense—so is Microsoft. MIT taught me how to think—Microsoft taught me how to program.

There's always a lot of challenge; we create better products with fewer people than anyone else. That means we use only the best people. Nothing matches the ego rush of shipping a product that all the magazines talk about and people love, and that opportunity exists at Microsoft.

My position at Microsoft involves working with a number of projects, rather than being assigned to just one. My focus is on what I consider the essence of computer science to be; making the code better (faster, smaller and bug-free). Code is where the action is, and Microsoft let's me be at the heart of it."

*Doug Klunder
Software Design Engineer
MIT SB (6-3) 1981*

"Working in Advanced Technology, I got to work on some very exciting projects that my manager chose specifically to match my interests in computers. I spent most of the summer working on a simulator that Microsoft will use for in-house decisions and to influence microprocessor design. I read papers and was kept informed on proprietary information about future microprocessors that Microsoft was exploring. I was even flown to SIGPLAN and had the opportunity to meet with prominent architects. I would have been bored with straight coding, so I'm glad my job involved so much thinking and learning."

*Ellen Spertus
Software Design Intern
MIT (6-3) 1990*

Microsoft

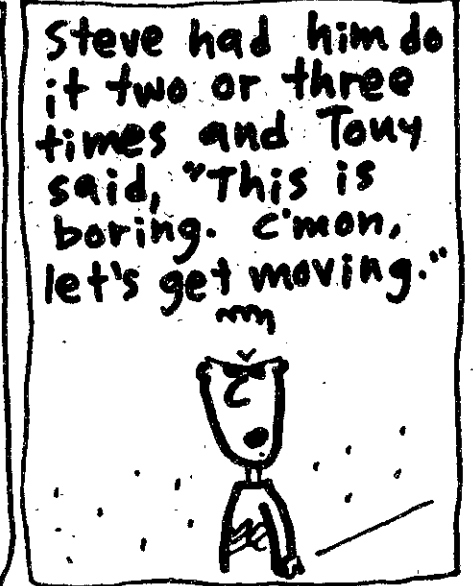
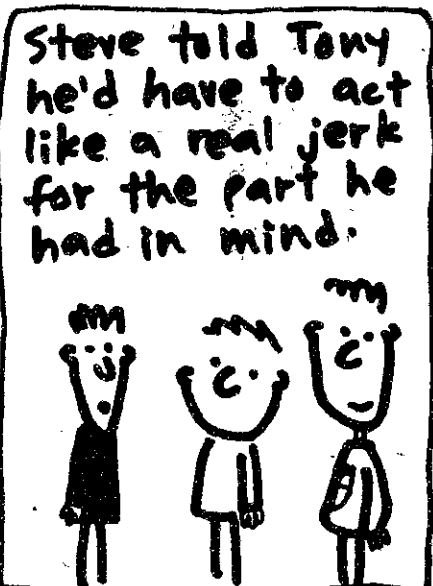
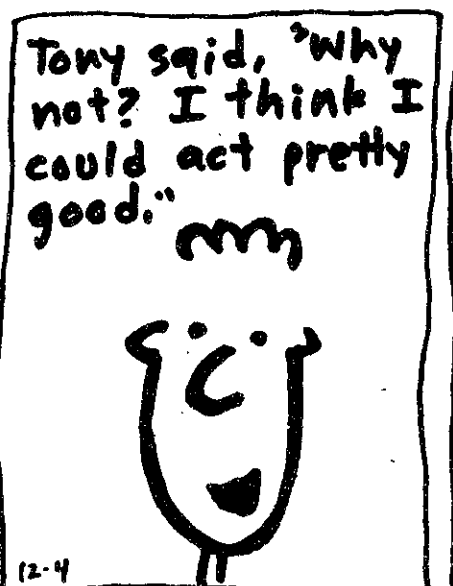
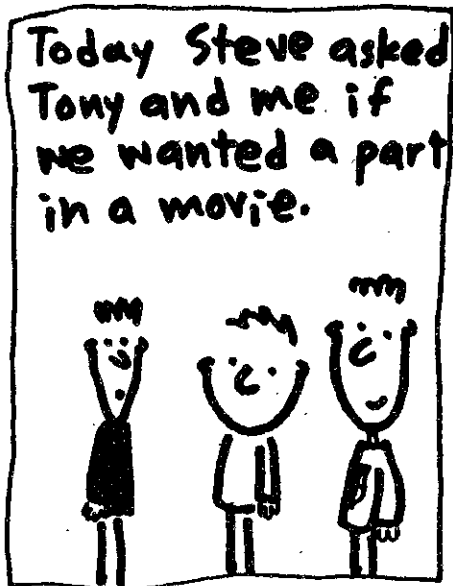
We are an equal opportunity employer.

**HARDCORE
SOFTWARE**

comics

Jim's

Journal



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.

Need Legal Assistance?
I am an attorney and MIT graduate who can provide effective legal assistance and representation in all areas. Conveniently located near Central Square. Sliding scale rates available. Call Isaiah Shalom '66, 864-8055.

Attention: Easy work, excellent pay! Assemble products at home. Details. 1-602-838-8885 Ext. W-4058.

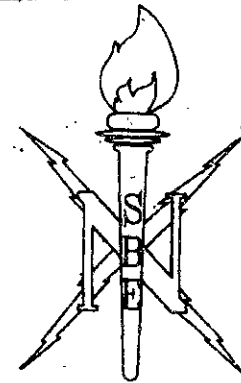
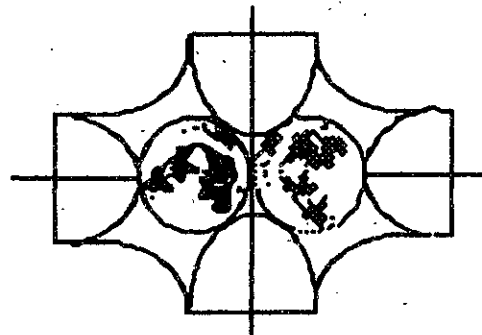
The Tech Subscription Rates: \$17 one year 3rd class mail (\$32 two years); \$44 one year 1st class mail (\$86 two years); \$49 one year foreign; \$8 one year MIT Mail (2 years \$15). The Tech, W20-483; or PO Box 29, MIT Branch, Cambridge, MA 02139. Prepayment required.

ACCESS II Macintosh
Cash paid for new and used Macintosh hardware. We buy and sell. Call for a quote on your hardware for sale or on a system to buy. Carleton 800-783-4198.

Electrical Engineer to construct invention prototype in return for share in future profits, or cash. Knowledge of TV broadcast and signal encoding technology necessary. Please write to Mike Mullone, 17 Mason St., Hudson, MA 01749.

Guitar Lessons
Play better, learn faster, understand more. Experience professional musician and former Berklee tutor offering instruction in Blues, Jazz, Folk, Rock and other styles. Focus on musical and technical skills. Call Brian Seeger at 661-8764.

Navigation Technologies Inc., a start-up robotics company, has positions available for engineering and computer science students interested in developing guidance and control software for autonomous vehicles. These are part-time positions, available immediately, with opportunities for fulltime employment during the summer. To qualify, you must have knowledge of the C programming language. Familiarity with C++ and object-oriented programming is a definite plus. Ideally, you will have experience writing software for controlling mechanical systems. You must own or have access to an Apple Macintosh computer. Please forward your resume to: Personnel Director, Navigation Technologies, Inc., 31 Hunting Street, Cambridge, MA 02141 (617) 661-6652



CAREER FAIR

FRIDAY
FEBRUARY 23, 1990
10:00 am- 6:00 pm

MIT du Pont Gym (Bldg W31)

(Corner of Mass. Ave. & Vassar St.)

EVERYONE WELCOME

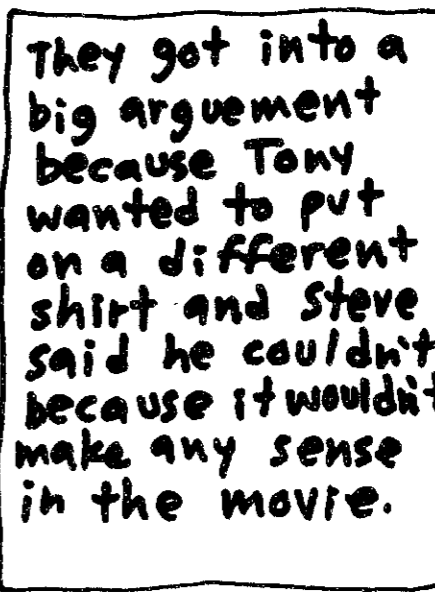
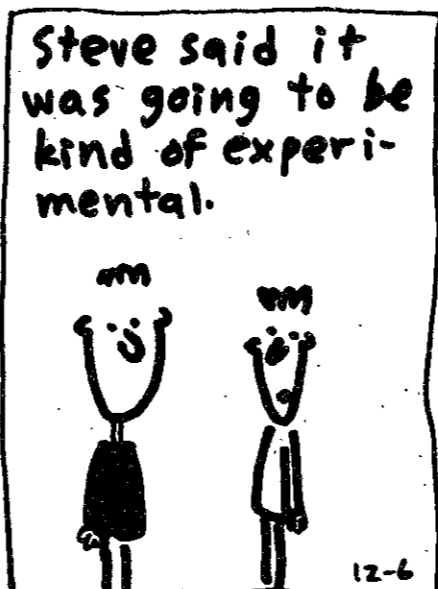
COMPANIES ATTENDING INCLUDE

- | | | |
|-----------------------------|----------------------------|---------------------------------------|
| Apple Computer | AT&T Bell Labs | Boise Cascade |
| Booz Allen & Hamilton | Bellcore | Cray Research |
| Bull World Wide | Chevron | Dow Chemical |
| Digital | Draper Labs | Ford Motor Co. |
| US EPA | DuPont | Procter & Gamble |
| General Electric | GE-Knolls Atomic Power Lab | Honeywell |
| GTE Govt. Systems Corp. | Hewlett Packard | Institute for Defense Analyses |
| Hughes Aircraft | IBM | Microsoft |
| Intel | McDonnell Douglas | Morrison Knudsen Corp. |
| MITRE Corporation | Monsanto Chemical Co. | National Security Agency |
| Motorola | NASA-Langley Research | Pacific Gas & Electric Co. |
| Natl Transp. Safety Board | Oracle | S. New England Telecommunications |
| Rockwell International | Schlumberger | Texaco |
| S. California Gas Company | 3M | Goodyear |
| Xerox | General Motors | Motorola Inc. |
| Rockwell Int. Space Transp. | Exxon | Systems Research & Applications Corp. |
| Rohm & Haas | Harrison Radiator-GM | |

comics

by

Jim



SOFTWARE DEVELOPMENT ENGINEERS



"Fundamental teamwork, extraordinary challenges... at Digital."

There is much more to Digital than being one of the world's leading computer companies. Currently ranked in the top 50 of Fortune 500 companies, our success is largely due to small teams of talented individuals. Our small-team approach creates immediate on-the-job challenges that most graduates don't experience for months or even years. Our large-scale operations provide for a multitude of career paths.

Our Western Software Laboratory, located in Palo Alto, California, is the focal point for UNIX* operating systems workstation development software for Digital. This group is involved in the development of enabling system software for highly interactive workstation applications running in a distributed environment.

This system software includes UNIX operating systems drivers for displays and multi-media devices, X Window** system servers, X libraries and toolkits, lower level X clients, multi-media servers and toolkits, and related tools and debuggers. The group is also responsible for the packaging and release of the software components that it develops for integration with base system components.

Ideal candidates will have strong interests and skills in system software development with a workstation focus. A solid understanding of operating systems basics, working knowledge of UNIX operating systems and C for interactive and distributed applications, and graphics principles is highly desirable. An understanding of X and audio and video basics would be a strong plus.

We have positions for both BS/MSCS or EE graduates (ideally with a B/B+ average in Computer Science). U.S. Citizenship or permanent residency is required.

On-campus interviews are scheduled for Tuesday, February 27. Please sign up for interview at the Placement Office.

If interview is not convenient, please send your resume to Employment Dept. 0223 MITT, CA, Digital Equipment Corporation, 130 Lytton Ave., Palo Alto, CA 94301.

We are an affirmative action employer.

Digital has it now.

*Registered trademark of AT&T
**Trademark of Massachusetts Institute of Technology

ORCHESTRATING DESIGN SOLUTIONS

JAM SESSION

On-Campus Jam Session March 14, 1990 On-Campus Interviews March 15, 1990

In 1782, in the court of Emperor Joseph II, a brash young composer named Wolfgang Amadeus Mozart set the music world on its ear. A radical departure from the current fashion in music, he set a new standard for style and composition.

It has always been so. The old guard surpassed by a new wave. It's true today in the area of Integrated Circuit Design Automation (ICDA)—software tools used in the design and development of ICs and electronic systems. Cadence broke with the conventional order to create the industry's only completely open and integrated ICDA software solution. Our high-performance tools are coordinated into one harmonious environment, allowing the user to arrange the entire IC design process from design entry to final verification.

Our approach to integrating the IC design has made Cadence the leader in ICDA software. And now we're building on our expertise in IC design and expanding our range to include a full line of products for the overall Electronic Design Automation (EDA) market, a much broader market than ICDA. We are a financially secure, fully resourced company, and we're growing at 80% a year—over three times as fast as the industry average. With the recent merger with Gateway Design Automation Corporation, now called our Advanced Computer-Aided Engineering (CAE) Division, we are able to challenge the top vendors in the systems design software market. And our new Advanced CAE Division will continue to market the Verilog logic simulation software

products, bringing new strength to our market penetration efforts in Europe and Japan.

The expertise we've acquired by orchestrating different elements and helping them to work in concert is reflected in our workplace. At Cadence all team members, veteran and recent grad alike, are involved in a creative process infused with intelligence, enthusiasm, and personal commitment. For you, this means unparalleled opportunity for achievement and a forum in which your ideas are listened to and valued.

When you begin your job search, consider Cadence. And if you are graduating in any of the following areas, don't miss our on-campus jam session and interviews.

EE, CS, Math, Physics
BS, MS, Ph.D., with CAD/CAE software experience a plus

Marketing
MBA only, with technical background preferred



Cadence Design Systems, Inc.
555 River Oaks Parkway
Job MITNJ
San Jose, CA 95134

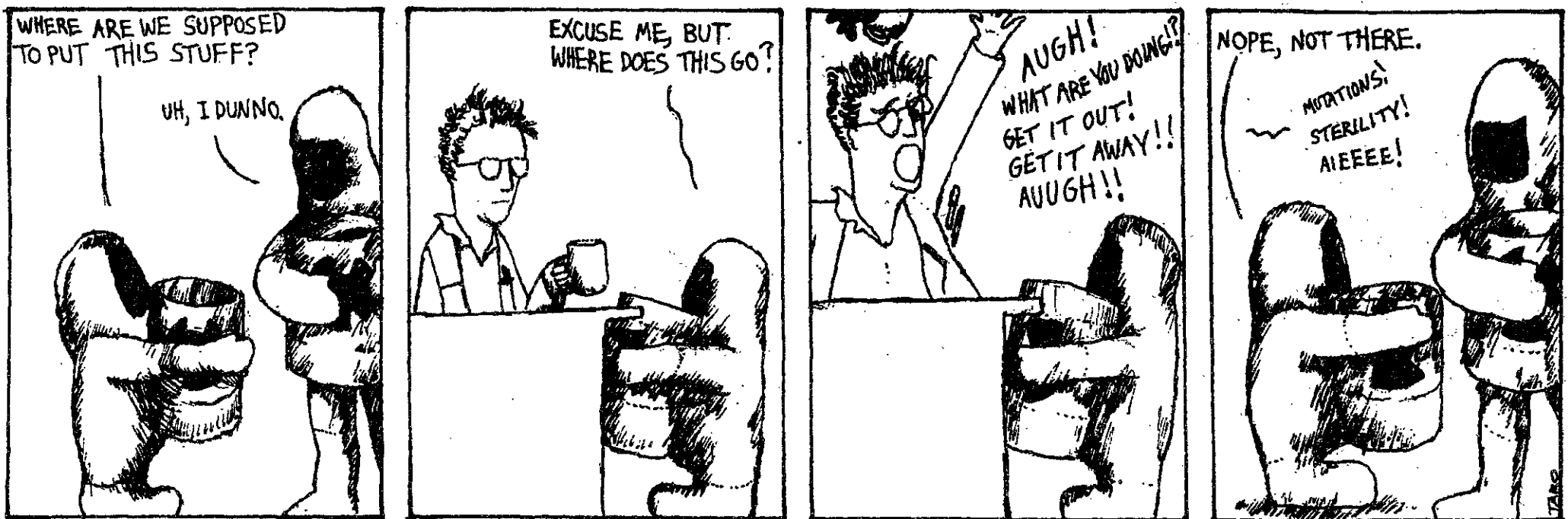
We are an equal opportunity employer.



comics

FUB

TARO OHKAWA



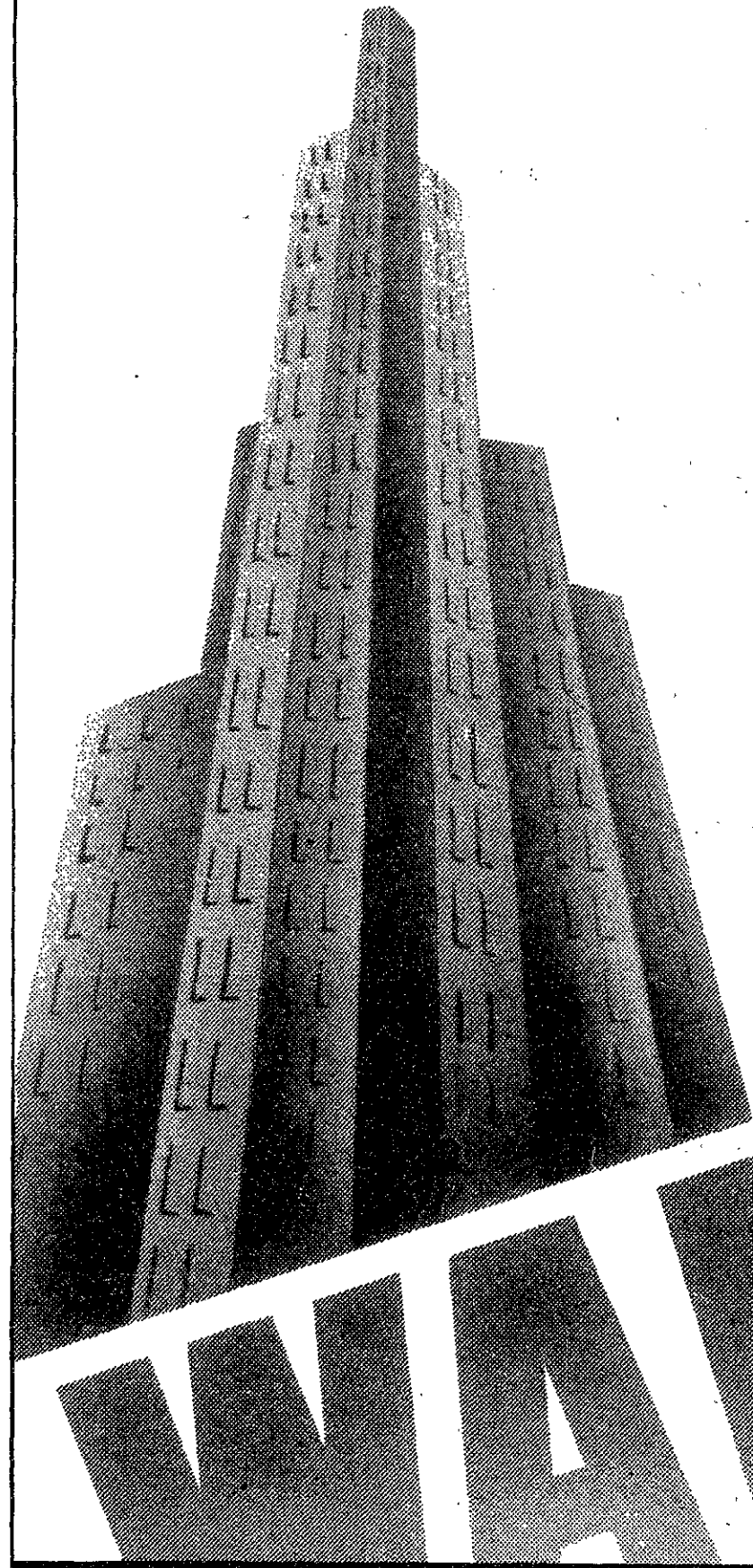
If you're a Computer Science, Engineering, or Math major, consider our road to success.

Information Technology Training Program

Perhaps you haven't heard of the career potential Wall Street offers to graduates with technical expertise. But if you're interested in the challenge and rewards of solving technical problems for a leading investment banking firm, as well as, developing the information systems that will drive tomorrow's world markets, there's a place for you at Salomon Brothers.

Our Training Program for Applied Science and Technology graduates not only gives you the chance to broaden your skills, it teaches you how to apply them in a dynamic business. As one of the world's most technologically advanced financial institutions, Salomon Brothers offers a wide variety of professional opportunities where analytical minds can thrive.

For more information contact Kathleen McCrain, Salomon Brothers, 55 Water Street, 28th Floor, New York, NY 10004. We are an equal opportunity employer.



WALL STREET

Salomon Brothers Inc

Our Recruiters will be on the MIT campus February 26 for an Information Session. Contact the Placement Office for dates and times.

ARTS

Mike Jittlov recounts tribulations of moviemaking

MIKE JITLOV*Presented by the MIT Lecture Series Committee.
Room 10-250, Feb. 17.*

By REUVEN M. LERNER

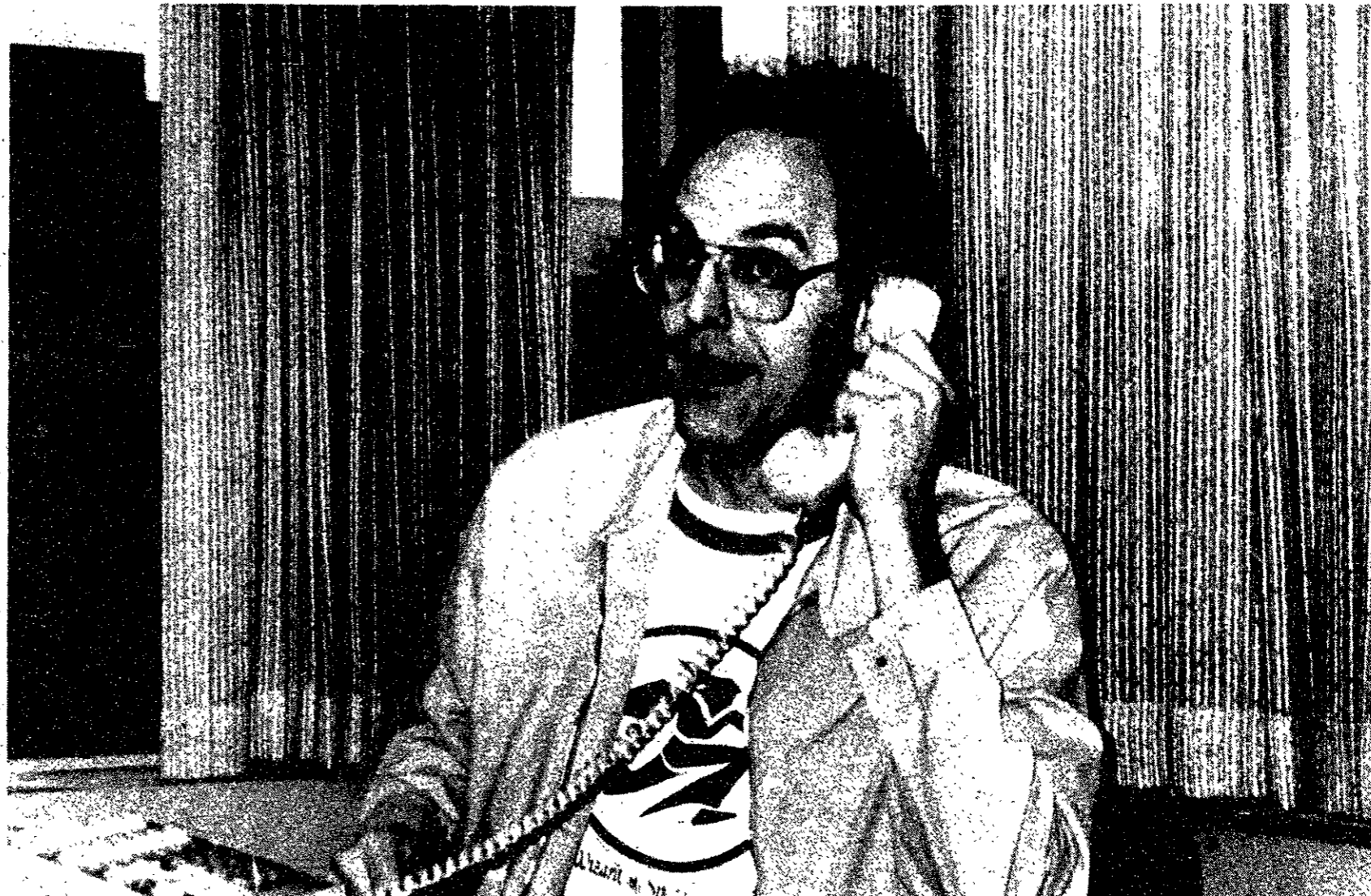
MIKE JITLOV is possibly one of the most creative and skillful animators ever to have lived. Unfortunately, his genius has not yet led to legendary Hollywood fame and fortune. If his presentations in last Saturday night's "Jittlov Day" are any indication, though, the tide may be turning in his — and our — favor.

Jittlov, who has been animating ever since he took a mandatory arts class while a student at UCLA, spoke briefly and then answered questions from the audience for over two hours. The questions — which ranged from "what do you plan to do next?" to "why don't you shake hands?" — proved almost as entertaining as some of the answers.

Many questions related to his full-length film, *The Wizard of Speed and Time*, which was roughly based on his short film of the same name. Jittlov described some of the many problems he encountered during production, chief among them his partner and producer, Richard Kaye. After describing some of the problems he claimed Kaye had caused, Jittlov played part of a less-than-flattering recorded conversation between the two of them.

Jittlov also told the audience about the many problems involved in distributing *Wizard*. He said that the movie had simply not done well in Seattle, where it originally opened. When it came to Boston last fall, however, the movie proved a smash success, running for three weeks longer than the one night originally expected. Jittlov pointed out that just as *Wizard* was doing well in Boston, the distribution company moved it to a different theater in a local suburb.

The close feelings that Jittlov has for his movie were obvious. He told the audience



Reuven M. Lerner/The Tech

Mike Jittlov, the Wizard of Speed and Time, stops to visit *The Tech* office.

about how he had placed his entire life savings into the film, hoping that Kaye would produce the keys to success. Instead, he noted wryfully, he learned that the best advice for aspiring filmmakers is to "watch your backs."

All of the problems associated with *Wizard* haven't changed Jittlov's love for animation and filmmaking, however. In a post-lecture interview, he described his work as "a labor of love; you do what you think is right." He said that his films are often shown at science fiction conventions,

and added that "I sometimes get calls from libraries."

Jittlov, who held about 85 staff positions in *Wizard*, was pleasantly surprised by the response students at MIT gave his movies. He was not sure, however, what other campuses thought of his movies. "This is the first," he said.

Will there be a sequel to *Wizard*? Or will he simply produce more shorts? "After this screening, I just might. I'm trying to figure out right now what to do — whether to make shorts or feature films,

or to go on to something else," Jittlov said.

For now, at least, Jittlov is "helping friends" in their movies, working as "a free consultant in Hollywood." He doesn't get too involved, though, since movies are, in his words, "their chance to express their own creativities."

Why does he work on movies? "I'm at a point in my life right now where I just want to leave a good gift behind. It's nice to do something that people really enjoy watching."

ORACLE MIT ALUMS

PRESENT

DISTRIBUTED COMPUTING IN THE REAL WORLD - OR - MANAGING THE MAYHEM

- Numerous network technologies have been invented, each deemed the "right solution". Why doesn't the market simply adopt the true "right" one?
- What does the distributed computing world look like today, and how will it look 5 years from now?
- What is it about certain software products which allow them to impact the real world?
- I thought Oracle was a database company; why Oracle and networks?
- Who are these guys?

Oracle recently created a start-up group focusing on innovative distributed computing technologies for the real world. Fearless Leader Smokey Wallace (previously DEC WSL, Xerox PARC, SRI, BBN,...) and key technical members of the group will present a perspective on the above questions, as well as entertain general questions, potshots, and flames.

WHERE: 10-250

WHEN: MARCH 1, 7PM

Friday, Feb. 23

On The Town

Compiled by Peter Dunn

CONTEMPORARY MUSIC

Otis Rush performs at 8 pm & 11 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Tickets: \$11. Telephone: 497-8200.

The Walkers, Border Patrol, and Savage Garden perform at T.T. the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Uprising performs at 10 pm at the Western Front, 343 Western Avenue, Cambridge. Also presented Saturday, February 24. Telephone: 492-7772.

The Motor City Rhythm Kings perform at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

Farrenheit, The Swinging Steaks, Sticks & Stones, 145, and Hot Tin Roof perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Admission: \$6.50/\$7.50. Tel: 451-1905.

Barreca Whitfield & The Savages and Big Town perform at 8 pm at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

Executive Slacks perform in an 18+ ages show at Ground Zero, 512 Massachusetts Avenue, Cambridge. Telephone: 492-9545.

Big Blues Measles and Double Up perform at 7:30 at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$5. Telephone: 426-7744.

The Harvard Veritones and the Yale Purple Crayon perform at 8 pm in Sanders Theater, Quincy and Kirkland Streets, Cambridge. Tickets: \$5. Tel: 493-3133.

*** CRITICS' CHOICE ***
 'Til Tuesday, Judy's Tiny Head, and Jet Black are presented by the Boston Film/Video Foundation in a 21+ ages show at Axis, 13 Lansdowne Street, Boston, near Kenmore Square. Rip in Heaven (1990, Thomas Ott, Rhonda Richards, & Karen Silverstein), a documentary film on 'Til Tuesday, will also be presented. Tickets: \$12 general, \$10 BF/VF members. Telephone: 262-2437.

(Please turn to page 17)



Michael Hausman and Aimee Mann of 'Til Tuesday, at Axis on February 23.

The Tech Performing Arts Series proudly announces...

THE MAGIC FLUTE

Spectacular Offer!

\$50 opera tickets for \$10!

A limited number of \$50 seats for the March 8 (8 pm), 11 and 18 (3 pm) performances of Mozart's *The Magic Flute* (to be sung in English) by the Opera Company of Boston, Sarah Caldwell, conductor, will be available for \$10 at the Technology Community Association, W20-450 starting Tuesday, Feb. 27. Sorry, but due to the restricted supply of tickets available at discount, this offer is open to MIT students only. Valid MIT student ID required for purchase. Office hours posted on the door. Please call x3-4885 for further information.

The Tech Performing Arts Series is a service of The Tech, MIT's student newspaper. This offer organized by The Tech in cooperation with the Technology Community Association — MIT's student community service organization — and The Opera Company of Boston.

Why Choose Hewlett-Packard?

Let's talk about it . . .

careers presentation

to be held on

**Tuesday, February 27, 1990 from 5:30 to 7:30 p.m.
 in MIT Room 9-150**

- SLIDE SHOW
- REFRESHMENTS
- HP CALCULATOR DOOR PRIZE

**Campus Interviews February 28, March 1, 2, 1990
 Sign up at the Placement Office, MIT Room 12-170**

HEWLETT



PACKARD

ARTS

The Tech Performing Arts Series presents. . .**CANADIAN BRASS**

The Canadian Brass have delighted music lovers with a repertoire that combines classics, pops, and comedy. Program will include works by Purcell, Gabrieli, Bach, Gershwin, Handy, Mozart, Barber, and Bizet. A Bank of Boston Celebrity Series event.

Symphony Hall, March 2 at 8 pm.

MIT price: \$6.

GUSTAV LEONHARDT

The renowned Dutch harpsichord master is among the most influential early music specialists in the world today. A Bank of Boston Celebrity Series event.

Jordan Hall, March 9 at 8 pm.

MIT price: \$6.

ALVIN AILEY AMERICAN DANCE THEATER

For 30 years, they have been the heart and soul of American dance. *The New York Times* says: "The most popular dance company on the international circuit . . . colorful and courageous." A Bank of Boston Celebrity Series event.

Wang Center, March 13, 14, and 15 at 8 pm.

MIT price: \$9.

Tickets are on sale at the Technology Community Association, W20-450 in the Student Center. Office hours posted on the door. Call x3-4885 for further information.

The Tech Performing Arts Series, a service for the entire MIT community, from The Tech, MIT's student newspaper, in conjunction with the Technology Community Association, MIT's student community service organization.

A thoughtful Coitus Interruptus**COITUS INTERRUPTUS**

By Kathy Marmor.

At Mobius, Feb. 16 and 17.

By ELIZABETH WILLIAMS

BILLED AS "a performance about sexual politics and modern love," *Coitus Interruptus* is about sexuality's role in the definition of the female identity. Kathy Marmor, who wrote and performed this multimedia piece with Meredith Sibley, looks at mythological roles of women and how these relate to modern woman. Her study uses the three characters, Medusa, Eve, and Pandora.

Last Friday's performance was sold out and a second show was added that evening for those on the waiting list. This was no surprise, for the performance was electric, in both its message and its use of mixed media. Marmor started with a monologue in which she portrayed a woman haunted by nightmares of an ex-lover who has taken his revenge on all women for being jilted by one. It was frightening reminder of the Montreal murders of last December.

From this powerful piece Marmor moved on to a series of brief scenes. Ex-

amining the perception of female beauty, she draws makeup, hair and earrings with crayon on a projected slide of a baby, polluting the baby's image with the adornments of a "beautiful" adult female. In stereo the audience listens to a series of questions — "have you ever been satisfied?", "have you ever been deceived by someone you care about?" In other scenes she deals with pregnancy, rape and lesbian love. She explores women's sexuality with a piece on the taboo of masturbation. Marmor's feelings of anger, pain, frustration and injustice came through clearly in an emotional performance.

Use of varied media enhanced the message. Marmor interacted with projected slides and used interviews on video and audio tape to expand the performance beyond Sibley and herself. The music used was powerful and often ominous.

Sibley played a smaller part and did not act with the passion Marmor did. The performance was a little under an hour long. This was a refreshing change from the two hour standard for theater. *Coitus Interruptus* said what it wanted to concisely and insightfully, leaving the audience with something to go home and think about.

three kugels (two for him) but my dad accidentally dropped one of them. (I thought it was pretty funny — but my brother seemed unable to see the humor in the situation.) After a couple of years of this my mother finally decided that the easiest way to end the kugel wars was to stop baking

them — and she's kept to that policy for 10 years.

Kugel is a great thing to make if you're stuck cooking for a study break because it's easy to make a lot of it, and everyone I know who's tried it (even Dave across the hall who hates cooked raisins) has liked it.

KEVIN'S KITCHEN

By KEVIN FRISCH

"A FOOD COLUMN in *The Tech* . . . you're kidding!" That was a fairly common response from people when I mentioned the idea. But the way I see it, even if you can manage 60 hours on no sleep, you have to eat, and after a while of going between Ramen and ARA your tastebuds are begging for mercy. So in this weekly column I'll try to give recipes that I use regularly (taste tested), that don't require much preparation, and that are fairly easy to make. The first recipe, for kugel, is so easy to make and so good tasting that it's perfect for anyone who eats (which is most of us).

This Kugel recipe is a family favorite, but along with it goes an ugly tale — one of greed, thievery, disaster, and ultimate loss. My mother started making kugel for me when I was six, as a good-tasting source of protein; and, when my 17-year-old brother tasted it and loved it, she started making two pans — one for each of us. Unfortunately, things got ugly in a hurry when my brother decided that, because he was older and bigger than I was, he should get more kugel. So, not only did he constantly complain about my mother making us equal portions, but he was also known to steal pieces of my kugel when it was in the refrigerator — unguarded. One time my mother actually broke down and made

Cinnamon Raisin Kugel

½ pound egg noodles
(Muellers 'medium' work well)
3 eggs, beaten
1½ containers (24 oz.) of cottage cheese
½ stick of butter
½ cup brown sugar, packed
½ tsp salt
2 tsp cinnamon
1½ to 2 cups raisins

Preheat oven to 350°F. Cook the noodles according to the directions on the package, and drain well. Combine all ingredients one at a time, mixing well after each.

Pour into an 8x8x2 inch greased pan, sprinkle some additional cinnamon on top, and bake on middle rack for about an hour — until it is solidified. Let cool before serving. Makes 9 portions.

If you wish, you can substitute one cup of crushed pineapple for one of the cups of raisins. Or better yet a cup of any sweet fruit you want.

Good luck and good eating!

(Please write to kevinf@athena if would like to see more recipes of a certain type in this column, or have any comments or suggestions. — KF)

classified advertising

Attention: Earn money reading books! \$32,000/year income potential. Details: 1-602-838-8885 Ext. Bk4058.

Watertown

Looking for M/F non-smoker to share large 2 bedroom apt. \$375/month includes off street parking, W/D hookup. Quiet neighborhood on T route. Call Lori 926-6623.

For Sale

IBM Compatible mini-computer display station video terminal, keyboard and 80 character printer. System configures to 3/360, s/370, 4300 or IBM 3276 series. Never used (have Macintosh system). \$350.00 or best offer. (617) 666-3741.

Spring Break 1990! Party Jamaican style! One beautiful week starting at \$469.00!! Hot days and reggae nights!! Organize group and travel free!! Call Sun Splash Tours 1-800-426-7710.

COUNCIL FOR THE ARTS AT MIT

HEAR THE BSO



SEE MONET

STUDENT EXCURSIONS:

Pre-register in the Office of the Arts (E15-205) February 23-March 2 (NO PHONE RESERVATIONS). Round-trip transportation provided. \$10 refundable deposit.

Monet in the 90s at the Museum of Fine Arts:

March 5; March 19; April 9 (All Mondays). Reserved time of entry: 3:30pm only. On day of trip, tickets will be distributed at 3pm in the E15 Lobby.

Boston Symphony Orchestra concerts:

Fri, March 9, 2pm, Concert
Seiji Ozawa, conductor;
Anne-Sophie Mutter, violin

BACH/SAITO Chaconne in D Minor
BERG Violin Concerto
BEETHOVEN Symphony No. 5

Wed, March 21, 7:30pm, Open Rehearsal
Bernard Haitink, conductor
Maurizio Pollini, piano

COPLAND *Appalachian Spring*
BEETHOVEN Piano Concerto No. 4
STRAVINSKY *Petrushka*

Tickets distributed 1/2 hour before concert in the E15 Lobby.

BSA-MIT

BRAZILIAN STUDENT ASSOCIATION OF MIT

**Brazilian Week**

Wednesday, February 21

9am - 4pm, Lobby 10: Guarana (Brazilian Soft Drink) Sale and Video Exhibition on Brazil

7pm, E51-329:

A Lecture by the Ambassador of Brazil, Marcilio M. Moreira

Brazil: Future Prospects of A New Democracy

A Debate will follow and the BSA Award winner will be announced.

Thursday, February 22

9am-4pm, 1st Floor, Student Center: Brazilian Fair with native food and drinks and a video exhibition on Brazil

8pm, 26-100: BSA and LSC present

Dona Flor and Her Two Husbands

Dona Flor e Seus Dois Maridos

Friday, February 23

8:30pm-12:30pm, Walker Memorial:

Carnaval do Brasil

Jointly organized with Harvard Clube Ibero-Americano, Tufts International Club, and Wellesley Slater International & Alianza

Sponsored by the Graduate Student Council and EMBRAER

Presentation
on
Information Services
Training Program
at
MORGAN STANLEY

MIT
Monday, February 26
7:00 p.m.
Room 4-145

Sponsored by
MORGAN STANLEY & CO.
Incorporated

IS College Recruiting
1633 Broadway, New York, NY 10019

Morgan Stanley is an Equal Opportunity Employer

ARTS

On The Town

Compiled by Peter Dunn

CLASSICAL MUSIC

Cantata at Noon, Betsy Burlingh conducting, presents J. S. Bach's *Cantata BWV 12* at 12:05 in Killian Hall, MIT Hayden Memorial Library Building 14. No admission charge. Tel: 253-2906.

CRITICS' CHOICE ★ ★ ★
The Boston Symphony Orchestra, Giuseppe Sinopoli conducting, performs works by Wagner, Strauss, and Schumann at 2 pm in Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Also presented Saturday, February 24 at 8 pm. Tickets: \$17 to \$45. Tel: 266-1492.

CRITICS' CHOICE ★ ★ ★
The Juillard String Quartet performs the second concert in their cycle of complete Beethoven string quartets at 8 pm in Jordan Hall, New England Conservatory, 30 Gainsborough Street at Huntington Avenue, Boston. Tickets: \$20 and \$22 [see also reduced-price tickets offered through *The Tech* Performing Arts Series]. Telephone: 536-2412.

Handel and Haydn Society's Chamber Series presents works by Morales, Victoria, Capillas, and Lianas at 8 pm in the Church of the Advent, 30 Brimmer, Boston. Tickets: \$12.50 general, \$5 senior/student rush. Telephone: 266-3605.

The Boston Musica Viva performs works by Rouse, Shifrin, Alexander, and Ince at 8 pm in Edward Pickman Concert Hall, Longy School of Music, Follen and Garden Streets, Cambridge. Tickets: \$10 general, \$5 seniors and students. Telephone: 353-0556.

The Artaria Quartet performs as part of the Boston University *Shostakovich Festival* at 8 pm in the Tsai Performance Center, 685 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

DANCE

The Don Cossacks Song and Dance Ensemble of Rostov, USSR performs at 8 pm in the Wang Center, 270 Tremont Street, Boston. Also presented Saturday, February 24. Tickets: \$18 to \$30. Telephone: 482-2595.

The Play of Consciousness is presented by Deborah Abel at 8 pm at the Joy of Movement Studio Theatre, 536 Massachusetts Avenue, Central Square, Cambridge. Also presented February 24 and February 25 at 4 pm. Tickets: \$10. Telephone: 576-1973.

The Seven Deadly Sins, by Kurt Weill, choreographed by Anna Sokolow, is presented at 8 pm in the Boston Conservatory Theater, 31 Hemenway Street, Boston. Also presented February 24 at 8 pm and February 25 at 3 pm. Tickets: \$4, \$7, and \$10. Telephone: 536-6340.

JAZZ MUSIC

The Tommy Flanagan Trio performs at 9 pm & 11 pm at the Regattabar, Charles Hotel, One Bennett Street, Harvard Square, Cambridge. Also presented Saturday, February 24. Tickets: \$7 to \$11. Telephone: 661-5000.

FILM & VIDEO

The MIT Lecture Series Committee presents Federico Fellini's *La Dolce Vita* (*The Sweet Life*, Italy, dubbed in English) at 6:30 in 54-100 and *The Fabulous Baker Boys* at 7:00 & 10:00 in 26-100. Admission: \$1.50. Telephone: 258-8881.

CRITICS' CHOICE ★ ★ ★
The French Library in Boston continues its series *The Cinema of Jean Cocteau* with *Les Enfants terribles* (1950, France) at 8 pm at 53 Marlborough Street, Boston. Also presented February 24 and 25. Admission: \$4 general, \$3 Library members. Telephone: 266-4351.

The Coolidge Corner Theatre Foundation presents *Camille Claudel* (1989) starring Isabelle Adjani and Gérard Philipe, at 5:15 & 8:00 and *The Plot Against Harry* (1969, Roemer) at 6:00, 7:45, & 9:30, at 290 Harvard Street, Coolidge Corner, Brookline. Both films continue indefinitely with weekend screenings for *Camille Claudel* Saturday at 12:45, 3:30, 6:15, & 9:00 and Sunday at 2:30, 5:15, & 8:00, and weekend matinees for *The Plot Against Harry* at 1:15, 2:50, & 4:25. Telephone: 734-2500.

The Museum of Fine Arts continues its series *Architects on Film* with *Japan: Three Generations of Avant-Garde Architects* (1988, Michael Blackwood) at 6:00 and its series *The Films of Jan Troell* with *The Emigrants* (1971) at 7:15 in Remis Auditorium, MEA, 465 Huntington Avenue, Boston. Tickets: \$5 general, \$4.50 MFA members, seniors, and students. Telephone: 267-9300.

The Harvard Film Archive continues its series *Australian Cinema of the '70s and '80s* with *Man of Flowers* (1983, Paul Cox) at 7 pm and *Lonesome Hearts* (1982, Paul Cox) at 9 pm at the Carpenter Center for the Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children, \$5/\$4 for the double feature. Telephone: 495-4700.

The Institute of Contemporary Art begins its series *The Films of Yoko Ono* with *Fluxfilms* (1966) at 7 pm & 9 pm at the ICA Theater, 955 Boylston Street, Boston. Also presented Saturday, February 24. Tickets: \$5 general, \$4 ICA members, seniors, and students. Telephone: 266-5152.

THEATER

Blame It On the Big Bananas, Abe Rybeck's musical burlesque about "radical drag queens... on cultural exchange mission to Nicaragua," is presented at 8 pm in Kresge Little Theater. Also presented February 24 and 25. Tickets: \$10. Telephone: 262-1207.

CRITICS' CHOICE ★ ★ ★
Don Quixote, the one-man show with French actor Jacques Bourgaux, sponsored by Beau Jest Moving Theater, is presented at 8 pm in the C. Walsh Theater, Suffolk University, 55 Temple Street, Boston. Also presented Saturday, February 24. Tickets: \$10 and \$12. Telephone: 573-8680.

Devil's Disciple, by George Bernard Shaw, is presented at 8 pm in Springold Theater, Brandeis University, Waltham. Also presented February 24 & March 2-3 at 8 pm, February 25 at 7 pm, February 28 and March 1 at 10 am, and March 4 at 3 pm. Tickets: \$7 to \$10. Telephone: 736-3400.

Ghetto, Joshua Sobol's drama about a theater troupe in Vilna's Jewish ghetto, is presented at 8 pm at the Ell Studio Theatre, Northeastern University, 360 Huntington Avenue, Boston. Continues through March 3. Tickets: \$5. Telephone: 437-2247.

Suede Expectations, a "Dickensian time-travel adventure," is presented at 8 pm at the Hasty Pudding Theatre, 12 Holyoke Street, Harvard Square, Cambridge. Continues through March 20 with performances Tuesday-Friday and Sunday at 8 pm, and Saturday at 5 pm & 9 pm. Tickets: \$16 to \$18. Tel: 495-5205.

Saturday, Feb. 24

CRITICS' CHOICE ★ ★ ★
Scruffy the Cat, Brahma Caste, and Condo Pygmies perform at T.T. the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

The Del Fuegos, Brothers Kendall, Gigolo Aunts, Dharma Bums, and The Pivernets perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Admission: \$7.75/\$8.75. Telephone: 451-1905.

Sleepy La Beef performs at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

Eight to the Bar and Strong Waters perform at 7:30 at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$6.50/\$7.50. Telephone: 426-7744.

CLASSICAL MUSIC

CRITICS' CHOICE ★ ★ ★
The MIT Concert Band performs its *Tour Finale Concert*, featuring works by Bovicchi, Schwarz, St. Clair, McGah, and Hervis at 8 pm in Kresge Auditorium. No admission charge. Telephone: 253-2826.

The Boston University Symphony Orchestra performs at 8 pm in the Tsai Performance Center, 685 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

FILM & VIDEO

The MIT Lecture Series Committee presents *Young Elsteta* at 7:00 & 9:30 in 26-100. Admission: \$1.50. Telephone: 258-8881.

The Harvard Film Archive continues its series *Australian Cinema of the '70s and '80s* with a Jane Campion quadruple feature, *Peel* (1982), *Passionless Moments* (1984), *A Girl's Own Story* (1985), and *Two Friends* (1986) at 7 pm & 9 pm at the Carpenter Center for the Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children. Telephone: 495-4700.

The Institute of Contemporary Art continues its series *The Films of Yoko Ono* with *Fly* (1970) and *No. 4 (Bottoms)* (1966) at 7 pm & 9 pm at the ICA Theater, 955 Boylston Street, Boston. Also presented Saturday, February 24. Tickets: \$5 general, \$4 ICA members, seniors, and students. Telephone: 266-5152.

Sunday, Feb. 25

JAZZ MUSIC

The George W. Russell Trio performs works by Ellington, Sondheim, and Hammond at 4 pm in Old South Church, 645 Boylston Street, Boston. No admission charge. Telephone: 536-1970.

FILM & VIDEO

The MIT Lecture Series Committee presents *Casablanca* (Michael Curtiz) at 6:30 & 9:30 in 26-100. Admission: \$1.50. Telephone: 258-8881.

CRITICS' CHOICE ★ ★ ★
The Harvard Film Archive continues its series *Australian Cinema of the '70s and '80s* with *The Getting of Wisdom* (1977, Bruce Beresford) at 2 pm, *My Brilliant Career* (1979, Gillian Armstrong) at 4 pm, and *The Chant of Jimmy Blacksmith* (1978, Fred Shephard) at 7 pm at the Carpenter Center for the Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children, \$5/\$4 for a double feature. Telephone: 495-4700.

CRITICS' CHOICE ★ ★ ★
The Harvard-Epworth Church presents *F. W. Murnau's Faust* (1926) at 8 pm at 1555 Massachusetts Avenue, just north of Harvard Square, Cambridge. Admission: \$3 contribution. Telephone: 354-0837.

CONTEMPORARY MUSIC

Linton Kvesi Johnson, Sister Breeze, and Dennis Bovell & the Dub Band perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Admission: \$8.50/\$9.50. Tel: 451-1905.

Staelinninnir performs at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

New Generation performs at the Western Front, 343 Western Avenue, Cambridge. Telephone: 492-7772.

CLASSICAL MUSIC

Soprano Julianne Baird and luteist David Taylor perform works by Campion, Dowland, Robert Johnson, and others at 8 pm in Houghton Memorial Chapel, Wellesley College, Wellesley. No admission charge. Telephone: 235-0320 ext. 2028.

CRITICS' CHOICE ★ ★ ★
Pianist Maurizio Pollini performs works by Schumann, Berg, Schoenberg, and Stravinsky at 3 pm in Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Tickets: \$20, \$23, and \$25. Telephone: 266-1492.

Organist James Johnson and the Borromeo Quartet perform works by Handel, Bach, and Beethoven at 5:30 in Adolphus Busch Hall, 29 Kirkland Street, Cambridge. Tickets: \$5 general, \$4 seniors and students. Telephone: 495-4544.

Fromm Music Foundation presents a *70th Birthday Celebration for Earl Kim* at 8 pm in Sanders Theatre, Quincy and Kirkland Streets, Harvard University, Cambridge. No admission charge. Telephone: 495-0583.

Classical flutist Na'ama Lion, violinist James Johnston, violist Dana Maiben, and cellist Daniel Ryan perform works by Mozart, Haydn, and others at 3 pm in the Wolfsohn Recital Room, Longy School of Music, Follen and Garden Streets, Cambridge. No admission charge. Telephone: 876-0956.

The Boston University Percussion Ensemble performs at 8:30 in the BU Concert Hall, 855 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

Monday, Feb. 26

CLASSICAL MUSIC

Pianist Deborah Yardley Beers performs works by Bach and Debussy in a *Longy Faculty Artists Series* concert at 8 pm in the Edward Pickman Concert Hall, Longy School of Music, Follen and Garden Streets, Cambridge. No admission charge. Telephone: 876-0956.

The Diaz-Shames-Diaz Trio performs Beethoven String Trios in a *Boston Conservatory Faculty Series* concert at 8 pm in Scully Hall, 8 The Fenway, Boston. No admission charge. Tel: 536-6340.

CONTEMPORARY MUSIC

The David Bromberg Big Band performs at 8:00 & 10:30 at Nightstage, 823 Main Street, Cambridge, just north of MIT. Tickets: \$14. Telephone: 497-8200.

FILM & VIDEO

The Harvard Film Archive continues its Monday film series *French Directors* with *The Aviator's Wife* (1981, Eric Rohmer) at 5:30 & 8:00 at the Carpenter Center for the Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children. Telephone: 495-4700.

Tuesday, Feb. 27

CONTEMPORARY MUSIC
The Titanics and The Varmints perform at 7:30 at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$3.50. Tel: 426-7744.

Standard Procedure performs at the Western Front, 343 Western Avenue, Cambridge. Telephone: 492-7772.

JAZZ MUSIC

CRITICS' CHOICE ★ ★ ★
Wynton Marsalis performs at 7 pm in Knight Auditorium, Babson College, Wellesley. Tickets: \$12 general, \$2 with Babson ID. Telephone: 239-5292 or 239-5581.

The Winkler Swing Orchestra performs at 9 pm in the Regattabar, Charles Hotel, Harvard Square, Cambridge. Tickets: \$6.50. Telephone: 661-5000.

THEATER

The Man Who Hated People, the greek comedy by Menander, is presented at 8 pm in the Arena Theater, Tufts University, Medford. Continues through March 3. Tickets: \$2 to \$5. Telephone: 381-3493.

FILM & VIDEO

CRITICS' CHOICE ★ ★ ★
The Harvard Film Archive continues its Tuesday film series *The Transformation of Melodrama* with *Frank Capra's It Happened One Night* (1934), starring Clark Gable and Claudette Colbert, at 5:30 & 8:00 at the Carpenter Center for the Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Admission: \$3 general, \$2 seniors and children. Telephone: 495-4700.

Ongoing Theater

Ah, Wilderness!, Eugene O'Neill's comedic study of a young man's coming of age, continues through February 25 at the Wheelock Family Theatre, 200 The Riverway, Boston, near the Fenway T-stop on the green line. Performances are Friday & Saturday at 7:30 and Sunday at 3:00. Tickets: \$7. Tel: 734-5203.

(Please turn to page 19)

EMILE BUSTANI MIDDLE EAST SEMINAR SPRING 1990

Chair, Prof. Philip S. Khoury
Tuesday, 4:30 - 6:30 p.m.
MIT E51-332 (Schell Room)

OPEN TO PUBLIC

Feb. 27 Dr. JUDITH KIPPER
Senior Scholar
Brookings Institution

"THE ISRAELI-PALESTINIAN
CONFLICT REVISITED"

Mar. 20 Prof. YVONNE HADDAD
University of Massachusetts
at Amherst

"THE REVIVAL OF ISLAM:
TRUTH OR PROMISE"

Apr. 3 Prof. SERIF MARDIN
The American University, Wash.
Bogazici University, Istanbul

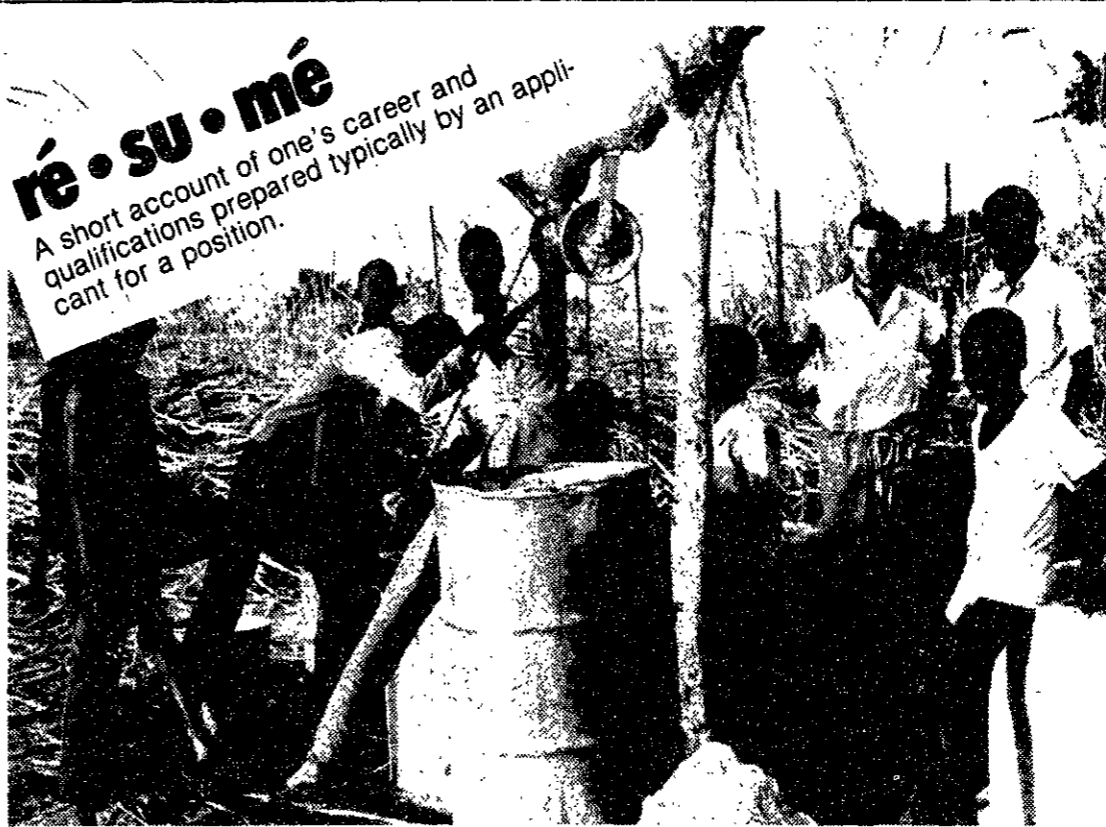
"DIMENSIONS OF ISLAMIC REVIVAL
IN CONTEMPORARY TURKEY"

Apr. 24 Prof. L. CARL BROWN
Director, Middle East Program
Princeton University

"AL-MUJAHID AL-AKBAR
OR JUST ANOTHER ZA'IM?"

HABIB BOURGIBA IN RETROSPECT"

Sponsored by the
CENTER FOR INTERNATIONAL STUDIES at MIT.



ré-su-mé
A short account of one's career and qualifications prepared typically by an applicant for a position.

- I started a nursery.
- I constructed a well.
- I surveyed a national park.
- I taught school.
- I coached track.
- I learned French.

I WAS IN THE PEACE CORPS

Recruiters will be at MIT to talk about overseas opportunities in education, food production, health care, business/community development, environmental protection. Your degree and experience CAN be put to work in Africa, Asia, Latin America, and the Pacific. Find out how at these events:

INFO TABLE Thurs, Mar 1, 10 am-4 pm Lobby 13	FILM SHOWING Thurs, Mar 1, 4:30 pm Room 4-153	INTERVIEWS Fri, Mar 2, 9 am-5 pm
---	--	--

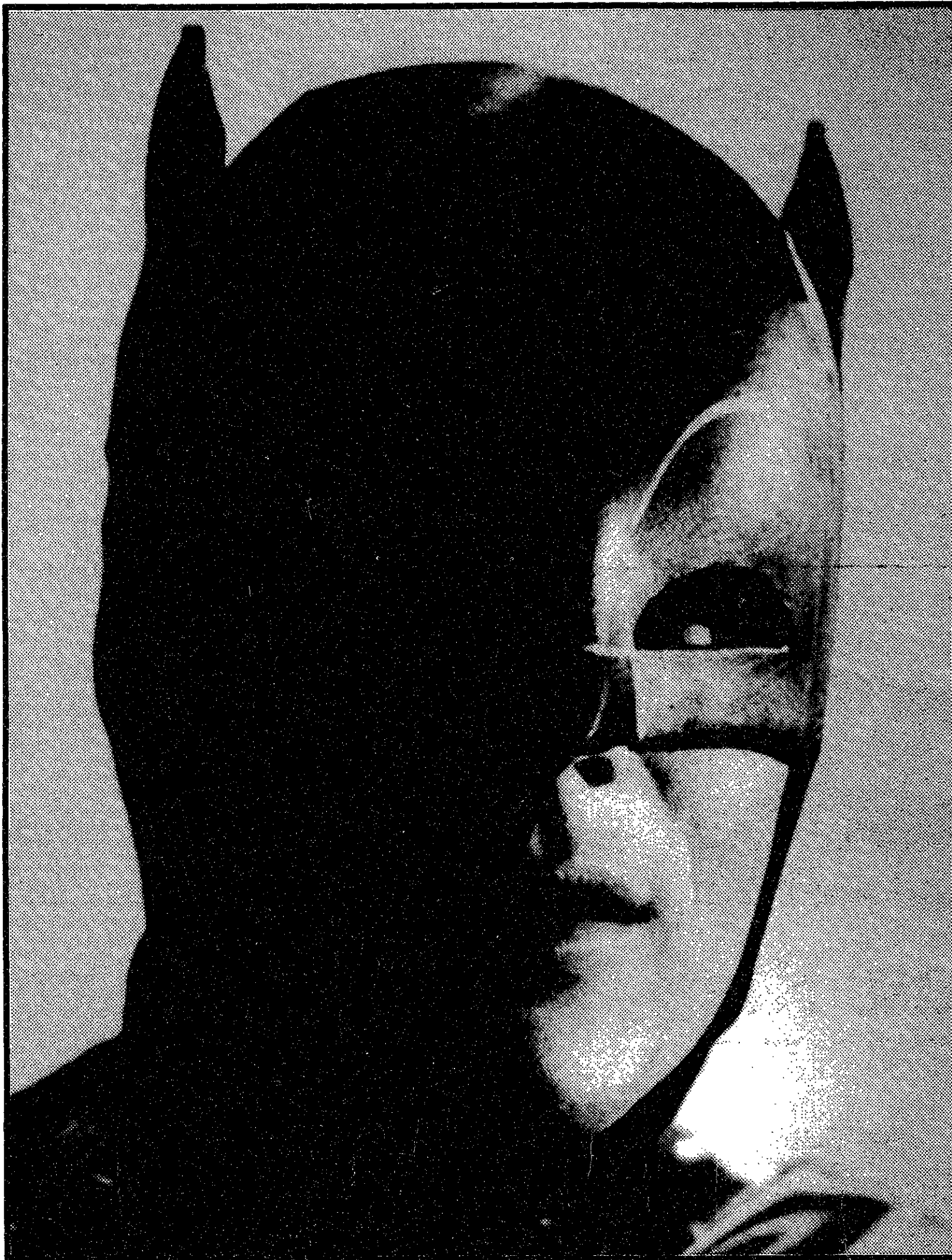
Please contact Office of Career Services for locations

Or call the Peace Corps (collect) 617-565-5555 EXT. 263

LSC presents

The Original Batman!

An Evening with Adam West



**Featuring the original Batman in his feature length movie, a lecture,
and an autograph reception**

Kresge Auditorium, Tuesday, February 27 7:00PM

Admission \$3.00

College ID Required

ARTS

On The Town

Compiled by Peter Dunn

*** CRITICS' CHOICE ***
Cat On a Hot Tin Roof, Tennessee Williams' play about sexual desire, power, and family inheritance, starring Kathleen Turner, continues through February 25 at the Schubert Theatre, 265 Tremont Street, Boston. Performances are Tuesday-Saturday at 8 pm, with matinees Wednesday & Saturday at 2 pm and Sunday at 3 pm. Tickets: \$22.50 to \$40. Telephone: 426-4520.

Diana Giordella, an evening of improvisation, comedy, character sketches, and movement-theater, continues through March 4 at the Blacksmith House, 56 Brattle Street, Cambridge. Performances are Saturday and Sunday at 8 pm. Tickets: \$10. Telephone: 547-6789.

The Devil Amongst Us, an audience-participation murder mystery, continues indefinitely at the Mystery Café, 738 Massachusetts Avenue, Cambridge. Performances are Thursday-Saturday at 7:30. Tickets: \$25 to \$28 (includes meal). Telephone: 262-1826.

Dreamwork, an adaptation of August Strindberg's surrealistic drama *A Dream Play*, continues through March 3 as a presentation of Common/wealth Theater Collaborative at the Leland Center, 541 Tremont Street, Boston. Performances are Thursday-Saturday at 8 pm. Tickets: \$10 general, \$5 seniors and students. Telephone: 864-0501.

An Evening of Comedy, comic works by contemporary playwrights, continues through March 10 as a presentation of Actors Unanimous at The Performance Place, 277 Broadway, Somerville. Performances are Thursday & Friday at 8 pm and Saturday at 6 pm & 9 pm. Tickets: \$6. Telephone: 623-5510.

The Father, August Strindberg's play tracing the anguish and torment of a man who wages war with his wife over household domination, continues through March 18 as a presentation of the American Repertory Theatre at the Loeb Drama Center, 64 Brattle Street, Cambridge. Performances are Tuesday-Saturday at 8 pm, Sunday at 7 pm, with matinees Saturday & Sunday at 2 pm. Tickets: \$16 to \$33. Tel: 547-8300.

Forbidden Broadway 1990, the latest updated version of Gerard Alessandrini's musical comedy revue, continues indefinitely at the Terrace Room, Boston Park Plaza Hotel. Performances are Tuesday-Friday at 8 pm, Saturday at 7 pm & 10 pm, and Sunday at 3 pm & 6 pm. Tickets: \$17 to \$25 depending on performance. Telephone: 357-8384.

The Great American Bicentennial Electric Chair Salute, John Crabtree's depiction of life on death row in 1976 through the eyes of five prisoners, continues through February 25 at the Back Alley Theater, 1253 Cambridge Street, Inman Square, Cambridge. Performances are Thursday-Sunday at 8 pm. Tickets: \$12. Telephone: 491-8166.

Hollywood After Dark, a nightclub revue celebrating the glory days of "the Silver Screen musical," continues indefinitely at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Sunday at 7:30, Monday at 8:00, and Wednesday & Saturday at 2:00. Tickets: \$14 to \$16. Telephone: 426-6912.

Love Letters, A. R. Gurney's comedy-drama about a couple reliving their friendship through decades of love letters, continues through March 11 at the Wilbur Theater, 246 Tremont Street, Boston. Performances are Tuesday-Saturday at 8 pm with matinees Saturday at 2 pm and Sunday at 3 pm. Tickets: \$25 to \$37.50. Telephone: 423-4008.

Major Barbara, George Bernard Shaw's social satire pitting a tough-minded idealist against a tough-minded realist in a battle of wit and will, continues through March 15 as a presentation of the American Repertory Theatre at the Loeb Drama Center, 64 Brattle Street, Cambridge. Performances are Tuesday-Saturday at 8 pm and Sunday at 2 pm. Tickets: \$16 to \$33. Telephone: 547-8300.

Nonsense, Dan Goggin's comedy about the Little Sisters of Hoboken who stage a talent show to raise money to bury four of their number, continues indefinitely at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Tuesday-Friday at 8 pm, Saturday at 6 pm & 9 pm, with matinees Thursday at 2 pm and Sunday at 3 pm. Tickets: \$15.50 to \$26.50 general, half-price for seniors and students on Thursday matinee. Telephone: 426-6912.

Oat Bran and Remembrance, Boston Baked Theatre's latest collection of musical and satiric sketches, continues indefinitely at the Boston Baked Theatre, 255 Elm Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Performances are Friday at 8:15 and Saturday at 7:00 & 9:15. Tickets: \$13.50 and \$15. Telephone: 628-9575.

Party of One, Morris Bobrow's new musical revue about the perils of conglomering, continues indefinitely at the Theatre Lobby at Hanover Street, 216 Hanover Street, Boston. Performances are Tuesday-Friday at 8:00, Saturday at 7:00 & 9:30, and Sunday at 3:00 & 7:00. Tickets: \$14.50 to \$21.50. Telephone: 227-9381.

The Seagull, by Anton Chekhov, continues through February 24 as a presentation of the Chekhov Theatre and Film Company at the Agassiz School, 28 Sacramento Street, Cambridge. Performances are Thursday-Saturday at 8 pm. Tickets: \$10 general, \$8 seniors and students. Telephone: 547-8688.

Shear Madness, the long-running comic murder mystery, continues indefinitely at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Tuesday-Friday at 8:00, Saturday at 6:30 & 9:30 pm, and Sunday at 3:00 & 7:30 pm. Tickets: \$16 and \$19. Tel: 426-6912.

The Unsinkable Molly Brown, starring Debbie Reynolds as the backwoods girl who becomes the wealthiest woman in Denver, continues through March 4 at the Colonial Theater, 106 Boylston Street, Boston. Performances are Tuesday-Saturday at 8 pm with matinees Saturday at 2 pm and Sunday at 3 pm. Tickets: \$20 to \$45. Tel: 426-9366.

The Vortex, Noel Coward's treatment of the dazzle, decay, and darker side of London's Roaring '20s, continues through March 11 at the Lyric Stage Theatre, 54 Charles Street, Boston. Performances are Wednesday-Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 3:00. Tickets: \$13.50 to \$17. Telephone: 742-8703.

The Winter's Tale, by William Shakespeare, continues through March 11 as a presentation of the Boston Theatre Project at the Brattle Theatre, 40 Brattle Street, Harvard Square, Cambridge. Performances are Wednesday-Sunday at 8 pm and matinees Sunday at 2 pm. Tickets: \$15 to \$22. Tel: 876-6837.

Ongoing Exhibits

ON CAMPUS

Alchemical Reconnaissance, photographs by John Huddleston juxtaposing the investigations of landscape photography and high energy physics, continues through April 6 at the MIT Museum's Compton Gallery, Room 10-150, between lobbies 10 and 13. Gallery hours are weekdays 9-5. No admission charge. Telephone: 253-4422.

TB-AIDS Diary, the acclaimed montages of photojournalist Linda Troeller exploring the inherent parallels of the two epidemics, continues at the MIT Museum, 265 Massachusetts Avenue, Cambridge. Museum hours are Tuesday-Friday 9-5 and Saturday-Sunday 12-4. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4440.

Raunplan Versus Plan Libre: Adolf Loos and Le Corbusier, 1919-1930, comparing the two architects' approach to the use of space, continues through April 1 at the MIT Museum, 265 Massachusetts Avenue, Boston. Museum hours are Tuesday-Friday 9-5 and Saturday-Sunday 12-4. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4444.

*** CRITICS' CHOICE ***
Landscape Photographs, black & white work by Bob Newman '89, continues through March 3 at the Wiesner Gallery, MIT Student Center. No admission charge.

*** CRITICS' CHOICE ***
When the Eiffel Tower Was New: French Visions of Progress at the Centennial of the Revolution continues through February 25 at the MIT Museum Building, 265 Massachusetts Avenue, Cambridge. Museum hours are Tuesday-Friday 9-5 and Saturday-Sunday 12-4. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4444.

Scenes from Vinalhaven, Maine, recent watercolors by Professor Lawrence B. Anderson, Dean, School of Architecture and Planning, continues through February 28 at the Rotch Library Visual Collections, Room 7-304. Library hours are Monday-Friday 8:30-6. Tel: 253-7792.

Holography: Types and Applications, drawn from the work of MIT Media Lab's Spatial Imaging Group, continues at the MIT Museum, 265 Massachusetts Avenue. Museum hours are Tuesday-Friday 9-5 and weekends 12-4. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4444.

OFF CAMPUS

Locomotion, historical and contemporary photographic studies of movement, continues through February 25 at the Photographic Resource Center, 602 Commonwealth Avenue, Boston. Telephone: 353-0700.

Mahlzeit, a photographic installation by Cologne-based artists Bernhard and Anna Blume, continues through February 25 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

Paintings by Agnes Martin and sculpture by Donald Judd continues through February 25 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

The Hollywood Photographs of Director George Sidney continues through February 28 at the Mugar Memorial Library, Boston University, 771 Commonwealth Avenue, Boston. Library hours are Monday-Friday 9-5. No admission charge. Telephone: 353-3696.

Sophie Calle: A Survey, photography that engages the personal, the sensual, and the psychological spaces of day to day experience, and **Currents 1990**, featuring Yoko Ono, Shu Lea Cheang, Bill Seaman, Deborah Orapolo, and Curtis Anderson, continue through March 11 at the Institute of Contemporary Art, 955 Boylston Street, Boston. Institute hours are Thursday-Saturday 11-8 and Wednesday & Sunday 11-5. Admission: \$4 general, \$3 students, \$1.50 seniors and children, free to members and MIT students. Telephone: 266-5152.



Les Miserables opens at the Shubert on Mar. 16.

Image-ing the World: A Decade of Color Photographs, approximately 50 photographs taken in foreign countries by Dr. Norman B. Moyes, continues through February 28 in the George Sherman Union Gallery, Boston University, 775 Commonwealth Avenue, Boston. Gallery hours are Monday-Friday 10-5. No admission charge. Telephone: 353-2224.

Dances to the Beginning of Time, an exhibit of black & white photographs, continues through March 16 at the Cambridge Multicultural Art Center, 41 Second Street, East Cambridge. Gallery hours are Monday-Friday 11-4. Telephone: 577-1400.

Bringing the World's Theater to London — Producer/Impresario Peter Durbey continues through March 31 at the Mugar Memorial Library, Boston University, 771 Commonwealth Avenue, Boston. Library hours are Monday-Saturday 9-5. No admission charge. Tel: 353-3728.

*** CRITICS' CHOICE ***
Monet in the '90s: The Series Paintings continues through April 29 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Tel: 267-9300.

*** CRITICS' CHOICE ***
Weston's Westons: Portraits and Nudes, 118 vintage photographs by the "quintessential modern photographer," continues through March 4 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

The Museum of American Illustration 1989-1990 Traveling Exhibition continues through March 21 at The Art Institute of Boston, 700 Beacon Street, Boston. Gallery hours are weekdays 9-4:30. Telephone: 262-1223.

An Object of the Cultural Imagination: A Female Image in Bamana Art; Duchamp-Villon's Baudelaire; Sources and Transformations; and 150 Years of Photography: Part III — Extension continue through March 25 at the Wellesley College Museum, Jewett Arts Center, Wellesley College, Wellesley. Museum hours are Monday-Saturday 10-5, Tuesday & Wednesday 10-9, and Sunday 2-5. No admission charge. Telephone: 235-0320 ext. 2051.

Upcoming Events

The Ramones at Citi Club on March 8 and 9. **The Sugarbushes** at the Orpheum Theatre on March 9. **The Jesus and Mary Chain** at Citi Club on March 10. **Sonic Youth** at the Paradise on March 11. **Alvin Alley Dance Theater** at the Wang Center, March 13 to 18. **Les Miserables** at the Shubert Theatre, March 16 through May 26. **Stanley Jordan** at Nightstage on March 22 and 23. **Laurie Anderson** at the Opera House on March 31. **Eric Clapton** at the Worcester Centrum on April 9 and 10.

M-I-T

Class of 1992

Class Ring Design Premiere

Monday, February 26th
 7:00pm - 9:00pm
 Bush Room • Lobby #10
 Ring Committee
 Presentation
 7:30pm

Attend the Premiere
 and pick up your
Class Gift!
 Then enter the
 drawing for a
FREE
MIT Class Ring!

Refreshments provided—see you there!

Suspect arrested on Harvard Bridge after campus thefts

(Continued from page 1)
son described in Burton," Glavin said, and the officer stopped the individual and "told [him] that he matched the description of someone who had committed a crime in the area."

At that point, two other officers arrived at the scene with Zeuhlke, and she identified the suspect as the person who had stolen her wallet. The Campus Police arrested him and took him to the Cambridge Police Station.

Robber walked into occupied dorm room

Zeuhlke said she was awakened by noises in the hallway outside her fourth floor room. She "heard a door open, but ... never heard it close," she said, and realized then that someone had entered her room.

He said, "all I want is your wallet" several times. He then took Zeuhlke's wallet, which was on the desk, she said.

"There was a very strong stench to him," Zeuhlke said. He was also "bleeding profusely," Zeuhlke said, probably from kicking the door in at Random Hall. "There was blood all over the elevator, and all over my door," she said.

Zeuhlke called the Campus Police immediately after the intrud-

er left the room. She gave them a description of a black man wearing a long green jacket over jeans and a grey sweatshirt. While she was talking to the Campus Police, she looked out her window and saw the robber leaving the dormitory and heading toward Memorial Drive.

"I don't know how he got into the dormitory," Zeuhlke said. She speculated that "someone who was probably leaving" the dormitory let him in.

The Burton House night watchman later found Zeuhlke's wallet on a back stairway in the dormitory. Everything was in place except for \$25 in cash. The Campus Police also found the stolen Random Hall wallet while at Burton House.

Zeuhlke said that the suspect had reportedly "hit four Boston University dorms" before breaking into Random Hall and then Burton House. She also said that he was supposedly a "career criminal, [and that] he only hits college dorms."

Zeuhlke received a telephone call from the Cambridge District Attorney's office yesterday, and the victim-witness advocate informed her that the suspect had not met bail. A court date will be scheduled soon, Zeuhlke said.



Lerothodi-Lapula Leeuw/The Tech
Students performed The African Living Museum on Tuesday as one of the events held in celebration of Black History Month. The event featured members of the Black Students Union acting out prominent figures in black history.

Summer 1990 Student Research Opportunities at the MIT Haystack Observatory, Westford, MA

Undergraduate science and engineering students are invited to apply for summer research positions. These are nominally three months in duration (June, July, August) and carry a stipend depending on academic level and experience. Six positions have been funded for 1990 under the National Science Foundation's "Research Experiences for Undergraduates Program." Women, minorities, and handicapped students are encouraged to apply.

Examples of projects in astronomy, atmospheric sciences and engineering/software are: High-resolution radio studies of stellar systems; ultra compact hotspots in extragalactic radio sources; auroral winds in the earth's upper atmosphere during geomagnetic storms; development of radar data acquisitions system; implementation of antenna feed and servo control systems; calibration and testing of recorders used in interferometry.

For further information and application form please write to: Director, Haystack Observatory, Off Route 40, Westford, MA 01886, or call (508) 692-4764. Application Deadline is 15 March 1990.

CLASSIC ISRAELI DANCE WORKSHOP

with
AYALAH GOREN



Massachusetts Institute of Technology-- Cambridge, MA

SATURDAY, FEB 24, 1990
OLDIES DANCE PARTY
MIT du Pont Gym
120 Mass. Ave.

7:00 pm Workshop and
to Request Dancing
11:00 pm Admission \$5.

SUNDAY, FEB 25, 1990
WORKSHOPS
MIT Student Ctr, Rm 407 & 491
84 Mass. Ave.

Sessions will emphasize early dances & the origins of Israeli dance
10:00 am Workshop #1 Admission \$4.
12:00 pm Lunch, Movie & Disc. Adm. \$5.
2:00 pm Workshop #2 Admission \$4.
4:00 pm Movie & Discussion
5:00 pm Review

**Student Discounts!! \$3. off each admission with MIT student I.D. and \$2. off each admission with other full-time student I.D.

Ayalah Goren is a noted Israeli folklorist, folkdance instructor & choreographer. She is coordinator of the Ethnic Dance Dept & director of performing arts festivals at the International Culture Center for Youth in Jerusalem.

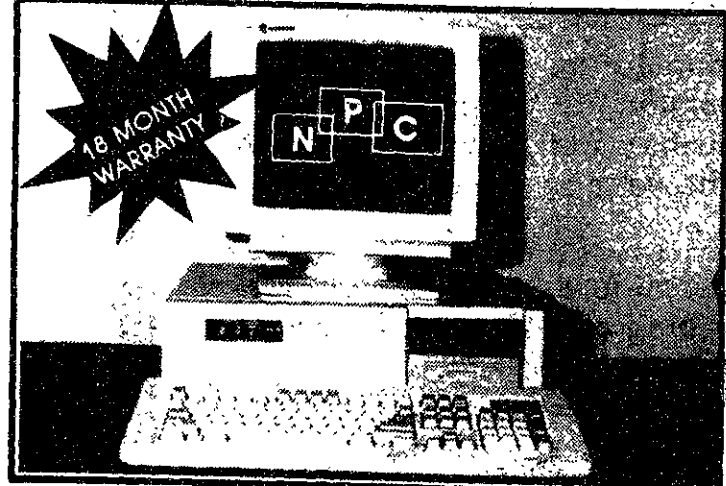
Sponsored by MIT Hillel and MIT Folk Dance Club with support from the MIT Council for the Arts & Jewish Student Projects. For information call 617 253 2982.

Artwork by Leslie Wollley

IBM P.C. COMPATIBLES

NPC	8088-12MHz 640K RAM	\$529
NPC	80286-12MHz 1MB RAM	\$779
NPC	80386SX-16MHz 1MB RAM	\$1099
NPC	80386-20MHz 1MB RAM	\$1499

Ask for 80386-25 MHz and 80386-33 MHz systems



All systems include: 12" Mono-monitor w/graphic card, 101-Key keyboard, P/S/P/G ports, Clock/Calendar, expansion slots, Floppy Drive, Keypad, turbo and rest buttons, LED's and more...

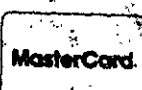
Options and Upgrades: Color Monitors, Floppy/Hard drives, add-on memory, co-processors, modem, mouse, tower case, laser printer, plotter, digitizer, etc.

NPC Computer Corporation

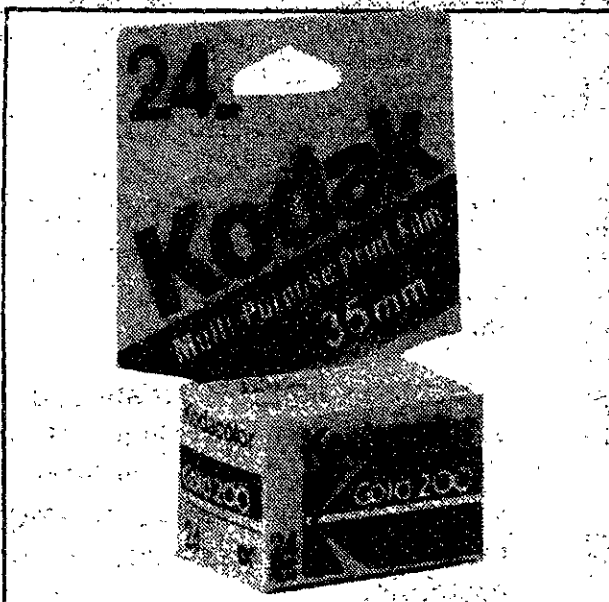
15 Cypress St., Newton Centre, MA 02159
Exit 17 Mass Pike to Center St. to Newton Ctr.

1-800-649-XTAT
(617) 965-8325

Mon-Fri 9 am-8 pm, Sat 9 am-5 pm

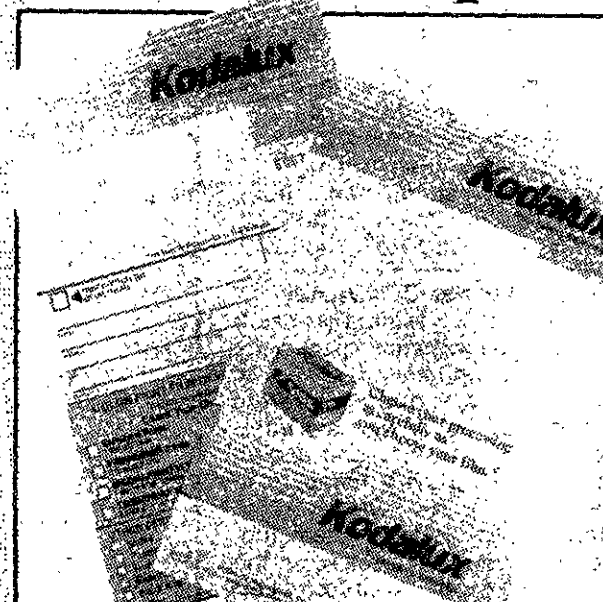


Get The Picture For A Lot Less At The Coop!



SALE \$3.69

Kodacolor Gold 200 ASA Film.
Bring your pictures to life in glorious color with Kodacolor Gold 200 ASA 24 exposure. This print film offers fine grain and versatility for all around photography. It works great with flash, too. Stock up and save now! Reg. \$4.19 **SAVE 50¢**



SALE

Kodalux 2-For-1 Processing!
What a great idea, get 2 prints for the price of one. Offer good on original roll, C-41 processing only.

NOW	Orig.	NOW
12 Exposures	\$ 6.59	\$ 5.26
15 Exposures	\$ 7.65	\$ 6.12
24 Exposures	\$10.89	\$ 8.71
36 Exposures	\$15.21	\$12.17

HARVARD SQUARE
CAMBRIDGE
847 228-8245
THUR-THU 12:00

MIT COOP AT KENDALL
3 CAMBRIDGE CENTER
847 915-7100 THUR THU 12:00
SAT 11:00-4:00

COOP AT LONGWOOD
23 LONGWOOD AVE
847 915-7100 THUR THU 12:00
SAT 11:00-4:00

DOWNTOWN COOP
1 FEDERAL ST
847 915-4230



Corporation to decide on search process

(Continued from page 1)

his decision. The committee will hold another telephone conference this weekend and will meet formally on March 1, Gray added.

The executive committee may make a recommendation to the full Corporation on how to find a new replacement for Gray.

Search committees may restart

One possibility is for the Corporation and faculty presidential search committees to simply restart their review of presidential candidates.

"We only recently stopped meeting [so] we can continue without too much of a break," search committee member Claude R. Canizares said in an interview Tuesday.

Institute Professor Robert M. Solow, chair of the faculty committee, told the faculty meeting that the search committees had identified a number of people who would make excellent presidents.

The search committees had been working together since April 1989 to find a new president for MIT. They recommended Sharp to the executive committee on Friday, Feb. 9.

Some faculty members have expressed concern that any new nominee produced by the existing search committees would be seen as the second choice. "You've just got to think about if ... anyone who is picked out now" will be publicly labeled as runner-up to Sharp, one professor said on Tuesday.

That professor, who wished to remain anonymous, advised starting the search process over again with new committees. "It would be a real insult ... to go to number two on the list," he said.

Search committee members generally acknowledged the concern that a new nominee would be seen as second best, but they called the characterization unfair.

The search process is about "identifying a small group of individuals ... each of whom would do an excellent job," Canizares said. "We are not dealing with a linear ranking."

If the existing search committees were to resume their work, it would be possible for a new presidential candidate to be named and confirmed before July 1. If the search process were started over from the beginning, that would be much less likely.

Sharp could not give up scientific work

Sharp, who has been hailed as a scientist of Nobel caliber, began calling members of the administration and those involved in the search process on Monday night to inform them of his decision to withdraw and to express his regrets.

In a statement issued on Tuesday, Sharp thanked the Corporation executive committee for nominating him, but said, "As I anticipated dissolving my research program and teaching duties, I came reluctantly to the realization that I could not fill that void in my life with anything

else."

"I know the presidency of MIT is an office of extraordinary importance, challenge and opportunity," the statement continued. "But in the end, I discovered that it is not for me. I apologize for my indecisiveness and for not fully understanding this personal need."

Sharp declined to answer questions about his decision.

Faculty members contacted by *The Tech* have generally accepted Sharp's explanation for backing out of the president's job.

"My understanding is that when the concrete idea of closing his laboratory and essentially turning his back on science came to him, he couldn't do it," Faculty Chair Henry D. Jacoby said in an interview Tuesday.

At Wednesday's faculty meeting, Solow asked members of the faculty to treat Sharp's decision with understanding. "All of us here have some notion of what has gone through Phil Sharp's mind in the last couple of days," he said.

Other business at the faculty meeting

Wednesday's faculty meeting began with a review of the presidential search situation — only Gray, Solow and Jacoby participated in the discussion — and continued with a motion on implementing changes in the freshman grading system approved last spring.

On May 3, the faculty passed a resolution that said that a grade of P (Pass) for freshmen in both terms should denote C or better performance. Under the current pass/no-record system, a freshman who gets a D in a class receives full credit and has a P marked on his transcript.

In addition, the resolution said the maximum credit limits for freshmen should be lowered to 54 units in the first term and 57 units in the second term. Currently the limits are 60 and 63 units, respectively.

The resolution passed last year was informally worded and in order for the changes to be implemented for the Class of 1994, the faculty had to approve formal revisions in the wording of parts of the *Rules and Regulations of the Faculty*.

The Committee on the Undergraduate Program presented a motion to approve such revisions at Wednesday's faculty meeting. The motion was passed on a unanimous voice vote.

The May 3 resolution also included a section changing the current junior-senior pass/fail option to pass/no-record, where a pass would denote C or better performance. CUP Chair Margaret L. A. MacVicar '65 said that more discussion was needed before a motion to implement this part of the resolution could be brought before the faculty.

Fund campaign raises goal

Provost Deutch reported at the faculty meeting that the Campaign for the Future had raised its fund-raising goal from \$550 million to \$715 million. As of last month, the endowment campaign had raised \$434 million, he said.

This is far short of the \$1.4 billion that the various parts of the Institute have identified as their need, Deutch noted, but he said the campaign was trying to be attentive to faculty concerns.

He said three areas the campaign has targeted for intensive fund-raising efforts are facilities spending, full professorships, and graduate student support.

Also at the faculty meeting, Deutch reported on efforts to work out a compromise with the National Science Foundation on NSF graduate fellowships. Deutch said the NSF cost-of-education allowance does not cover full MIT tuition and expenses — costing the Institute thousands of dollars on each NSF fellow it has.

The meeting ended with a report by Associate Provost Samuel J. Keyser and Professor Sheila A. Widnall '60 on Institute disciplinary and grievance procedures.

classified advertising

Market Discover Credit Card on your campus. Flexible hours. Earn as much as \$10 per hour. Only ten positions available. Call 1-800-950-8472, Ext. 3009.

For Sale 1988 Jeep Wrangler 4x4, 35,000 miles, great condition, black w/soft top, alloy wheels, Blaupunkt stereo. Flawless! \$8900. Call 267-5937.

Easy work! Excellent pay! Assemble products at home. Call for information 504-649-0670 Ext. 871 (open 7 days).

Attention — Hiring! Government jobs — your area. Many immediate openings without waiting list or test. \$17,840 — 69,485. Call 1-602-838-8885 Ext. R4058.

Win a Hawaiian Vacation or big screen TV plus raise up to \$1,400 in just 10 days!

Objective: Fundraiser
Commitment: Minimal
Money: Raise \$1,400
Cost: Zero Investment

Campus organization, clubs, frats, sororities call OCMC: 1-800-932-0528 or 1-800-950-8472, ext. 10.

Great Summer Opportunity

Jewish summer residential camp seeks counselors and specialists. Capital Camps is located in the Catoctin Mountains one hour from Washington, D. C. If you are interested in the challenges and excitement of working with campers in grades 3 — 10, we want you on our team. Good salaries, great fun. Our director will be on campus the week of March 5th. For information and an appointment, call 1-800-783-1245!

Looking for a **fraternity**, sorority or student organization that would like to make \$500 — \$1,000 for a one week on-campus marketing project. Must be organized and hardworking. Call Elizabeth or Myra at 1-800-592-2121.

Seeking **Foreign Area Specialists**. Multi-national corporate clients are looking for mid-career foreign grad students/researchers advising on economic, political and scientific climates in their home countries. For info call: (212) 594-0925 or send cover letter/resume to: M. B. Lawson & Associates, 350 Fifth Avenue, Suite 3308, New York, New York 10118.

MAKE A COMMITMENT



TO THE FUTURE

EG&G Idaho, Inc., prime operating contractor for the Department of Energy's Idaho National Engineering Laboratory, is actively involved in solving the energy problems of the nation and the world. Located in the heart of the Rocky Mountains, the INEL is one of the world's largest research and developmental centers.

A career with EG&G Idaho is a commitment to the future. There is challenge, excitement, and involvement in work on programs in nuclear reactor development safety, engineering testing services, waste management, and other energy related programs.

If you cannot interview with us at this time, but would be interested in information about opportunities with EG&G, send your resume to Employment Services, Code TBD-164.

**CAMPUS INTERVIEWS
WILL BE CONDUCTED
TUESDAY
FEBRUARY 27
AT YOUR PLACEMENT OFFICE.**

EG&G Idaho, Inc.

P.O. Box 1625, Idaho Falls, Idaho 83415

We are an Equal Opportunity Employer M/F/H/V U.S. Citizenship Required



EG&G Idaho, Inc.

Student activities fee will not make UA ballot

(Continued from page 1)

ties fee, adopting a resolution stressing the importance of increased funding for student activities. The resolution, sponsored by council member David L. Atkins Jr '90, put forth a working plan which would place a \$30 per semester fee for student on each student's term bill as a line item. Currently, student activities receive approximately \$7 per term per student from the Office of the Dean for Student Affairs.

The basic need for a student activities fee is undisputed, Atkins said. He pointed to a two-decade decline in real dollars being provided to activities and the lack of any formal mechanism by which activity funding is indexed to inflation.

However, Atkins, citing a lack of enthusiastic support by the student body, feared that the referendum would fail. A similar referendum in the spring 1988 UA elections was voted down by the student body.

Atkins echoed the general feeling of the council that more time was needed to work out problems in the plan and campaign for greater student support of the fee. Council members voiced concern that if the activity fee plan failed once again, credibility of both the plan and the UA would be lost completely.

A representative from the Student Information Processing Board verbalized dislike for the plan. "If I were to vote on the

activity fee question right now, I would not vote in favor [of] it," he said. "Frankly, I don't trust FinBoard. . . I would like to see some system of checks and balances worked out in the system of allocation of funds before I, as an activity member, would be comfortable with the plan," he added.

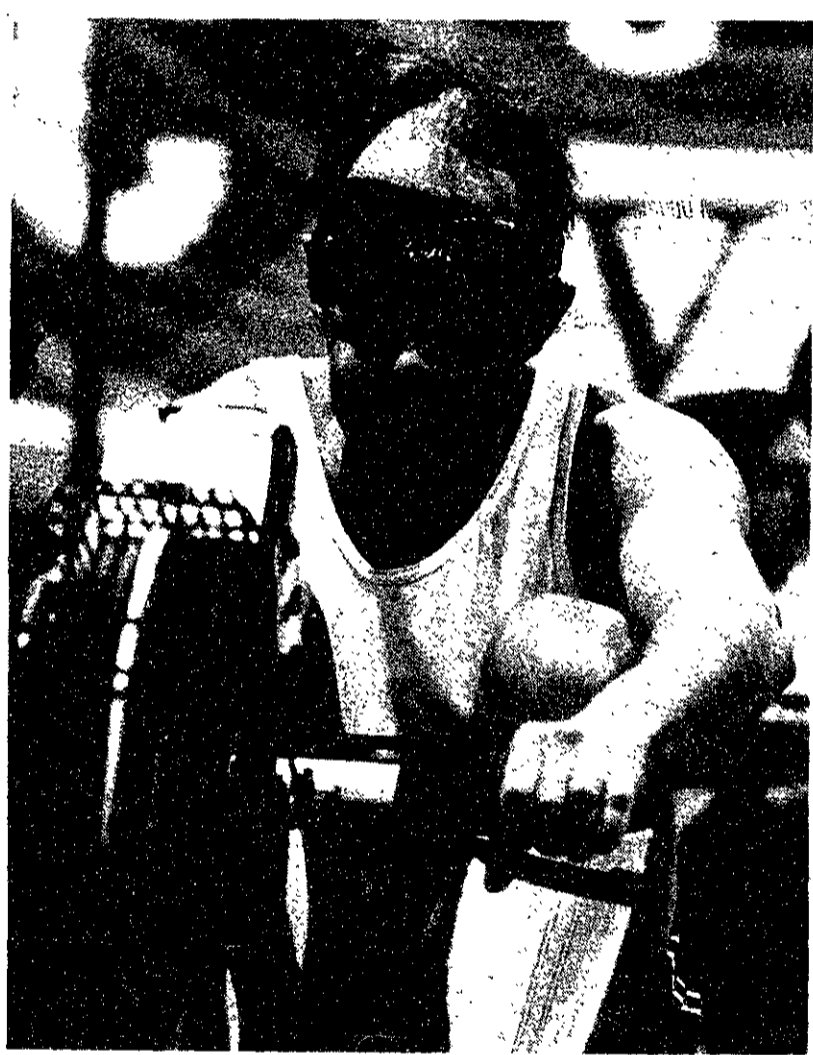
Antico expressed hope that the plan would immediately be made a referendum issue on the March ballot. "Activities need more money, and it is a fact that the administration simply will not pass more money to fund activities," he said. "Enough research had already been done. The time to act should have been with a March 14 referendum."

After the meeting, Antico, acknowledging disappointment with the council's decision, said, "Students won't have a chance to decide, one way or the other, how their own money is spent."

While stalling the activity fee question, the UA considered and approved three new referenda.

One referendum focuses on the presidential search process and asks students whether they believe student representatives should be involved in the search process.

Another ballot question will assess student opinion on the effects of flushing during Residence/Orientation Week. A proposal for changes to the Institute calendar will also be addressed in a referendum.



David H. Oliver/The Tech
Professor Hartley Rogers, Jr. rows in the CRASH-B Eastern Sprints last Saturday in Rockwell Cage.

COMPUTER SCIENCE SENIORS

hDC Computer Corporation will be recruiting on campus on 3/5. We are looking for a few exceptional software developers to join our team!

hDC is a small, rapidly growing software firm producing software for Microsoft Windows and OS/2 Presentation Manager. We offer some unique advantages as an employer: a chance to work with state-of-the-art technology; a young, ambitious team; a great working environment including private offices, full flex-time, and free meals; and a strongly performance-based compensation system.

We require a Bachelors degree in Computer Science or Math, and a GPA of at least 3.0. Your academic record must show clear and outstanding achievements. You must be well versed in 'C', with PC experience. Windows or Mac experience is helpful.

To apply for an interview, rush a resume and transcript to:
Dept MIT
hDC Computer Corporation
6742 185th Ave NE
Redmond, WA 98052

STUDENTS INTERESTED IN MEDICINE
IF YOU ARE A SOPHOMORE, JUNIOR, OR SENIOR, AND DO NOT YET HAVE A PRE-MEDICAL ADVISOR, PLEASE STOP BY ROOM 12-185 OR PHONE x3-4737 TO FIND OUT MORE ABOUT PRE-MEDICAL ADVISING AT MIT.

Call 800-541-2318

We Buy Macs
We buy & sell • One computer or a whole office • Talk to us before you buy!
Box 680, Waitsfield, VT 05673
Strictly Macintosh
Simply the Best
Maya Computer

M.I.T. STUDENT HEALTH PROGRAM

SPRING TERM 1990 (February 1 - August 31)

All regular students, and special students taking 27 or more units, will be automatically enrolled in and billed for individual membership in the M.I.T. Student Blue Cross and Blue Shield Insurance.

If you already have health insurance, you may request a waiver of the mandatory student insurance. You must complete a waiver request form to avoid both enrollment-in and charges for student insurance.

The State of Massachusetts has recently issued minimum standards for health insurance programs. In order for your waiver to be approved, your outside insurance must meet those standards. A copy is available from the Student Health Program Office.

If you want individual coverage for yourself, do nothing. You will be automatically enrolled in and billed for the M.I.T. Student Insurance.

If you want family coverage you must complete an enrollment form for you and your family members.

Special students taking less than 27 units should contact the Student Health Program Office for further information.

All Waiver Request Forms and Enrollment Forms are due in the Student Health Program Office, Wednesday, February 28, 1990.

Student Insurance Booklets, Waiver and Enrollment forms may be obtained at the Student Health Program Office (E23-308) or call 253-4371.

WAIVER REQUEST FORMS must be filed each academic year.

Before designing a workstation,
we consider its environment.
Before deciding where to work,
we suggest you do the same.

Come meet with the people of Sun.

Because computers, like people, work better in harmony, Sun Microsystems offers an open environment for both.

First, you will have the best computing environment available to help develop the most advanced workstations and servers in the world. And you'll work with diverse, extremely intelligent and unique peers. (A group that thinks April Fool's Day is better than Christmas.) Think you could work in these surroundings? Here are several opportunities to consider and an open invitation to take a closer look at us:

Hardware/Software Engineers

Want to make it big in open computing? Join us.

Information Session: February 26, 6-8 pm

Main Building 1-150

Interviews: February 27.

See your Placement Office for more details on summer internships and full-time employment.

If you are unable to attend, please send your resume to Sun Microsystems, Inc., University Relations, Mail Stop DGN, P.O. Box 391660, Mountain View, CA 94039-1660. Because in the right environment, who knows how far you'll go. An equal opportunity/affirmative action employer.



THE OPEN CHALLENGE

Sun Microsystems and the Sun Microsystems logo are registered trademarks of Sun Microsystems, Inc.

Harvard board considers Johnson

(Continued from page 1)

uate degree from the University of California, Los Angeles, and a PhD in government from Harvard. He has been a professor in the Department of Political Science at MIT since 1964.

If he wins a seat on the board, Johnson said he would like to see an increase in the number of minorities at Harvard, strengthen the Department of Afro-American studies there, and "maintain the eminence of Harvard."

Robert P. Wolff, executive director of HRAAA, also believed that Johnson's background in African history would be an important asset in an evaluation of Harvard's small African Studies department. Currently, Johnson serves on a visiting committee for

the government department at Harvard.

"Selective divestment"

The current policy at Harvard is one of "selective divestment." Under this policy, the University has only divested from companies that refused to adhere to the Sullivan Code, which guarantees equal employment opportunity in South Africa.

Johnson finds this criteria "too narrow." In his view, Harvard should "accept the principle that companies do more harm than good by being [in South Africa]."

Altogether, 155 universities, 83 cities, 25 states, and 19 companies have divested their holdings from South Africa since 1972, when the issue began to gain worldwide attention. Over 150 corporations have pulled out a total of \$12-\$13 billion in what Johnson called an "enormously successful movement."

Johnson acknowledged that "if Harvard and MIT divest now, it would come at the end of the process" of dismantling apartheid. But he stressed that divestment was still important because

"we do not want to be associated as a source of strength with the South African regime."

The recent political events in South Africa were "very, very, very exciting and heartwarming," said Johnson. "I am in awe of the quality of leadership in the black movement," he said. He also praised South African President F.W. De Klerk for acting with "understanding and intelligence."

If things continue to improve in South Africa, the major battle now will be "to prevent the lifting of sanctions prematurely," he said. "The United States is looking for the earliest possible reason to lift sanctions, and we need public pressure to keep them in place," Johnson said. "Harvard and MIT divestments would help this," he added.

Although it may be only "a matter of months before the processes are in place" to create a new, non-racial constitution in South Africa, "it may take years to actually get the full product," Johnson explained.

"As South Africa starts an irreversible process towards reform, we must not put strength back in the hands of the regime," he warned.

Despite accusations that HRAAA candidates have subordinated Harvard's interests for their own political agenda, Johnson felt that his slate had a "one hundred percent chance" of attracting enough votes for election. "Several of us should get in," he said, noting that "the prominence of the South Africa issue helps."

Key discusses the harm of subliminal messages in ads

(Continued from page 2)

The Times also pointed out that many psychologists treat Key's research in subliminal suggestion as a gimmick which cannot be disproved. Key dismissed this criticism, saying that the attitude of some psychologists is that "people will see anything they want to see in just about anything."

Key has authored four books since he became interested in the subject of subliminal advertising in the early 1970s, while he was teaching psychology and communications theory at the University of Western Ontario. After working for several international advertising agencies as a research associate, his concerns made him decide to begin exposing the industry, Key said.

Currently, Key is involved in a lawsuit against CBS Records regarding a suicide in Reno two years ago, which he alleged was the result of subliminal messages

in a Judas Priest record. No legal action of this type has yet succeeded in court because of First Amendment freedom of press considerations, Key said.

Key asserted that no laws presently forbid subliminal messages in advertising. While some federal agencies, such as the Federal Trade Commission, have regulations against deceptive representation, Key said they have yet to address subliminal suggestion directly.

Key claimed that "any politician would lose his job" by going against these multi-million dollar advertising agencies. The only solution, according to Key, is education, learning to consciously pick out the hidden messages.

Although the tone of Key's lecture was entertaining, he stressed the importance of identifying subliminal messages in advertising today. Such secretive tactics has over the past 40 years had a profound impact on the American psyche, he claimed.

NEEDED

Part-time Tutors in:
Biology, Computer Science (Pascal / C language), Cost Accounting, & Languages (Japanese, Hindi, & Urdu).

Part-time Secretary:
Duties include typing, technical writing, and answering phone calls.

Full-time (for Summer) Teachers in:
Chinese and Hebrew.

Send Resumes to:
T. P. T.
P. O. Box 338, B. U. Station
Boston, MA 02215

UPGRADE YOUR MAC

MEMORY UPGRADES

Mac Plus, SE 1 to 2.5mb (2 SIMMs)	\$159.00
Mac Plus, SE 1 to 4mb (4 SIMMs)	319.00
Mac II, Ix, Iicx, Iici 1 to 5mb (4 SIMMs)	319.00

HARD DRIVES INTERNAL EXTERNAL

20mb	\$289.00	\$339.00
45mb	359.00	439.00
100mb	649.00	749.00
130mb	849.00	949.00
45mb Removable		649.00

Hard drives include all necessary cables, software and a 1-year warranty. RAM upgrades include a lifetime warranty. All products carry a no-risk 30-day money-back guarantee. Hardware House is located on the University of Pennsylvania campus.

Hardware House est. 1986

3417 Spruce St., Houston Hall Lower Level, Philadelphia, PA 19104 • 215-574-3100

CALL NOW 1-800-726-4622

Rediscover your heritage at The Ivy League Torah Study Program

Summer 5750

June 18th thru July 29th, 1990

Catskills, New York

Admitted students will receive full room and board and \$1,200 fellowship

Briefing Session & On Campus Interviews Tuesday, February 27

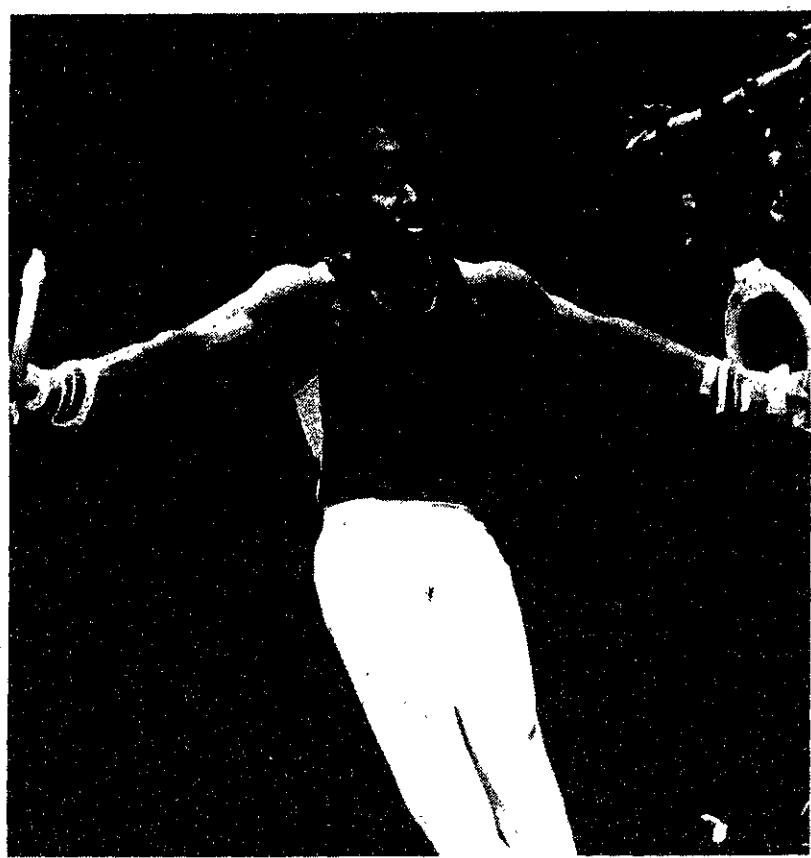
The director of the Ivy League Study Program will be on campus Tuesday, February 27 to interview students, both undergraduate and graduate, for admission into the Program. Students who have a sincere interest in exploring authentic Torah study and Jewish observance and their contemporary relevance are candidates for the Program. The Program is open to students who have minimal or absolutely no background in authentic Torah Learning and Observant Judaism.

Students admitted to the Program will be provided full room and board and a \$1,200 stipend.

Candidates are invited to sign up for individual interviews and obtain Program information and applications by contacting Anne Armitage at the Office of Career Services, 617/253-4733. Additional information can be obtained by calling the Program office at 718-735-0237 or 1-800-33-NCFJE or by writing:

The Ivy League Torah Study Program
824 Eastern Parkway, Brooklyn, New York 11213

Sponsored by the National Committee for the Furtherance of Jewish Education.



William Chu/The Tech
Reggie Abel '92 held two iron crosses in his routine last Saturday and executed an impressive front-somersault dismount. MIT lost the meet to City College of New York.

來利樓

Larry's Chinese Restaurant

302 Mass. Ave., Cambridge
(next to Father's Fore)

Luncheon Specials Served daily 11:30 am-5:00 pm
Orders to go or dining in Delivery Service
Lunch special prices start \$2.95 Minimum Order \$10.00

10% Off Dinner
on every Saturday
Dining in only
(\$10 minimum)

Call: 492-3179 or 492-3170

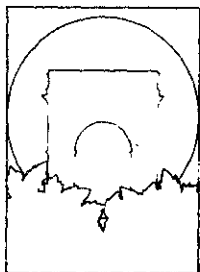
Monday — Thursday 11:30 am to 9:30 pm
Friday — Saturday 11:30 am to 10:00 pm
Closed on Sunday

Summer Housing in New York City

Will you be working, doing an internship, or enjoying a summer in New York? You can live in the heart of Greenwich Village as an NYU Associate or join us and take a course in our exciting summer sessions if you wish.

- Minutes from New York's business and cultural centers
- Apartment-style and traditional residences; single and double occupancy
- Outstanding sports-recreation facility
- Includes the New York Experience, an enjoyable noncredit program exploring career, life, and culture in New York City
- Over 1,000 undergraduate, graduate, and professional courses offered day and evening

at
New York University

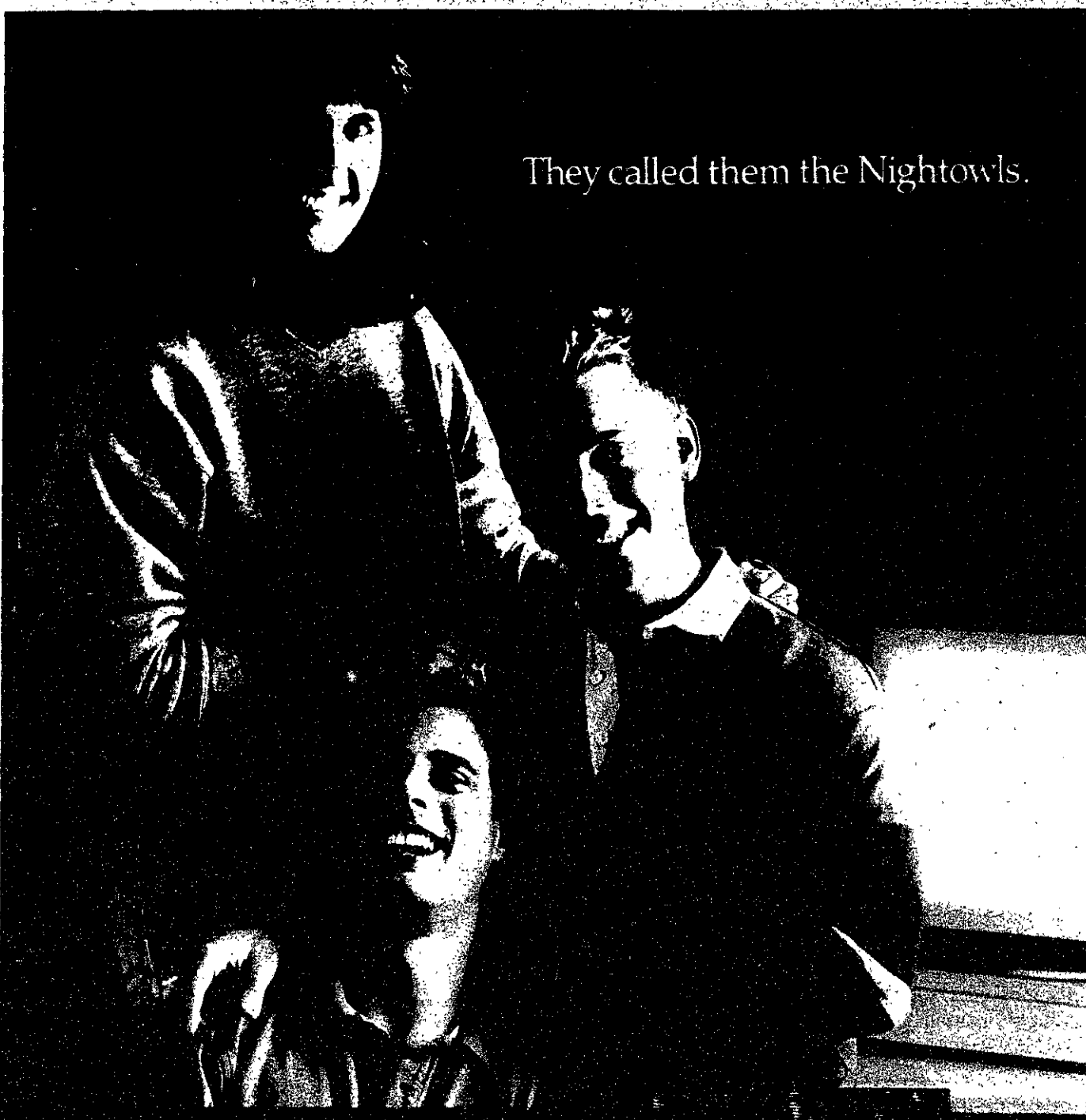


NYU Summer Housing
14-A Washington Place
New York, N.Y. 10003

Housing available
May 20-August 11
For more information
and an application,
call toll free

1-800-228-4NYU
Ext. 775

New York University is an
affirmative action/equal
opportunity institution.



They called them the Nightowls.

We call them a Product Team.

Ann, Bill and Ken were known for their all-nighters. When they weren't poring over their books or hacking away on their latest project, they were throwing the most memorable parties on campus. Their commitment to perfection and vitality has made them a top Product Development Team at Oracle Corporation.



At Oracle, we feel that only when you enjoy your work, can your creativity and productivity reach their full potential. Working in an environment that stimulates creativity as well as achievement definitely has its advantages: we are the fastest growing company in the fastest growing industry in the world.

Simply put, we enjoy what we're doing.

On campus interviews

Oracle will be conducting on-campus interviews for our Federal Consulting Division on February 26. Contact your placement office for details.

You can join a team of visionaries who still know what it means to have fun. We are currently recruiting top students who like to work hard and play hard. If that's you, talk to us before you make your career decision. For information consult your placement office, send us your resume, or call Jonathan Kraft at (415) 506-3087.

Oracle Corporation 500 Oracle Parkway, Redwood City, CA 94065

ORACLE
Make your vision tomorrow's technology™

sports

Strong show at NRA sectionals lifts rifle towards national ranking

By Matthew A. Machlis and Isako Hoshino

The pistol team competed at the National Rifle Association Intercollegiate Pistol Sectionals held at the US Military Academy on Feb. 10, and once again proved its talent as a nationally competitive team.

In the air pistol event, MIT fired a solid 2160 out of a possible 2400 points, falling just 31 points behind first-place Army and beating Coast Guard by more than 50 points. In the standard pistol, the Engineers shot a 2026, placing third behind Coast Guard. In free pistol, MIT placed second with 2009 points, just 19 points behind Army.

Although the Engineers did not win the sectionals, these scores should rank MIT within the top ten teams nationally and thereby qualify them for the nationals in all three events.

The members of the scoring team were captain Frederic T. Chong '90, manager Matthew A. Machlis '91, Eric C. Blau '91, and Kyle W. Blasch '93. Blau placed

second individually in air pistol for the second year in a row, falling just one point short of first place. He is currently on the US Olympic Development Team.

Blasch won awards at sectionals this year for best ROTC individual in air and free pistol. He also broke his personal match high scores in all three events. Jeffrey S. Winslow '91 and Isako Hoshino '91 also broke or tied their match high scores. Hoshino, who placed eighth at last year's women's nationals, is expected to qualify again this year.

Other members of the team who competed at sectionals were Glenn W. Eswein '91, Cary P. Wong '93, and Christin S. Bera '91.

Nationwide sectional rankings will be available at the beginning of March. At that time, MIT will find out how many of its shooters will be invited to compete as individuals in the nationals (the top ten in each category compete).

(Matthew A. Machlis '91 and Isako Hoshino '91 are members of the pistol team.)



Michelle Green

This is what D-league hockey is all about? The IM hockey season continues until mid-March.

Harvard-Epworth United Methodist Church

1555 Massachusetts Ave. opposite Cambridge Common

Sunday Worship: 9 and 11am

Undergrad Forum: 5:30 PM

SKATE SHARPENIN'



exp 3-31-90

your alternative to high prices
the bicycle workshop
259 Mass. Ave.
Cambridge (near MIT)

876-6555

\$1.50

With This Coupon

CAD/CAM

"A glimpse into the future of computer-aided design."

That's how Industry Week magazine described Parametric Technology's Pro ENGINEER - the only parametric, feature-based solid modeling software system. The success of our system has created dynamic growth, and opportunities for:

Software Engineer

Responsible for development of the Company's Mechanical CAD/CAM parametric solid modeling system. The successful candidate will have a BS/MS, strong computer science background in applications programming, basic knowledge of vector algebra and analytic geometry. Mechanical Engineering background a plus, but not required.

Software Integration Engineer

Responsible for the complete integration of the software, building the product, developing and maintaining various tools needed for the purpose. The successful candidate will have a BS in Computer Science with experience in C, UNIX, C Shell and VAX/VMS/DCL.

Application Engineer

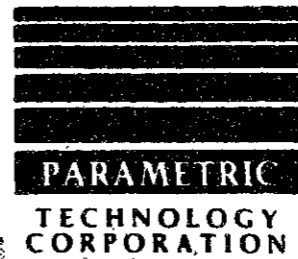
Responsible for integration of CAD/CAM software to customers' mechanical design and process, pre- and post-sales support of the product, including presentation and demonstration, both in-house and in the field. Duties will include software testing and mechanical application benchmarking. BSME or advanced degree and experience with CAD software and mechanical design essential. Willingness to travel.

PTC rewards its employees with a stimulating work environment, excellent salaries, and equity participation.

ON-CAMPUS INTERVIEWS '90s Graduates Welcome

PTC Representatives will be on campus in the near future. To arrange an interview, please contact Sonny Dunn, Personnel Manager, Parametric Technology Corporation, 128 Technology Drive, Waltham, MA 02154.

An Affirmative Action Equal Opportunity Employer



ONE STOP FULL SERVICE COMPUTER STORE
 AUTHORIZED SALES and SERVICE
EVEREX
IBM COMPATIBLES **HEADSTART**
 intel **Panasonic** MON. - FRI. 9: AM - 6: PM
 SAT. 9: AM - 3: PM **492-2345**
E.L.I. COMPUTERS inc.
 YOUR HOME AND OFFICE COMPUTER STORE
 139 HAMPSHIRE ST. CAMBRIDGE, MA. 02139

GO TO MEDICAL SCHOOL



Find out how you can have your medical school tuition, required books and fees paid in full—plus earn more than \$700 a month while you attend school.

Clip and mail the coupon below, and we'll send you full details on the Armed Forces Health Professions Scholarship Program.

We'll tell you how you could qualify for a Physician's Scholarship from the Army, Navy or Air Force.

If selected, you'll not only beat the high cost of medical school, you'll also gain valuable medical experience serving on active duty 45 days each school year as a commissioned officer in the Reserves.

After graduation, you'll serve three years or more—depending on the Service you select and the level of scholarship assistance you receive—as a respected Armed Forces physician. You'll also get good pay, regular hours, great benefits and the chance to work with a variety of patients and the latest medical technology.

If you meet the age requirements noted below for the Service of your choice—and want to cut the expense of medical school—send for more information today.

YES! Send me full details on how the Armed Forces Health Professions Scholarship Program can help cut my medical school expenses. I meet the age requirements noted below. I understand I am under no obligation.

Mail this coupon to: Armed Forces Scholarships, P.O. Box 2865
 Huntington Station, NY 11746-2102 9016

Check up to three: Army (18-35 years of age) Navy (21-36 years of age) Air Force (18-34 years of age)

Please print all information clearly and completely

Name Male Female

Address Apt. #

City State Zip

Phone Soc. Sec. No.

College Birth Date

Field of Study Graduation Date

The information you voluntarily provide will be used for recruiting purposes only. The more complete it is, the better we can respond to your request. (Authority: 10 USC 503)

Prep Plus For the MCAT: The Best Medical Insurance

No one can guarantee your acceptance to medical school. But we can guarantee that you'll score your highest on the MCAT. Our unique Test Your Best™ guarantee is your insurance policy. If you're not completely satisfied with your MCAT score, we'll let you repeat the entire course... at no charge!

We offer expert live instruction, innovative home study materials, unlimited review in our TEST-N-TAPE® labs and lots of personal attention. That's why Stanley H. Kaplan has prepared more test takers, and produced more top MCAT scores, than everyone else combined!

STANLEY H. KAPLAN
 Take Kaplan Or Take Your Chances

Classes are starting now for the April exam. Don't miss out!
 Call TODAY!!
 (617) 868-TEST

sports

Track sets record, wins Division III championship

(Continued from page 28)
championship record with a 1:04.09 time (previous record 1:04.28).

Competing in a separate facility, weightmen Eric Shank '91 and John-Paul Clarke '91 finished 1-2 in the 35-pound weight throw, with marks of 54'-1½" and 53'-8" respectively.

Sophomore Mike Piepergerdes won the 1500 meter race easily in 3:55.0, but it was a race marked with controversy. Several coaches, most notably Brandeis' Norm Levine, protested that the 1500 meters had been started improperly, and that half the runners, including Piepergerdes, were

lined up on a stagger line 15 meters from the proper line; and were thus given an unfair advantage. The protests were not upheld, however.

Kevin Scannell '91 finished the day with a third in the long jump, at 22'-6¼", a fifth in the 200 meters, in 22.7, and a speedy 49.6-second opening leg in the 1600-meter relay.

Other scorers were: Tom Washington '92 (high jump, 3rd, 6'-4½"); Garrett Moose '91 (high jump, 6th, 6'-2½" and long jump, 6th, 21'-5¼"); Joe Kowalski '90 (500 meters, 6th, 1:07.64); Chris Masalsky '91 (shot put, 5th, 47'-8¼"); John

Tewksbury '92 (triple jump, 4th, 43'-4"); and the distance medley relay (Kowalski, Dan Rubenstein '92, Ted Manning '89, Piepergerdes, 4th, 10:30.7).

With a clear sense of mission accomplished, the Engineers' thoughts Saturday were drawn toward this weekend's championships.

"We did what we were capable of doing," said head coach Gordon Kelly after the meet. "With this team that we have, we have a Division I team, and we have to prove that next week."

"If we don't finish in the top five," added Kelly, "I'll be disappointed."



David Rothstein/The Tech
Boniface Makatiani '90 leads the 500-meter event. Makatiani won easily and set a Northeastern Championship record with a time of 1:04.09.

\$118 roundtrip airfares on
Northwest Airlines.
It's not just a great price.
It's a great experience.

Only for student American Express® Cardmembers.

Apply for the American Express® Card. Then get ready to take off. In search of adventure, action—or just simply to escape.

American Express and Northwest Airlines have arranged these extraordinary travel privileges on Northwest—exclusively for student Cardmembers:

- CERTIFICATES VALID FOR THE PURCHASE OF TWO \$118 ROUNDTRIP TICKETS—to many of the more than 180 cities in the 48 contiguous United States served by Northwest. Each certificate is good for a six-month period, and they will arrive within six weeks after you receive the Card. Current Cardmembers will automatically receive their \$118 certificates by March 15, 1990 provided they are still full time students.*

- 10% OFF ANY NORTHWEST FLIGHT—with your own personalized discount card, valid through January 1991 on all Northwest and Northwest AirlinK flights. (This discount is not applicable to the \$118 student certificates and other certificates, promotional or special status airfares.)

- 2,500 BONUS MILES TOWARDS FREE TRAVEL—when you enroll in Northwest's WorldPerks® Free Travel Program.

AND NOW BECOMING A CARDMEMBER IS AS EASY AS A TELEPHONE CALL. Just pick up the phone, call 1-800-942-AMEX, and talk to us. We'll take your application and begin to process it immediately. (If you have your banking information handy, like your account number and bank address, it will help

speed the process.)

Keep in mind that our Automatic Acceptance Program makes it easier for you to become a Cardmember now, as a student, than it will ever be again.

And remember that as a Cardmember you'll enjoy all the exceptional benefits and personal service you would expect from American Express.

So don't miss out on a world of great experiences. Pick up the phone. Apply for the Card. And start packing!



Membership Has Its Privileges®



APPLY TODAY
1-800-942-AMEX



*If you are already a student American Express Cardmember and have a question about this program, please send your written question, a copy of your student ID and class schedule to: American Express, P.O. Box 35029, Attn: Student Marketing, Greensboro, NC 27425. Fare is for roundtrip travel on Northwest Airlines. Tickets must be purchased within 24 hours after making reservations. Fares are nonrefundable and no itinerary changes may be made after purchase. Seats at this fare are limited and may not be available when you call. Travel must originate by certificate expiration date and be completed within 60 days of that date. Travel may not be available between cities to which Northwest does not have published routings. City fuel surcharges not included in fare from Boston (\$2.50), Chicago (\$5.00), Denver (\$2.00) and Florida cities (\$2.00). Certain blackout dates and other restrictions may apply. For complete offer details, call 1-800-942-AMEX. ©1990 American Express Travel Related Services Company, Inc.

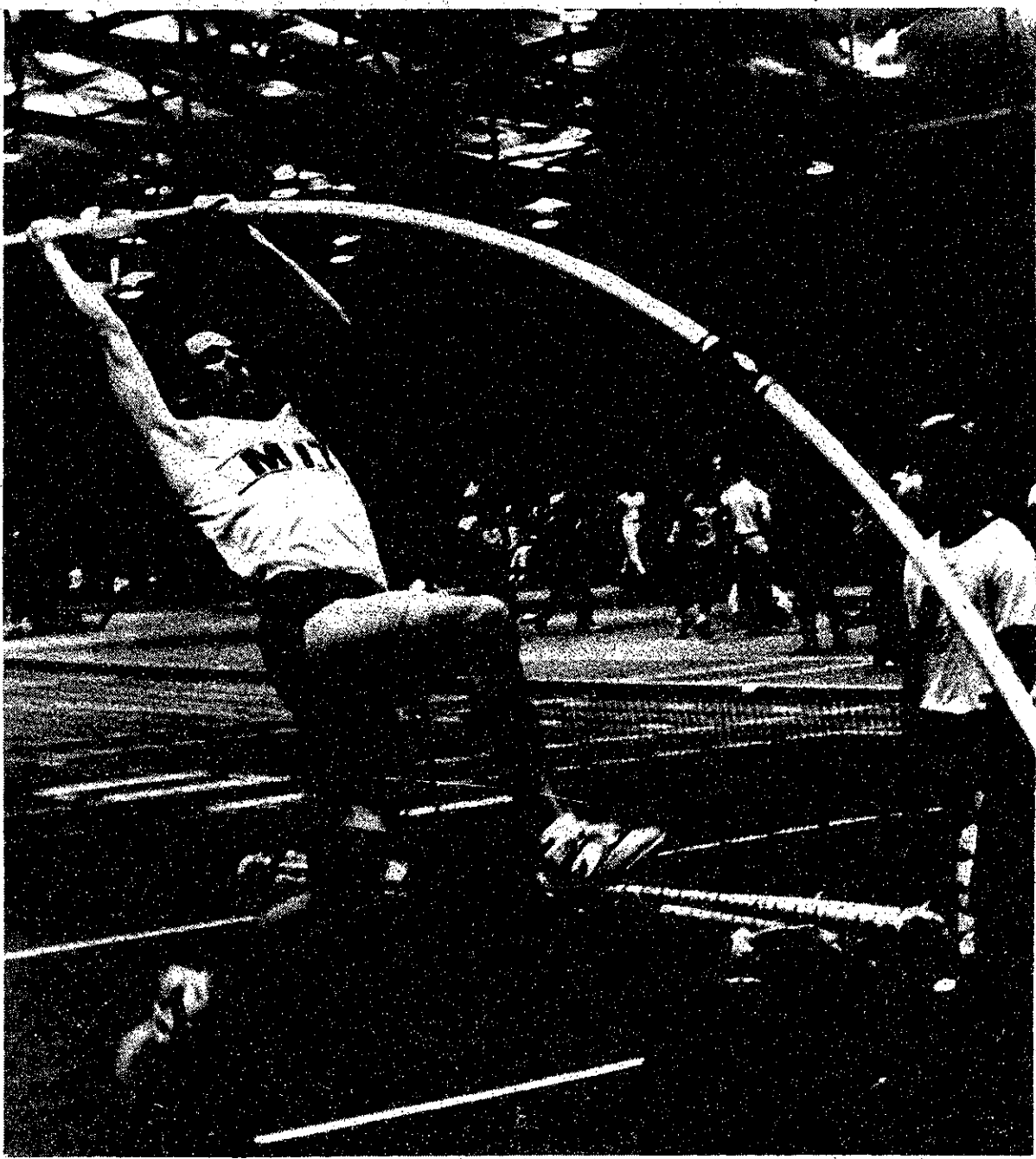
THE AMERICAN EXPRESS® CARD. FOR STUDENTS MORE THAN EVER.

SPORTS!

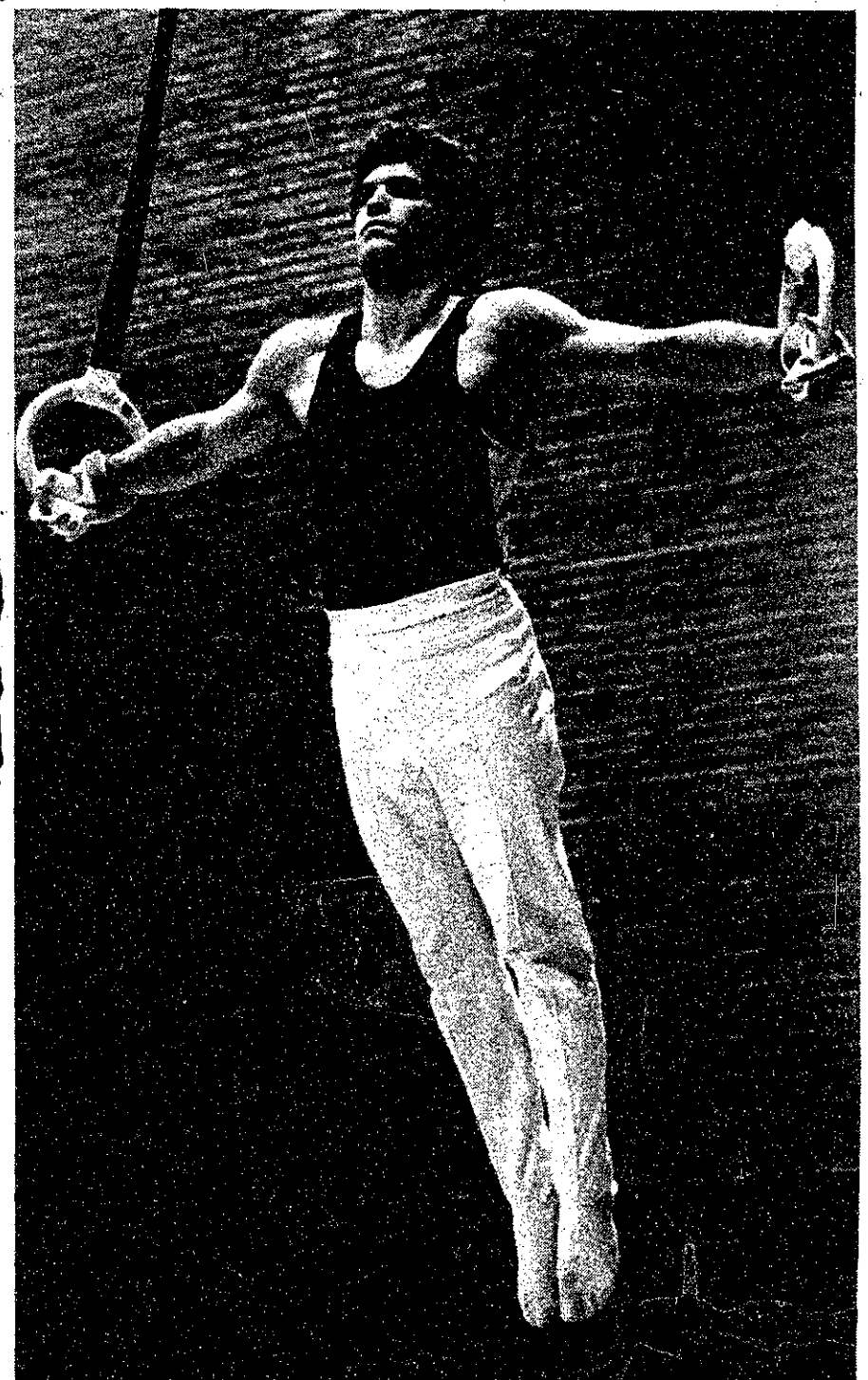


Jonathan Kossuth

In their last home game, MIT defeated Gordon College in men's hockey on Saturday (above). On the same day at the Northeastern Division III Championships, Bill Singhose '90 wins the pole vault event at 15'-3" (left), and men's gymnastics team captain Joe Fugaro '91 performs a striking iron cross (below). The men's basketball team broke MIT records on Wednesday with a spectacular win against Emerson College in their last home game, 121-38 (bottom left).



David Rothstein



William Chu



Ken Church

sports

Track recaptures NE Division III crown

By David Rothstein
The indoor track and field team recaptured the New England Division III crown last Saturday with a performance at Bates College that both set a championship meet point record and insured MIT's legacy as a mini-dynasty in New England track and field. The title is the

Engineers' fifth in the past six years and seventh overall. With its 146-point total (Brandeis University was a distant second, with 69), MIT simply overwhelmed the other 15 teams assembled, taking first places in nine of 18 events. And, according to some of the Engineers, MIT was not even trying hard.

"This [meet] is definitely a good thing for the team," said co-captain Bill Singhose '90 after the meet, "because we actually backed off on this. We didn't go all out on this meet and we still walked everyone."

The caliber of competition rises quite a few notches, however, this evening and tomorrow as MIT competes in the All-New England Indoor Championships, which are being held at the Johnson Athletics Center. In all, 45 New England teams from all three divisions will be represented.

[Friday: 10 am (pentathlon), 4-9:15 pm (general events); Saturday: 12:30-4:10 pm (general events); MIT students gain free admission.]

The Division III Championships featured Singhose and junior Mark Dunzo, both of whom won two events. Dunzo was tops in the 200- and 400-meter runs, with times of 22.3 and 49.42 seconds, respectively. In both races, Dunzo narrowly defeated Fitchburg State's Willis Todman, who crossed the finish line in an identical 22.3 seconds in a photo-finish 200, and in 49.59 in the 400.

The junior's 200 meter time set a championship meet record.

Dunzo also ran the third leg of MIT's victorious 1600-meter relay team, which won handily in 3:22.51.

Singhose narrowly missed setting championship meet records in both events that he won. His 7.70 showing in the 55-meter high hurdles was only .01 seconds slower than the record, set by MIT's Sean Garrett G.

"All I had to do was comb my hair forward and I would have had it," joked Singhose after the meet.

And after winning the pole vault at 15 feet, three inches, Singhose had three attempts at 15'-7", which would have put him 3/4" over the previous record. But that mark would not be broken.

Both Singhose and Dunzo missed last year's championships with injuries.

In addition to his first place finishes, Singhose also ran on the 1600-meter relay team, and took second in the triple jump, at 44'-9 1/2", and fourth in the long jump, at 22'-1 1/4".

In the 5000 meters, the Engineers got gutsy performances from distance men Sean Kelley '89 and Jim Garcia '80. The two were seeded 9th and 10th, respectively, but pulled out a 1-2 finish, in 15:11.8 and 15:13.8, respectively.

Leading sprinter Boniface Makatiani '90 was resting a sore hamstring, and entered only the 500 and the 1600 meter relay. In the former, Makatiani set a

(Please turn to page 26)



David Rothstein/The Tech
Mark Dunzo '91 leans into a photo-finish against Fitchburg State's Willis Todman to win the 200-meter race at the Northeastern Championships.

Women's gymnastics tops off unprecedented season with NE Division III Championship win

By Catherine Rocchio
Last Friday night was the culmination of the best season in MIT history for the women's gymnastics team. Breaking a new team record, the MIT women took an unprecedented first place in the Division III New England Championships held at Rhode Island College. MIT won all four events, compiling an all time high of 161.3 to defeat defending champion Salem State College which ended with 157.2.

Lisa K. Arel '92 scored a 9.0 in the vault, the first event of the meet, making her the 1990 New England Vaulting Champion. Sophomore Kortney N. Leabourne's 8.6 earned her second place in the event and senior Allison S. Arnold's season high score of 8.45 earned her a fourth place. Tri-captains Rosemary A. Rocchio '90 and Rachel R. McCarthy '90, along with Gretchen L. Martin '92, rounded out the Engineers' vaulting assault, posting scores of 8.3, 8.05, and 7.75.

The uneven bars showed more of the same championship style. Arel wrapped up her second title of the night with her handstands

and full-twisting dismount for an 8.8. Arnold hit her routine, swinging into two handstands on the high bar, twisting her dismount and placing third overall on the event with an 8.45. Leabourne and Rocchio contributed with scores of 7.45 each.

The event that clinched the meet for the Engineers was the balance beam. On this most difficult event, the MIT women were aggressive and unwavering in their approach to their routines. Arel, overcoming a fall on a side straddle jump, stuck her tumbling series, aerial back somersault and full-twisting dismount to take second place with an 8.45. She finished behind Salem State's Jill Russell, who won the event with an 8.55.

Rocchio was her usual solid self, sticking two backhandsprings, a difficult leap combination, and a layout dismount to take third place with an 8.2. McCarthy placed fifth overall in the meet with her cartwheel mount, backhandspring, and roundoff combinations and had her best score of the season with a 7.9. Leabourne stuck two backhandsprings in a row for her best

performance and score of 7.8. Paula S. Aquí '89 also had her best routine of the season, earning a 7.15 for her solid dance.

The meet concluded on the floor, where Arel captured her third win of the night with a 9.0. Rocchio secured fifth place with her season's best score of 8.35, and McCarthy tumbled high into sixth place with score of 8.25. Arnold's determined tumbling earned her a 7.8, while Leabourne and Martin posted scores of 7.7 and 7.0, respectively.

Arel, the 1989 defending New England Champion, easily claimed the title again with an overall score of 35.25. Rocchio had her season's best all-around with a 32.3, fourth overall in New England, and Leabourne finished seventh with a 31.55.

The MIT women have qualified for the Eastern Championships to be held at Ithaca College, where they will again face Salem State as well as defending ECAC Champion Trenton State College.

(Catherine Rocchio '89 is an assistant coach of the women's gymnastics team.)

Indoor Track at New England Division III Championships at Merrill Gymnasium, Bates College February 19, 1990

400 meters - 1, Dunzo, MIT, 49.42; 2, Todman, Fitch, St., 49.59; 3, McGongil, SMU, 50.85; 4, Moore, Brandeis, 51.47; 5, Hutton, Tufts, 51.65; 6, Farley, CGA, 51.69.	800 meters - 1, Makatiani, MIT, 1:04.09; 2, Maher, West, St., 1:05.49; 3, O'Brian, Bates, 1:06.84; 4, Behr, Williams, 1:07.09; 5, Boldwan, Amherst, 1:07.43; 6, Kowalski, MIT, 1:07.64.
1500 meters - 1, Johnson, CGA, 4:01.04; 2, Dixon, Bates, 2:33.47; 3, Hammond, Brandeis, 2:35.10; 4, Colby, 2:36.44; 5, Yim, Bowdoin, 2:36.54; 6, Silveira, Tufts, 2:37.44.	5000 meters - 1, Kelley, MIT, 15:11.8; 2, Garcia, MIT, 15:13.8; 3, Sprague, Bates, 15:15.0; 4, Hickey, Bowdoin, 15:15.0; 5, Rich, Tufts, 15:15.0; 6, Johnson, SMU, 15:22.6.
10000 meters - 1, Kelley, MIT, 32:22.51; 2, Garcia, MIT, 32:25.31; 3, Sprague, Bates, 32:28.53; 4, Colby, Bates, 32:28.53; 5, Johnson, SMU, 32:28.53; 6, Colby, Bates, 32:28.53.	1600 meter relay - 1, Tufts, 3:22.51; 2, Brandeis, 10:29.0; 3, Bates, 10:20.7; 4, MIT (Kowalski, Stein, Manning, Piapergardes), 10:20.7; 5, Amherst, 10:35.01; 6, Bates, 10:39.78.
1 mile - 1, Kelley, MIT, 4:01.04; 2, Garcia, MIT, 4:01.04; 3, Sprague, Bates, 4:01.04; 4, Hickey, Bowdoin, 4:01.04; 5, Rich, Tufts, 4:01.04; 6, Johnson, SMU, 4:01.04.	2 mile - 1, Kelley, MIT, 8:02.08; 2, Garcia, MIT, 8:02.08; 3, Sprague, Bates, 8:02.08; 4, Hickey, Bowdoin, 8:02.08; 5, Rich, Tufts, 8:02.08; 6, Johnson, SMU, 8:02.08.
200 meters - 1, Dunzo, MIT, 22.3; 2, Todman, Fitch, St., 22.3; 3, Smith, Williams, 22.7; 4, Moda, Fitch, St., 22.7; 5, Scannell, MIT, 22.7; 6, Batchelor, Williams, 23.4.	400 meters - 1, Dunzo, MIT, 49.42; 2, Todman, Fitch, St., 49.59; 3, McGongil, SMU, 50.85; 4, Moore, Brandeis, 51.47; 5, Hutton, Tufts, 51.65; 6, Farley, CGA, 51.69.
800 meters - 1, Makatiani, MIT, 1:04.09; 2, Maher, West, St., 1:05.49; 3, O'Brian, Bates, 1:06.84; 4, Behr, Williams, 1:07.09; 5, Boldwan, Amherst, 1:07.43; 6, Kowalski, MIT, 1:07.64.	1500 meters - 1, Johnson, CGA, 4:01.04; 2, Dixon, Bates, 2:33.47; 3, Hammond, Brandeis, 2:35.10; 4, Colby, 2:36.44; 5, Yim, Bowdoin, 2:36.54; 6, Silveira, Tufts, 2:37.44.
5000 meters - 1, Kelley, MIT, 15:11.8; 2, Garcia, MIT, 15:13.8; 3, Sprague, Bates, 15:15.0; 4, Hickey, Bowdoin, 15:15.0; 5, Rich, Tufts, 15:15.0; 6, Johnson, SMU, 15:22.6.	10000 meters - 1, Kelley, MIT, 32:22.51; 2, Garcia, MIT, 32:25.31; 3, Sprague, Bates, 32:28.53; 4, Colby, Bates, 32:28.53; 5, Johnson, SMU, 32:28.53; 6, Colby, Bates, 32:28.53.
1600 meter relay - 1, Tufts, 3:22.51; 2, Brandeis, 10:29.0; 3, Bates, 10:20.7; 4, MIT (Kowalski, Stein, Manning, Piapergardes), 10:20.7; 5, Amherst, 10:35.01; 6, Bates, 10:39.78.	1 mile - 1, Kelley, MIT, 4:01.04; 2, Garcia, MIT, 4:01.04; 3, Sprague, Bates, 4:01.04; 4, Hickey, Bowdoin, 4:01.04; 5, Rich, Tufts, 4:01.04; 6, Johnson, SMU, 4:01.04.
2 mile - 1, Kelley, MIT, 8:02.08; 2, Garcia, MIT, 8:02.08; 3, Sprague, Bates, 8:02.08; 4, Hickey, Bowdoin, 8:02.08; 5, Rich, Tufts, 8:02.08; 6, Johnson, SMU, 8:02.08.	400 meters - 1, Dunzo, MIT, 49.42; 2, Todman, Fitch, St., 49.59; 3, McGongil, SMU, 50.85; 4, Moore, Brandeis, 51.47; 5, Hutton, Tufts, 51.65; 6, Farley, CGA, 51.69.
800 meters - 1, Makatiani, MIT, 1:04.09; 2, Maher, West, St., 1:05.49; 3, O'Brian, Bates, 1:06.84; 4, Behr, Williams, 1:07.09; 5, Boldwan, Amherst, 1:07.43; 6, Kowalski, MIT, 1:07.64.	1500 meters - 1, Johnson, CGA, 4:01.04; 2, Dixon, Bates, 2:33.47; 3, Hammond, Brandeis, 2:35.10; 4, Colby, 2:36.44; 5, Yim, Bowdoin, 2:36.54; 6, Silveira, Tufts, 2:37.44.
5000 meters - 1, Kelley, MIT, 15:11.8; 2, Garcia, MIT, 15:13.8; 3, Sprague, Bates, 15:15.0; 4, Hickey, Bowdoin, 15:15.0; 5, Rich, Tufts, 15:15.0; 6, Johnson, SMU, 15:22.6.	10000 meters - 1, Kelley, MIT, 32:22.51; 2, Garcia, MIT, 32:25.31; 3, Sprague, Bates, 32:28.53; 4, Colby, Bates, 32:28.53; 5, Johnson, SMU, 32:28.53; 6, Colby, Bates, 32:28.53.
1600 meter relay - 1, Tufts, 3:22.51; 2, Brandeis, 10:29.0; 3, Bates, 10:20.7; 4, MIT (Kowalski, Stein, Manning, Piapergardes), 10:20.7; 5, Amherst, 10:35.01; 6, Bates, 10:39.78.	1 mile - 1, Kelley, MIT, 4:01.04; 2, Garcia, MIT, 4:01.04; 3, Sprague, Bates, 4:01.04; 4, Hickey, Bowdoin, 4:01.04; 5, Rich, Tufts, 4:01.04; 6, Johnson, SMU, 4:01.04.
2 mile - 1, Kelley, MIT, 8:02.08; 2, Garcia, MIT, 8:02.08; 3, Sprague, Bates, 8:02.08; 4, Hickey, Bowdoin, 8:02.08; 5, Rich, Tufts, 8:02.08; 6, Johnson, SMU, 8:02.08.	400 meters - 1, Dunzo, MIT, 49.42; 2, Todman, Fitch, St., 49.59; 3, McGongil, SMU, 50.85; 4, Moore, Brandeis, 51.47; 5, Hutton, Tufts, 51.65; 6, Farley, CGA, 51.69.
800 meters - 1, Makatiani, MIT, 1:04.09; 2, Maher, West, St., 1:05.49; 3, O'Brian, Bates, 1:06.84; 4, Behr, Williams, 1:07.09; 5, Boldwan, Amherst, 1:07.43; 6, Kowalski, MIT, 1:07.64.	1500 meters - 1, Johnson, CGA, 4:01.04; 2, Dixon, Bates, 2:33.47; 3, Hammond, Brandeis, 2:35.10; 4, Colby, 2:36.44; 5, Yim, Bowdoin, 2:36.54; 6, Silveira, Tufts, 2:37.44.
5000 meters - 1, Kelley, MIT, 15:11.8; 2, Garcia, MIT, 15:13.8; 3, Sprague, Bates, 15:15.0; 4, Hickey, Bowdoin, 15:15.0; 5, Rich, Tufts, 15:15.0; 6, Johnson, SMU, 15:22.6.	10000 meters - 1, Kelley, MIT, 32:22.51; 2, Garcia, MIT, 32:25.31; 3, Sprague, Bates, 32:28.53; 4, Colby, Bates, 32:28.53; 5, Johnson, SMU, 32:28.53; 6, Colby, Bates, 32:28.53.
1600 meter relay - 1, Tufts, 3:22.51; 2, Brandeis, 10:29.0; 3, Bates, 10:20.7; 4, MIT (Kowalski, Stein, Manning, Piapergardes), 10:20.7; 5, Amherst, 10:35.01; 6, Bates, 10:39.78.	1 mile - 1, Kelley, MIT, 4:01.04; 2, Garcia, MIT, 4:01.04; 3, Sprague, Bates, 4:01.04; 4, Hickey, Bowdoin, 4:01.04; 5, Rich, Tufts, 4:01.04; 6, Johnson, SMU, 4:01.04.
2 mile - 1, Kelley, MIT, 8:02.08; 2, Garcia, MIT, 8:02.08; 3, Sprague, Bates, 8:02.08; 4, Hickey, Bowdoin, 8:02.08; 5, Rich, Tufts, 8:02.08; 6, Johnson, SMU, 8:02.08.	400 meters - 1, Dunzo, MIT, 49.42; 2, Todman, Fitch, St., 49.59; 3, McGongil, SMU, 50.85; 4, Moore, Brandeis, 51.47; 5, Hutton, Tufts, 51.65; 6, Farley, CGA, 51.69.
800 meters - 1, Makatiani, MIT, 1:04.09; 2, Maher, West, St., 1:05.49; 3, O'Brian, Bates, 1:06.84; 4, Behr, Williams, 1:07.09; 5, Boldwan, Amherst, 1:07.43; 6, Kowalski, MIT, 1:07.64.	1500 meters - 1, Johnson, CGA, 4:01.04; 2, Dixon, Bates, 2:33.47; 3, Hammond, Brandeis, 2:35.10; 4, Colby, 2:36.44; 5, Yim, Bowdoin, 2:36.54; 6, Silveira, Tufts, 2:37.44.
5000 meters - 1, Kelley, MIT, 15:11.8; 2, Garcia, MIT, 15:13.8; 3, Sprague, Bates, 15:15.0; 4, Hickey, Bowdoin, 15:15.0; 5, Rich, Tufts, 15:15.0; 6, Johnson, SMU, 15:22.6.	10000 meters - 1, Kelley, MIT, 32:22.51; 2, Garcia, MIT, 32:25.31; 3, Sprague, Bates, 32:28.53; 4, Colby, Bates, 32:28.53; 5, Johnson, SMU, 32:28.53; 6, Colby, Bates, 32:28.53.
1600 meter relay - 1, Tufts, 3:22.51; 2, Brandeis, 10:29.0; 3, Bates, 10:20.7; 4, MIT (Kowalski, Stein, Manning, Piapergardes), 10:20.7; 5, Amherst, 10:35.01; 6, Bates, 10:39.78.	1 mile - 1, Kelley, MIT, 4:01.04; 2, Garcia, MIT, 4:01.04; 3, Sprague, Bates, 4:01.04; 4, Hickey, Bowdoin, 4:01.04; 5, Rich, Tufts, 4:01.04; 6, Johnson, SMU, 4:01.04.
2 mile - 1, Kelley, MIT, 8:02.08; 2, Garcia, MIT, 8:02.08; 3, Sprague, Bates, 8:02.08; 4, Hickey, Bowdoin, 8:02.08; 5, Rich, Tufts, 8:02.08; 6, Johnson, SMU, 8:02.08.	400 meters - 1, Dunzo, MIT, 49.42; 2, Todman, Fitch, St., 49.59; 3, McGongil, SMU, 50.85; 4, Moore, Brandeis, 51.47; 5, Hutton, Tufts, 51.65; 6, Farley, CGA, 51.69.

Men's gym reaches season-high score, but falls to CCNY

By Keith J. MacKay
The men's gymnastics team gave its best performance of the season Saturday in a meet against City College of New York. MIT had a season-high team score of 167.85, surpassing its previous best by over 20 points. Although CCNY won the meet with a score of 194.6, MIT Coach Fran Molesso, who had made 150 points the team goal for the season, was pleased with his young team's performance.

This was the first meet of the season in which the Engineers had five competitors in each event. Reginald W. Abel '92 gave an excellent performance on the floor exercise, incorporating a difficult front-front and also a front somersault with a full twist into his routine for a season-high score of 8.0. Manuel E. Jaime '93 contributed 6.3 points to the team's total by tumbling a roundoff-back handspring-back somersault and impressed the crowd with his solid Y-scale.

On the pommel horse, Jeffery T. Anderson '90 received 4.9 points for his well-executed travel-down and superb form. Antonio Hernandez '91 scored a 4.5 with a routine including scissors and a press to a handstand dismount. The team as a whole scored 23.05 points in this event, not far behind CCNY's 25.95.

On the still rings, the Engineers put up a valiant fight with a score of 26.10 against CCNY's 27.55. Joseph Everett of CCNY gave the top performance of the day on the rings as he was awarded a 6.2. Hernandez was not far behind with a 6.15, and Joseph M. Fugaro '91 was also close with a 5.8. Hernandez both began and ended his routine with a bang, starting off with a shoot to a handstand and dismounting with a back uprise-back off. Team captain Fugaro showed off the best iron cross of the day and also executed a back uprise-back off dismount. Abel performed two iron crosses in his routine

and drew appreciative comments from the CCNY team for his front-somersault dismount.

The Engineers' vaulting proved to be their best of the season, scoring 38.0 for the team to CCNY's 41.15. Fugaro and Abel tied for MIT's high score, each receiving an 8.1 for their vault. Fugaro did a marvelous handspring, while Abel threw a difficult front handspring-front somersault.

Abel also turned in the top MIT performance on parallel bars (5.75), including a front toss in his set. Hernandez did some excellent back-cut-catches and earned a respectable 5.45 due to his rock-steady handstand and back-off dismount.

High bar, the last event of the meet, gave Hernandez (4.75 points) and Clint W. Grimes '90 (4.70) a chance to thrill the crowd as both executed flyaway dismounts.

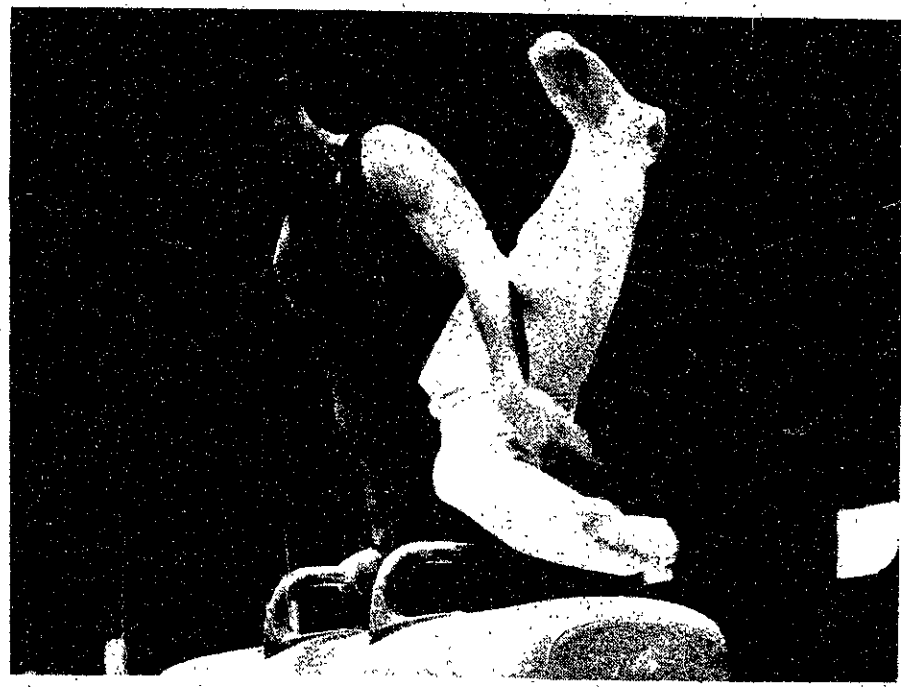
Both Abel and Jaime went all-around, receiving 35.85 and 31.0

points, respectively. Hernandez received 26.75 points while performing in five events, and Fugaro earned 26.3 in only four.

The last meet of the season is

next Saturday at the University of Vermont.

(Keith J. MacKay '91 is a member of the men's gymnastics team.)



William Chu/The Tech
Keith MacKay '91 performs on the pommel horse.