

MIT considers IAP changes Survey: many students spend IAP on recreation

By Darrel Tarasewicz

MIT is considering fundamental changes in the structure of the January Independent Activities Period proposed by the Independent Activities Period Policy Committee. Members of the committee believe that students are spending the time in unproductive ways.

Among the proposals are: cutting IAP to one week, making

IAP activities required in some way, and offering academic courses during IAP, according to Professor David G. Wilson, chairman of the policy committee.

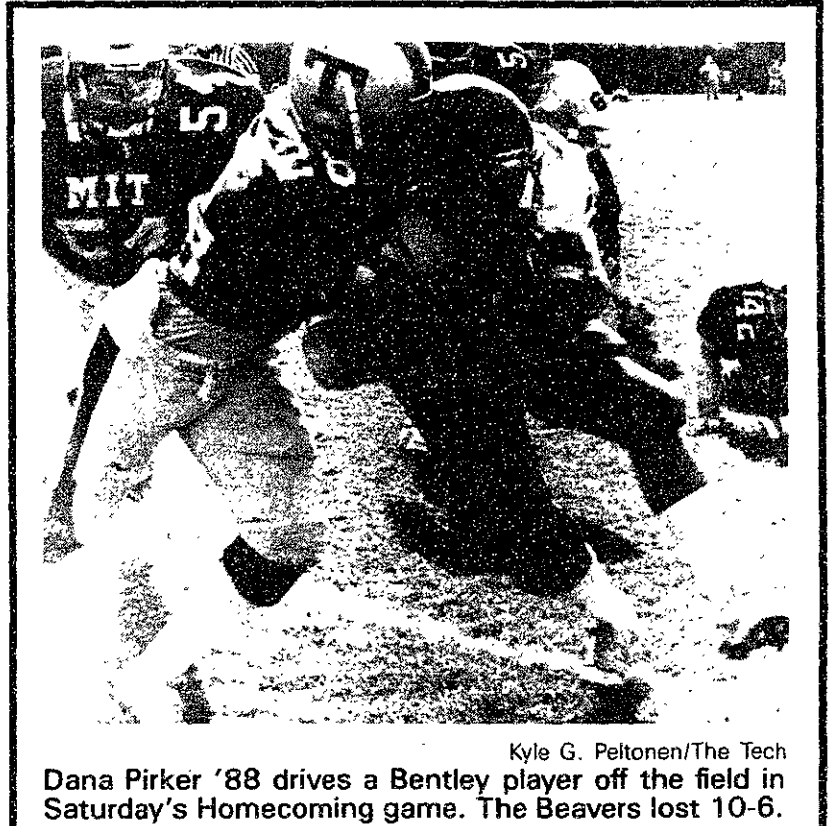
There is a strong feeling among a minority of faculty that IAP is not fulfilling its educational purpose, according to a confidential memo from Wilson to the committee members. "Most un-

dergraduates are not participating in wider activities that could be considered educational or even broadening, and IAP may have actually increased the pace and pressure during the shortened terms that remain," the memo states.

Very few undergraduates participated in any official IAP activities last January, according to a survey by the Undergraduate Academic Support Office. Some faculty question whether IAP serves an intellectual purpose and whether the expense of keeping MIT open during January can be justified, said Dean for Undergraduate Education Margaret L. A. MacVicar '65.

Marya Lieberman '89, a student member on the committee, felt that there is "a prevailing attitude among the faculty that

(Please turn to page 7)



Kyle G. Peltonen/The Tech
Dana Pirker '88 drives a Bentley player off the field in Saturday's Homecoming game. The Beavers lost 10-6.

Wall Street rocked by largest one-day drop

By Earl C. Yen

The Dow Jones Industrial Average yesterday fell 508 points to close at 1738.41. The 22 percent decline was the largest percentage drop in the history of the Dow Jones, and yesterday's closing was the lowest since April 7, 1986.

David S. Ruder, chairman of the Securities and Exchange Commission, said he was concerned by the stock market's huge drop but was not considering asking for changes which would stop trading.

Yesterday's frantic selling in New York is sweeping financial markets around the world. Stock prices have plummeted this morning in Japan and Australia as the first stock markets opened today. Officials at the Hong Kong stock market said the market will remain closed for the rest of the week.

The White House said yesterday that President Ronald Reagan had directed aides to consult with the heads of the Federal Reserve, the SEC, the New York Stock Exchange, the Chicago Commodities and Future Exchanges, and leaders of the financial community.

The statement, read by Presidential spokesman Merlin Fitzwater, said, "These consultations confirm our view that the underlying economy remains sound." The president noted that an

(Please turn to page 9)

Simplex protest seeks more housing

By Niraj S. Desai

Approximately 200 people attended each day of a "tent city" protest on Saturday and Sunday to dramatize the need for more homes for poor and working-class residents on the 27-acre MIT-owned Simplex site, according to William Cavellini, head of the Simplex Steering Committee, the community group that organized the protest.

The protest was primarily directed against MIT's controversial million development package — University Park — on part of the Simplex site. The protesters are pushing for more housing and light industry in the development.

Although the protest was supposed to end on Sunday afternoon, about a dozen homeless people continued to occupy the

land through last night. An MIT official would not speculate on what action would be taken if they refuse to leave.

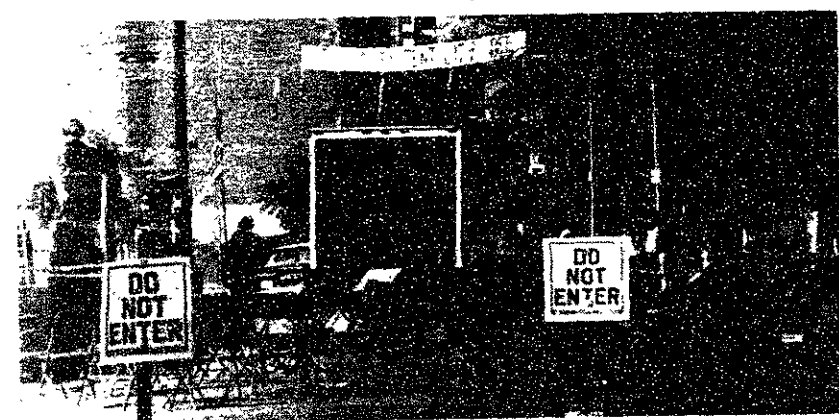
Cavellini said his group obtained a city permit to occupy Blanche and Green Streets, which run through the Simplex area, for those two days. But many of the protesters also used adjacent land belonging to MIT.

Walter L. Milne, assistant to the chairman of the MIT Corporation and to the president, had been told earlier in the week that the protest might spill over onto MIT land, Cavellini said. But MIT did not give permission for the use of the land or make a formal arrangement with the protesters, he added.

Milne confirmed that he knew that MIT's land might be used by the protesters, but said that MIT did not consider the trespass serious enough to complain.

The two-day protest began on Saturday afternoon with musical performances and speeches by,

(Please turn to page 10)



Kyle G. Peltonen/The Tech

The Simplex Steering Committee held a two day protest this weekend of MIT's Simplex development plans.

Counseling services assist over 700 annually

Feature

By Paula J. Maute

MIT students seek professional counseling for problems ranging from loneliness, academic and financial pressures, relationship and sexual concerns, to the stresses of adjusting to life at MIT, according to MIT mental health professionals.

Each year, the Medical Department's psychiatric and social work staff provide counseling and support services to about eight percent of the student population, or over 700 students, according to Merton Kahne, chief psychiatrist at the Medical Department.

Questions such as "Who am I?", "Why am I here?" and "Is this the right place for me?" are common issues, according to Kahne. Students "need a place to think things through and talk with someone . . . a place where they're not going to be told how to do things," he added.

Most of the problems students bring to therapy are emotional conflicts that average 18-24 year olds experience, according to Kahne. Only a "very small number of students (who seek counseling) have a full blown mental illness," he pointed out.

Suicides at MIT have averaged about one per year for the past 25 years, which is below the national average for the college-age

population, according to Kahne. But the two suicides that have occurred this year, are "two too many," he added.

Career decisions and financial obligations cause anxiety for many students. The "costs of going to school today are an enormous economic strain," and living in Boston is also very expensive, Kahne said. Fifteen or 20 years ago, if a student was having a hard semester, he could drop a course, relieve some tension, and extend his studies for an additional semester. But today, most students cannot afford an extra semester of tuition and living expenses, Kahne explained.

Student concerns have changed

(Please turn to page 12)

No accord reached in CP labor talks

By Wayne W. Wu

(First of two parts)

MIT's contract negotiations with the Campus Police Association have been at an impasse since May, according to James J. Fandel, manager of MIT labor relations. As a result, the MIT administration has opted to implement temporarily a previous contract offer until an agreement can be reached.

The Campus Police union has

elect to postpone further negotiations until a new chief is appointed, in the hopes that he will be able to accelerate the talks. The current chief, James Olivieri, plans to retire on Dec. 1.

Fandel began to feel in May that negotiations, which began in May 1986, had reached an impasse. There has been total disagreement between the parties, he asserted.

"Things aren't going anywhere," commented Senior Vice President William R. Dickson '56.

On October 5, in response to the stalemate in negotiations, the administration implemented parts of a June 24 contract offer as a substitute for an actual agreement. The offer includes an 8 percent pay raise and improved benefits, as well as an agreement to continue to studies on the feasibility of alternate work schedules. That offer was rejected by the union by a vote of 33-3.

The administration's contract offer also contained three stipulations — sheriff power, reverse schedule, and retroactive pay — that were not implemented but remain negotiable, said Campus Police Association President Paul Conway. These three areas remain a central area of debate.

MIT made a "unilateral decision" to implement the plan, Dickson said. He also emphasized that this was an "offer, not an agreement," and that both

parties must "ultimately negotiate a conclusion."

Dickson said the administration's bargaining position was clear. "We've put an offer on the table," he noted.

Fandel said, "It's [the union's] move if they are going to make one" and that "we're perfectly willing to meet with them."

Conway also maintains his willingness to continue negotiations. "I didn't agree to the impasse," he said. "We're willing to sit down and talk."

But the union has decided to postpone negotiations until a new chief is appointed. Conway asserted that Olivieri "has done nothing to help us" and he expressed hope that "the next chief will help straighten [the negotiations]" and allow the union to avoid seeking arbitration.

Controversial offers

The administration did not implement the more controversial aspects of its contract offer — instead leaving them open to negotiations.

One such provision is the deputization of officers in Middlesex County. This "sheriff power" would allow the Campus Police to arrest people off-campus, and much of the union is in favor of it, Conway said. Last October the administration had planned to deputize the force but the plan

(Please turn to page 9)

Two former students found dead

Samuel Amponsah SM '79 and Melanie Amponsah, two former MIT graduate students, and their 8-month old daughter were found dead in their Mattapan apartment on Friday, October 16. The cause of death has not been determined. They were discovered by officials who had come to evict the family from their house at 64 Tennis Road. The family members had probably been dead for several days, and there was no indication of a homicide, according to *The Boston Globe*. Boston detectives are continuing an investigation.

Samuel Amponsah, a 33-year old native of Ghana, came to MIT in 1977 after graduating with a BS degree in chemical engineering from Cornell University. He lived at Ashdown House for eight years. He received his SM degree in 1979 and continued on with his doctoral studies. His academic advisor, Professor Jack B. Howard, said he was in the process of finishing experiments for his doctoral thesis when he dropped out of the program last October to pursue religious interests. Howard described him as a jovial and active person.

Samuel married the former Melanie Hines in the MIT Chapel on Jan. 5, 1985. Melanie Amponsah, who came from Staten Island and received a BA from Trinity College, entered MIT's graduate program in political science in the fall of 1982 with the support of a National Science Foundation grant. She left the program in May, 1986 to have a baby.

Historical drama meets stark reality in Nicaragua

Reporter's Notebook

Daniel J. Glenn G is an architecture student who recently returned from his third trip to Nicaragua where he worked as a volunteer architect for five months. This is the first in a series of articles for The Tech relating his experiences.

After his first trip he wrote a similar set of articles called "Notes from Nicaragua" for the Montana State Exponent which won an honorable mention from the Rocky Mountain Collegiate Press Association.

By Daniel J. Glenn

I was killed in Nicaragua. Shot dead by Nicaraguan soldiers on the streets of Grenada, Nicaragua. I went down hard in a swirl of dust with gunfire blasting all around me. A dozen other *gringos* clamored past my aching body, desperately trying to reach the relative safety of an adobe house at street's end.

I lay still under the burning sun, my lungs heaving slowly in the dust. My shirt was soaked in sweat and I felt sharp pains in my hips and legs. Four Nica soldiers lined up behind my body, knelt and fired in the direction of the house. The explosion of gunpowder rang in my ears, and just as I thought I'd taken my last breath, British director Alex Cox yelled, "Cut, ¡otra vez! [one more time]"

I eased myself back on my feet and prepared to die one more time for 15,000 *cordobas* (about five bucks) a day and a fleeting chance at fame. I was working as an extra on the set of *Walker*, a film about the life of William Walker shot on location this spring in Nicaragua.

Colonel William Walker, who is played by Ed Harris, was a US adventurer who led a successful mercenary attack on Nicaragua in 1854. With the financial backing of William Vanderbilt and official recognition by US President Franklin Pierce, Walker declared himself President of Nicaragua.

"President" Walker re-established slavery and made English the country's official language before being driven

out by Central American armies in 1856. Executed in Honduras after a failed comeback in 1860, Walker was largely forgotten in the United States, but in Central America he has remained a lasting symbol of US aggression.

While I wasn't getting shot or yelled at I occasionally had a chance to speak with Alex Cox, who is best known for his films *Repoman* and *Sid and Nancy*. Cox was quick to point out what he sees as similarities between William Walker and President Ronald Reagan, and he was outspoken about the political role of his movie.

Reagan, according to Cox, is carrying on a policy of interventionism in Nicaragua begun by Colonel Walker's invasion in 1854, continued by the US Marine invasions in 1912 and 1926, and Lt. Colonel Oliver North and the Contras in 1981-87.

The *Walker* film uses anachronistic devices such as green plastic sunglasses, a downed airplane, and a troop transport helicopter to connect Walker's world of the 1850s with Reagan's world of the 1980s.

I didn't go to Nicaragua to be in a movie. Like most of the other extras on the *Walker* film, I went to do solidarity work with the people there. My co-worker, Susan Atkinson, and I had only been in Managua a few days when we heard someone was making the rounds of the *hospedajes*, looking for *internacionalistas* to play the role of Walker's infamous mercenary soldiers, *Los Inmortales*, The Immortals.

At 7 am on March 21, Susan and I squeezed into the back of an old Datsun marked "Walker #23" and headed to Old Leon for our first day of filming.

We were driven out to an ancient farmhouse on the edge of Lake Managua. Below the farmhouse a tent was set up with make-up tables underneath and vans filled with costumes and props were parked all around. Hanging out in the shade of trees were a lot of dusty, unshaven cowboys carrying black powder rifles and long knives

along with dozens of dark-eyed Nicaraguans with black mustaches wearing sombreros and loose-fitting white linen uniforms. The Nicas were carrying bayonet rifles and had machetes strapped to their rope belts.

I was hustled over to the costume van and handed a sweaty old costume of dirty blue button-up pants and a coarse long-sleeved shirt, complete with cowboy hat, leather boots, and bandana.

After a quick make-up session that hid my Boston-white skin with Hollywood grime, I strapped on a black powder six-shooter and, transformed into a nineteenth century mercenary, I swaggered over to Susan. She looked at me and laughed saying "Don't forget to take off your digital watch!"

I joined in with a group of veteran extras lined up in a manure-strewn cattle corral, and, on "Action!" we ran down from one side to the other with the Nicaraguan extras on horseback charging us from behind. I was really getting into my role, racing to the front of the pack so my face might show up on the big screen — until someone pointed out that the camera was at boot level. I realized then I'd have to stick around awhile to gain real stardom.

After two weeks of running, shooting, sweating, falling, and, mostly, waiting, my short-lived film career abruptly ended with a sprained finger gained during a glorious yet off-camera fall. Cox saw my bandaged hand and ordered my death in the next scene; fear of law-suits I suppose.

I learned that we extras are one step below costumes and props, which are expensive and irreplaceable; we're neither. But I enjoyed playing cowboy for awhile, and I think the Nicaraguan extras had fun too. I hung up my costume and got back to the more serious business of building houses. The Nicas put away their white linen and their black-powder rifles, put on their olive-green, and grabbed their machine-guns — back to the mountains to fight the latest *inmortales*.

Budget Airfares

Round Trips from BOSTON
Fares start at:

LUXEMBURG	348
LONDON	369
PARIS	428
SYDNEY	1095
HONGKONG	749
CARACAS	360

Taxes not included.
ALSO: International Student ID, Youth Hostel Passes and EURAIL Passes issued on the spot!
Call for FREE CIEE Student Travel Catalog!

COUNCIL TRAVEL

BOSTON CAMBRIDGE
[617] 266-1726 [617] 497-1497

What if you don't get into the grad school of your choice?

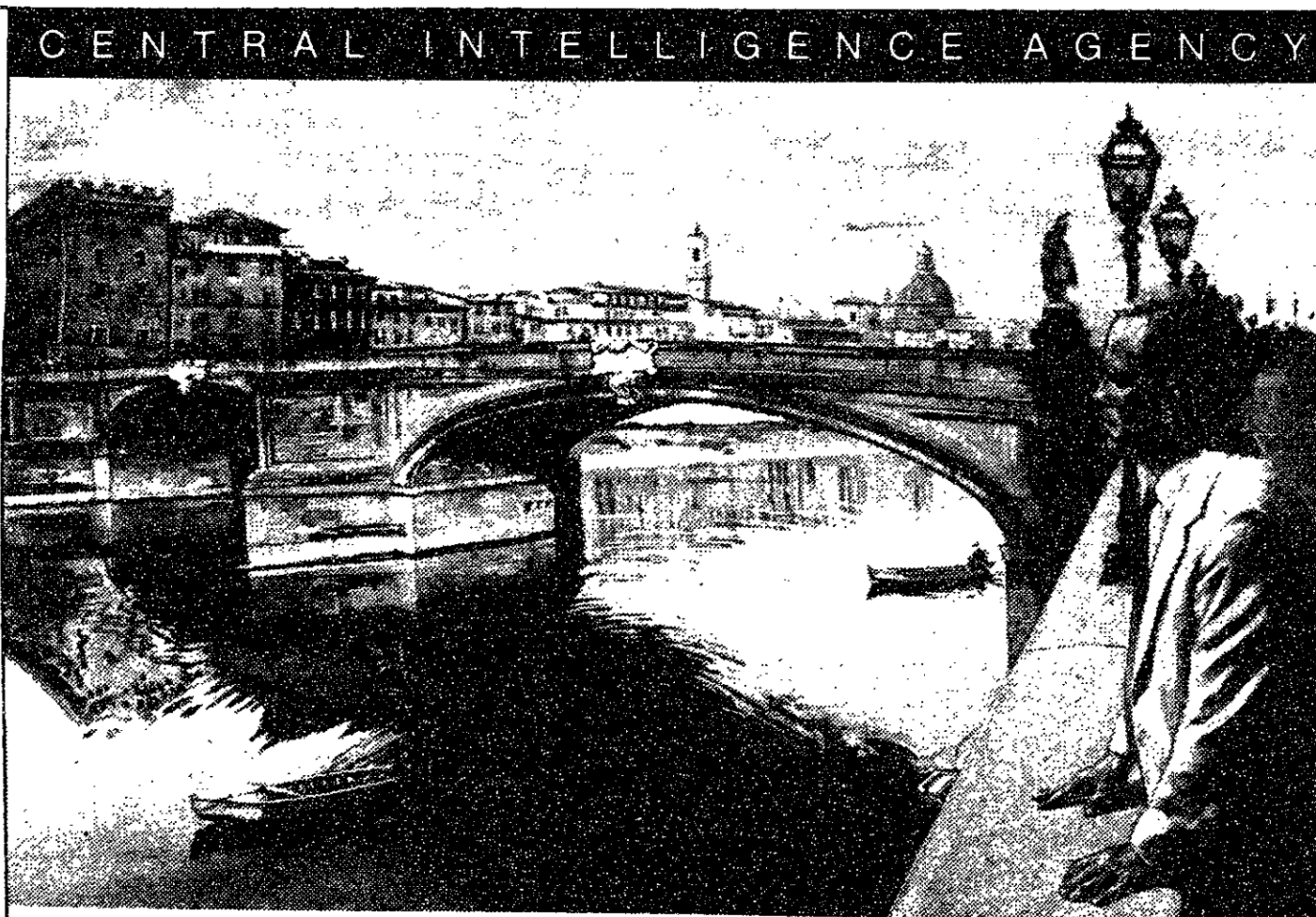
Of course, you may get into another school, but why settle? Prepare for the LSAT, GMAT, GRE, MCAI or any grad school entrance exam with the best test prep organization—Stanley H. Kaplan.

For nearly 50 years, Kaplan's test-taking techniques have prepared over 1 million students for admission and licensing tests of all kinds. So call. Why go to just any grad school, when you can go to the right one?

KAPLAN
STANLEY H. KAPLAN EDUCATIONAL CENTER LTD.
DON'T COMPETE WITH
A KAPLAN STUDENT—BE ONE

Prep now for Dec. LSAT,
GRE, & Jan. GMAT

Cambridge 868-TEST
Boston 266-TEST
Newton Centre 964-TEST



The Ultimate Overseas Career

For the extraordinary individual who wants more than a job, this is a unique career — a way of life that will challenge your deepest resources of intelligence, self-reliance, and responsibility. And the work is important. CIA supports decision making on foreign policy and national security at the highest levels.

The Task

Forget the 9-to-5 routine. You must be adventurous, yet self-disciplined and tough in mind and body. You will serve throughout the world, working with foreign nationals at all levels of society.

It takes special skills and professional discipline to produce results. You will need to deal with fast-moving, ambiguous, and unstructured situations that will test your resourcefulness to the utmost; situations that demand quick thinking based on knowledge, experience, and "street smarts" to solve problems on the spot. And you must be able to cope with supervision

without being dependent on it.

To those who qualify, we provide the opportunity to succeed and excel and make a real difference — not for public applause, but for yourself and for our nation.

The Professional Profile

An overseas CIA career demands a special combination of capabilities: Honesty. Force of personality and a talent for dealing with people and situations anywhere in the world. Superior intellectual ability, unimpeachable integrity, curiosity and superlative powers of observation. First-rate communications skills, including the ability to produce lucid and accurate reports. The drive to achieve.

Do You Measure Up?

If you have the skills, desire, and discipline, you may qualify for selection into our intensive entry-level leadership training program. Entrance salaries range from \$23,000 to \$35,000, depending on credentials. After training, you will be promoted as rapidly as your performance and talent permit.

To apply, you need a Bachelor's or advanced degree with a good academic record, interest in learn-

ing a foreign language, and US citizenship. An extensive background security check, medical and polygraph exams are also required. Maximum age is 35. Foreign travel, foreign language proficiency, previous residence abroad, and military service are pluses.

To explore a career with CIA, start by sending a resume along with a thoughtful letter explaining why you believe you can qualify. Include your day and evening phone numbers. We will respond to WRITTEN inquiries only. No phone calls.

We will soon be interviewing students at your college. If interested, please contact your Placement Office.

**Personnel Representative
Department S (NEWS)
P.O. Box 1920
Boston, MA 02205**



The CIA is an Equal Opportunity Employer.

news roundup

from the associated press wire

World

US attacks Iranian oil platforms

The United States yesterday destroyed two Iranian oil platforms in the Persian Gulf and boarded a third platform to destroy its radar and communications gear in the afternoon. Earlier in the day, four warships blasted a pair of oil platforms that US officials said had been used as bases for Iranian attacks on shipping. Yesterday's action was in retaliation for the Iranian attack that damaged a US-flagged Kuwaiti tanker Friday.

Following the attack on the first two platforms, Iran's president fired back with rhetoric, promising decisive retaliatory action. Ali Khamenei said President Reagan had made a "big mistake." Defense Secretary Caspar Weinberger said the United States isn't seeking further confrontation with Iran, but is ready to strike again if Iran does retaliate.

Presidential spokesman Marlin Fitzwater said the US action makes an important military and political point, while avoiding casualties that might have resulted from an attack on Iranian-occupied sites in Iraq. He said the United States will not allow Iran to get away with attacks on ships flying the American flag.

Reagan said the United States is not at war with Iran and called the attack an "appropriate and proportional response."

Initial reaction from both Democrats and Republicans has been supportive of yesterday's action.

Iran seized Stingers

An Afghan resistance leader said Iran seized nine American-made Stinger missiles in a skirmish with Afghan guerrillas in May. That would support reports circulating in Washington that Iran had acquired the shoulder-fired anti-aircraft weapons. Iranian forces fired what appeared to be a Stinger at a US helicopter in the Persian Gulf this month.

New Japanese premier chosen

Japan is getting a new prime minister. Noburo Takeshita has been chosen to succeed Yasuhiro Nakasone as prime minister and head of the governing Liberal Democratic Party. The former finance minister will serve for the next two years. Nakasone is stepping down tomorrow after five years in office.

Waite's release sought

The Church of England has revealed its latest effort to help secure the release of envoy Terry Waite and other hostages in Lebanon. A spokeswoman said on Sunday that the Archbishop of Canterbury's secretary for public affairs recently visited Syria and Lebanon to help in the negotiations. She described the visit as useful, but said it would be foolish to be optimistic.

Palestinian leaders boycott Shultz

Palestinian leaders in Israel boycotted a meeting Sunday with Secretary of State George P. Shultz PhD '49. They were protesting a US decision to close a Palestine Liberation Organization office in Washington. Shultz is in the Middle East to help restart the stalled peace process.

Local

LaRouche trial to begin today

A bitter feud among defendants in the case against Lyndon LaRouche erupted at what was to be a final pre-trial hearing in Boston yesterday. It is threatening to delay the fraud and conspiracy trial. Opening statements are scheduled for today, but US District Judge Robert Keeton has first to rule whether to try one of the defendants before LaRouche, the organizations, and the remaining aides.

That defendant, Roy Frankhauser, allegedly was hired by LaRouche to advise multimillion-dollar credit card and loan fraud scheme to finance the political extremist's 1984 presidential campaign. Frankhauser is a former leader of the Ku Klux Klan and former member of the American Nazi Party. His attorney has asked Keeton either to grant Frankhauser a separate trial or prohibit any mention of his KKK or Nazi ties.

But other defense attorneys claim LaRouche, his aides and organizations were set up by Frankhauser. They contend he plotted against LaRouche aides and organizations because many of the individual defendants were Jewish.

Sports

Billy Martin returns again

It is said truth is stranger than fiction. The New York Yankees reaffirmed that adage yesterday, when the team announced Billy Martin will return as manager for the 1988 season.

It will be Martin's fifth return as manager of the Yankees and Martin will be the 15th manager for the Yanks since the team was bought by George Steinbrenner in 1973. To make room for Martin, Steinbrenner moved Lou Piniella from the dugout upstairs to the job of general manager.

Piniella's two-year record as Yankee manager was a respectable 177-145. But Steinbrenner issued a two-page statement in August saying he might have made a "mistake" in hiring Piniella who had no previous managerial experience.

Martin returns to managing with a career record of 1218-990. Martin's resume includes a World Series title with the Yanks in 1977.

Oklahoma still tops poll

The latest Associated Press college football poll was released last night. There is no change at the top, or among the top four for that matter. But elsewhere there has been quite a bit of reshuffling.

While Oklahoma, Nebraska, Miami and Florida State remain entrenched in spots one through four respectively, Syracuse has broken into the top 10 for the first time since 1968. And the Southwest Conference is absent from the top 20 for the first time since 1967.

Returnees to this week's poll are 17th ranked Alabama and 20th ranked Michigan. The Crimson Tide and Wolverines replaced Arkansas and Oregon who dropped out of the top 20.

NFL players return to work

The dreams of most of the players who have been the stalwarts of the National Football League for the past three weeks came crashing down yesterday. As the regular players reported back to work, a bulk of the substitutes were let go. There were no reports of friction as the substitutes crossed paths with the striking players at stadiums around the NFL.

Nation

Goetz gets six months

The man who became known as the "subway gunman" has been sentenced to six months in jail and five years probation. A judge in New York City also fined Bernhard Goetz \$5000 and directed him to get psychiatric treatment. The sentence stems from Goetz's conviction on a charge of illegal possession of a gun — the same gun he used to shoot four young men he said were trying to mug him.

Nancy Reagan recovers after surgery

Nancy Reagan is said to be doing well after undergoing a mastectomy on Saturday. Final test results of tissue and lymph nodes removed during the surgery for breast cancer indicate the cancer did not spread. A White House spokesman said that the President has told his staff to stay flexible this week to allow him to visit his wife in the hospital.

Doctors attempt to save girl's foot

Doctors in Midland, TX, say they're optimistic they can save the injured foot of the toddler who spent two-and-a-half days in the depths of an abandoned well. Jessica McClure's right foot was inspected, cleaned, and tested yesterday during exploratory surgery. The 18-month-old's foot became wedged against a wall of the well, cutting circulation. Doctors say it appears blood is flowing throughout her foot now.

Stennis retires

US Sen. John C. Stennis (D-MS) said he will not seek re-election to the seat he's held since 1947. The 86-year-old Stennis, who is the longest-serving member of the current Senate, cited health reasons. He had prostate surgery yesterday.

Rubes®

By Leigh Rubin



US accused of torture

Iran accused the United States Sunday of torturing four Iranian sailors taken captive after a clash in the Persian Gulf. Iran's deputy foreign minister warned that his nation's fighters are willing to retaliate and vows to make the remainder of President Reagan's term "the most bitter period of his political career." The four wounded Iranians and the bodies of two others were returned to Iran over the weekend.

Anti-Bork intimidation charged

The Senate Judiciary Committee is being asked to look into reports of possible dirty tricks in the confirmation hearings for Supreme Court nominee Robert-H. Bork. US Sen. Gordon Humphrey (R-NH), a Bork supporter, made the request in response to a report in Sunday's *The New York Times*. The paper said a committee aide made an intimidating phone call to the only black law school professor who was to testify in Bork's favor. After the call, the professor decided not to testify.

Deaver loses in Supreme Court

Jury selection began yesterday in the trial of former White House aide Michael C. Deaver, who is charged with perjury. A district judge in Washington swore in a panel of 100 prospective jurors. The action came as the US Supreme Court said jury selection must be conducted in public. Deaver's lawyers had wanted the ability to question prospective jurors in secret. Deaver is accused of lying to a grand jury and a Congressional panel about his actions as a lobbyist after leaving the White House.

Baby heart patient recuperates

The youngest person ever to get a human heart transplant is continuing to recuperate. "Baby Paul" got the walnut-sized organ soon after his birth on Friday. Doctors at Loma Linda University Medical Center in California say, so far, he has shown no signs of deterioration.

Court splits on barring entry

A 3-3 vote by the US Supreme Court has upheld a ruling that could restrain federal power to keep people linked with communist governments out of the United States. The ruling affirmed an appeals court decision that the government may have acted illegally in denying visas to four people. The appellate panel — with Supreme Court nominee Robert H. Bork dissenting — said the government may have been practicing guilt by association. But because the high court's ruling was split, it won't set precedent.

Two win \$46 million

Two Pennsylvanians have claimed the largest state lottery prize ever in America — \$46 million. Donald Woomer and Linda Despot bought the ticket together — and showed up for the news conference in Harrisburg in a limousine. Woomer said he's planning to help his family with the money — and go on vacations.

Kissinger willing to join Cabinet

Henry Kissinger says he regrets he could never aspire to the US presidency. Kissinger was born in Germany, and the Constitution states that only natural born citizens can become president. In an interview with London's *The Sunday Telegraph*, Kissinger said he would take the post of secretary of state again. He said if the job is offered, one has a duty to accept it.

Weather

Enjoy it while it lasts

It looks as if we are in store for another nice day today. By tonight, however, our weather conditions will deteriorate as a cold front approaches our region. We can expect wet weather early Wednesday and then much cooler weather late Wednesday into Thursday as cold Canadian air pushes into our region.

Today: Skies will be partly to mostly sunny with high temperatures 60-65°F (15-18°C). Winds will be from the south at 5-10 mph (8-16 kph).

Tonight: Increasing cloudiness with lows near 50°F (10°C).

Wednesday: Clouds and showers will give way to clearing skies by nightfall. Highs will be near 60°F (16°C) and winds will shift to become northwesterly.

Thursday: Partly cloudy and cooler. Highs 50-55°F (10-13°C).

Forecast by Robert Black

Compiled by Niraj S. Desai

opinion

Editorial

IAP needs more, not fewer options

Independent Activities Period is a unique and important time in the MIT year. The IAP Policy Committee believes it has identified a problem with student participation in IAP activities. But the committee must be careful not to throw away the existing benefits of IAP in proposing measures to attract greater involvement in educational activities.

The IAP Policy Committee has based its study of IAP improvements on a flawed set of assumptions. The committee considers reviewing course material from previous subjects to be a productive activity, but rejects the value of reading popular novels. This limited view of productive activity has caused the committee to overestimate the amount of "wasted" time during January.

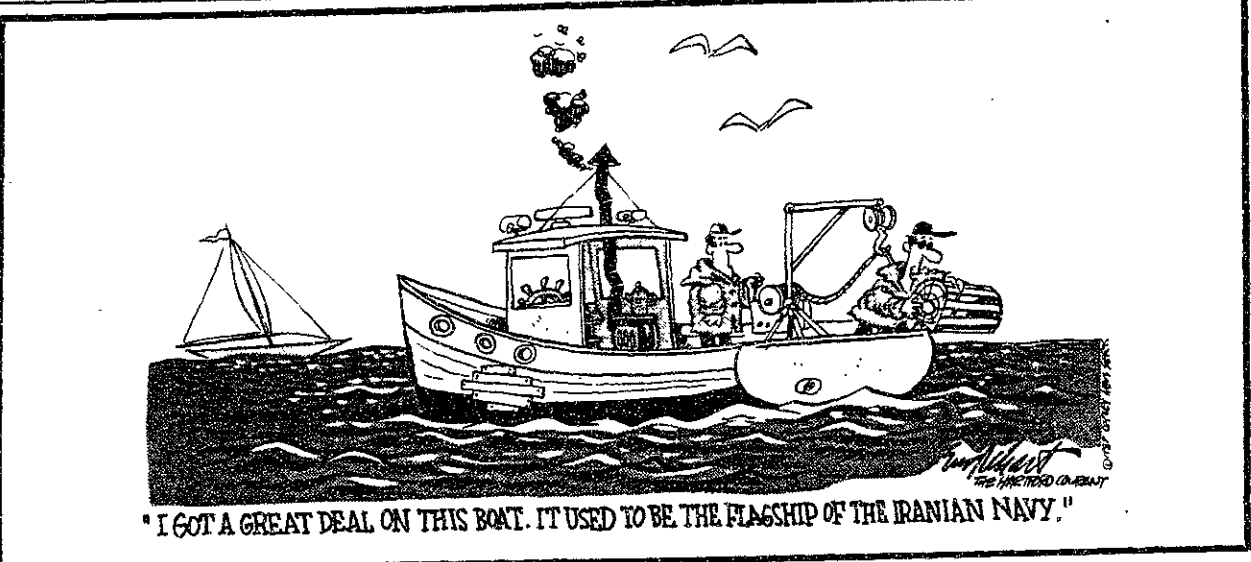
While Dean Margaret L. A. MacVicar '65 says "rest and relaxation miss the boat as to what IAP is all about," for some students IAP and winter vacation are the only time they can escape the pressures of school and the workplace. Other students rely on IAP for up to a quarter of their yearly income.

Learning involves more than just academics, and IAP presents students with a good chance to learn to plan their own intellectual and personal lives. Committee Chairman David G. Wilson explained that MIT students "get so used to being told what to do" that they need more structure over January. But the committee should encourage students who desire a more structured IAP to learn how to create their own, rather than adding more requirements to an already rigorous academic calendar.

The Institute should avoid any calendar changes which would eliminate the optional attendance January period, especially the potentially disastrous suggestion to offer "IAP days" over spring semester in place of IAP. Such a change would totally eliminate the value of IAP and would almost certainly be unsuccessful.

Increasing the choices offered during IAP is a much better suggestion. Specifically, the proposal to add three- and six-unit classes would add a valuable opportunity to study intensely a subject which a student might feel unable to risk spending an entire term studying. This would be especially helpful for freshmen who are deciding whether or not to declare a specific major.

The committee should direct its attention towards new IAP opportunities, rather than attempting to form the period into a third academic term.



Column/K.J. Saeger

Peace prize rewards useless effort

Wouldn't it be wonderful if someone would give you over \$100,000 simply for being the most publicly naive person of the year? It sounds too good to be true, doesn't it? Well, believe it or not, such a prize is given out every few years. In the past, this prize has been won by poets, doctors, holy persons, heads of state, and housewives.

Clearly, this is not the only award of its kind. For instance, every year someone believes that the Publishers' Clearing House Sweepstakes is winnable and, after sending in the "winning number," they do in fact win. By the same token, people weekly ignore statistics and spend their dollars in an attempt to win the state lottery.

But the prize of which I speak carries not only a monetary award, it also carries with it a certain amount of fame and respect.

Now, I did mention previously that this prize was given out every few years. In some years, perhaps because of a lack of an act of grandiose futility, this award is given to a humanitarian. Mother Teresa and Albert Schweitzer have received this prize.

At other times, deserving organizations receive this prize. The Red Cross has received it on three separate occasions.

If you have not yet guessed about what I am writing, take heart, because this is a trick question. The name of this prize seems to have nothing to do with to whom the award is given or why. This award is the Nobel Peace Prize.

This year's recipient, Costa Rican President Arias, follows in the great tradition of the blissfully naive. His name will be added to the ranks of Tutu, Walesa, Corrigan and Williams, and Kissinger. All are famous for receiving the prize, and all accomplishing nothing — or worse.

Tutu seems no longer to believe in peaceful reform. Solidarity met with the imposition of marshall law. The killing remains unabated in Northern Ireland. Jews are still persecuted in the Soviet Union, and the peace in Vietnam was excruciatingly short-lived.

Could Alfred B. Nobel truly have wanted his prizes given for good intentions? I think not. No matter how noble the effort, the Nobel prize for physics is not given

to people with good ideas that cannot pass the test of reality. The prizes are given for results.

Like the person striving for a perpetual motion machine, those attempting negotiated peace with Marxist regimes are doomed to fail. Just as the prize in physics is not given to the former, the prize in peace should not be given to the latter.

In the case of Arias, a grave mistake has been made. Whereas some of the aforementioned recipients were undeserving, the awarding of the prize was merely whimsical, not dangerous. In this case, the consequences of the illusion of peace may be more distasteful than is the current armed conflict.

Arias has stated that he is not sure that Ortega is sincere. He says, however, that now, with removal of *contra* funding, Ortega's excuse for marshall law has also been removed. Arias goes on to say that if reform still does not come, then we will know Ortega for the dictator he is and can take steps to stop him. World opinion will turn against Ortega and he will have no option but to reform. Arias must surely live in the Wonderful World of Disney.

(Please turn to page 5)

The Tech

Volume 107, Number 42 Tuesday, October 20, 1987

Publisher Michael J. Garrison '88
Editor in Chief..... Earl C. Yen '88
Business Manager..... Mark Kantrowitz '89
Managing Editor..... Ben Z. Stanger '88
Production Manager..... Ezra Peisach '89

News Editors Mathews M. Cherian '88
 Andrew L. Fish '89
 Akbar A. Merchant '89

Night Editors David B. Plass '90
 Mark D. Virtue '90

Arts Editors Peter E. Dunn G
 Jonathan Richmond G

Photography Editors David M. Watson '88
 Kyle G. Peltonen '89

Advertising Manager Halvard K. Birkeland '89
Contributing Editors V. Michael Bove G
 Julian West G

ARTS STAFF

Barbara A. Masi G, Mark Roman '87, David Saslav '87, Julie Chang '89, Ricardo Rodriguez '91.

PHOTOGRAPHY STAFF

Rich R. Fletcher '88, Tom Coppeto '89, Victor Liau '89, Joyce Ma '89, Ken Church '90, Lisette W. Lambregts '90, Mike Niles '90, Sarath Krishnaswamy '91, Mauricio Roman '91, Alice P. Lei; **Darkroom Manager:** Mark D. Virtue '90.

PRODUCTION STAFF

Associate Night Editor: Marie E. V. Coppola '90; **Staff:** Illy King '89, Eric Brodsky '90, Jeeyoon Lim '90, Daniel Peisach '90, Stacy A. Segal '90, Ajay G. Advani '91, Jabin T. Bell '91, Scott R. Ikeda '91; **TEN Director:** Halvard K. Birkeland '89.

PRODUCTION STAFF FOR THIS ISSUE

Night Editor: Marie E. V. Coppola '90
Associate Night Editor: Mark D. Virtue '90
Staff: Peter E. Dunn G, Katie Schwarz '86, Michael J. Garrison '88, Andy L. Fish '89, Kyle G. Peltonen '89, Ezra Peisach '89, Jabin T. Bell '91, Sarath Krishnaswamy '91.

The Tech (ISSN 0148-9607) is published Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer for \$14.00 per year. Third Class by The Tech, 84 Massachusetts Ave., Room W20-483, Cambridge, MA 02139-0901. Third Class postage paid at Boston, MA. Non-Profit Org. Permit No. 69720. **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. **Advertising, subscription, and typesetting rates available.** Entire contents © 1987 The Tech. The Tech is a member of the Associated Press. Printed by Charles River Publishing, Inc.

feedback

New "Star Trek" as good as ever

To the Editor:

David Saslav's review of the premiere of "Star Trek: The Next Generation" is a textbook example of how not to write a review. Not only is his general conclusion wrong; more importantly, it isn't even well argued. His review, though full of whiny rhetoric, lacks substance.

Most of the "review" was nothing more than cheap name-calling (e.g. "... a still talentless DeForest Kelley"); very few examples were cited to support his claims. In fact, in complaining about the dialogue, he admits he cannot even remember any of it (and evidently did not think to write it down).

He complains that the new show is derivative. What a surprise! It is, after all, derived from the original Star Trek series. You can tell by the title.

Saslav's only two attempts at specifics come near the end of the review. His first, that McCoy's cameo is "utterly maudlin," is actually a reasonable thing to say. Whether or not one agrees (I don't), at least one can evaluate his argument.

His other close encounter with the facts involves his reference to "space jellyfish." It is clear from his tone that he does not like them, but he neglects to tell us why. It cannot be simply that fact that they look like jellyfish — the creatures in the revered original series included a light-year sized paramecium, headless gerbils,

and, of course, a horned Pekingese.

While not without flaws (the security officer's overly theatrical outburst in Q's courtroom is a case in point), this show was nevertheless a worthy addition to the Star Trek mythos. It admirably fulfilled its goal of bringing us up to date on the 24th Century: Klingons are allies, androids can enter Star Fleet, warp drive hasn't gotten much faster (only 9.8), and kids are standard equipment on starships now.

It introduced the new crew and command structure of the new Enterprise (all significantly difference from the old Enterprise) as well as a new long-term charac-

ter/subplot (the Q).

The plot was better than Saslav gives it credit for ("two space jellyfish holding hands"). The actual plot, meeting a challenge to demonstrate compassion, is a perfectly reasonable Star Trek plot, and better than many.

In summary, there is a difference between a review and a stand-up comedy routine. Next time, I hope Saslav uses argumentation, backed up by specifics, in place of holier-than-thou sarcasm. Maybe then he will sound more like a reviewer and less like a cranky child who got a bike for Christmas instead of the pony he wanted.

Robert J. Hall G



opinion

feedback

Pope sets correct Catholic beliefs

To the Editor:

While reading Mary Condello's letter ["Saeger insulted American Catholics", Oct. 16], I could not help but remember a meaningful story which was said to greatly amuse the late Pope Paul VI. A journalist once interviewed Hans Kung, a theologian famous for his continuous criticisms of the Pope's infallibility:

"Well, Mr. Kung, so what do you pretend? Do you want to become Pope?" the journalist asked.

"No way," he answered, "I'd much rather remain infallible!"

Condello voiced outrage at a "self-righteous" author who

dared to say that there was anything un-Catholic about rejecting Catholic doctrine as taught by the Pope. Perhaps, it is not too rash to assume that Condello disents from papal teaching in some respect and stills feels every inch a Catholic.

If so, she is among those faithful who hold the unquestionably humble and modest opinion that they can decide religious and moral matters for themselves, thank you, without consulting the personal opinions of anyone so fallible as a mere Pope.

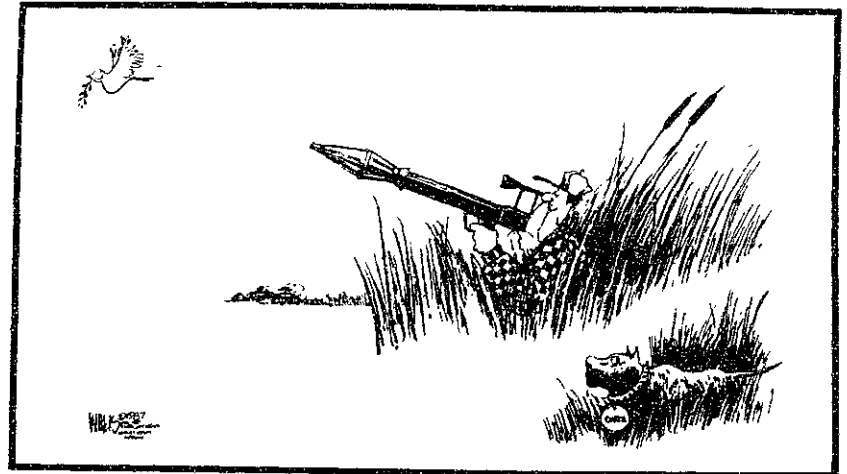
For people who freely call themselves Catholic, the Pope is not just one more member of the

Church; nor is he another "spiritual leader," as Condello condescendingly dubs him. Among many other things, Catholics differ from non-Catholics in that we believe that the Roman Pontiff is the successor of Peter and the Vicar of Christ on Earth. This is hardly a negligible point, as any non-Catholic Christian will be happy to tell.

Anyone can freely admit the possibility that, in matters of faith and morals, the Pope is either infallible or fallible. But it is quite plain, even to the most hardened atheist, that both positions cannot be right at the same time. If we accept this, it should be just as plain that both positions cannot be Catholic.

John Paul II himself recently told American bishops in Los Angeles, "It is a grave error to claim that dissent from the Magisterium is totally compatible with being a 'good Catholic,' and that it poses no obstacle to the reception of the Sacraments."

Juan A. Latasa '91



Nicaragua will never see peace without US, contra pressure

(Continued from page 4)

Ortega's strategy is simple. All Nicaragua has to do is to pretend to be pursuing democratic reform. With aid to the *contras* cut, they will wither and die in the field. All motivation for reform will perish with them and we will have another Cuba in our hemisphere.

In the real world in which we live, one must plan for the worst and hope for the best, not vice versa. The Arias plan is doomed to fail, and the Nobel committee is trying to force it down our throats.

The role of the committee is to honor peace makers, not to applaud foolishness or implement policy. If the committee is sincere in thinking that this plan will work, then the prize should have been awarded to President Reagan. His support of the *contras* was responsible for getting Ortega to the negotiating table in the first place.

K. J. Saeger, a graduate student in the department of aeronautical and astronautical engineering, is a columnist for The Tech.

UA store needs more planning, cooperation

To the Editor:

The issue of a Undergraduate Association store on the fifth floor of the Student Center is something that I have spent a lot of time discussing with people internal to the UA ["UA Council approves final plans for store," Oct. 16]. I am not concerned that the UA store was approved by the Council. I am concerned with the way it was approved.

First is the lack of respect among the students present during the store's discussion. Though I disagree with many of the points made, I respect all of the speakers. The lack of constructive comments that were made and the closed ears with which many of the comments were received appall me.

I would hope that, in the future, participants at council meetings give constructive comments in an acceptable manner. The UA Council is supposed to be a forum for discussion by the student body, and for presenting the views of one's constituency.

The UA Council has also missed out on a wonderful opportunity. The Coop's past pricing, service, and merchandise has been less and less directed towards students. The UA Council should consider the role it is playing in setting the standard for the first new commercial

space in the renovated Student Center. Taken in that light, the UA Council would not have opted to stock Coop merchandise at Coop prices in the new UA Convenience Store.

I ask the UA Council to reconsider its selection of a vendor for the store, and ask that they further examine the role that they could play in determining the quality of the retail vendors that will be in the renovated Student Center.

I hope that the UA Council is realistic about the venture that it is supporting. In view of the lack of student activity funding, how appropriate is it to spend \$10,000 (initial stock and startup expenses) for a service whose debts, if any, would come directly out of student activity reserves? Would not the space better be used as schedulable student activity space, given that during the renovation, student activities have lost the use of rooms 407 and 491?

I am surprised the Council allowed this store to be approved with so little forethought. Before the store starts, it could lose up to \$5000 in startup funds that might have been used elsewhere. Must we wait for an additional \$1000 loss before we say anything?

John Kuenzig '87

Discuss Your Future With General Electric "CAREER FAIR"

Who?

Engineers:
Electrical
Mechanical
Chemical
Nuclear
Aeronautical
Computer

Scientists:
Computer Science
Mathematics
Physics
Chemistry

What?

Technical Managers will provide information on career opportunities within the General Electric Company in such fields as:

- Artificial Intelligence
- Expert Systems
- VLSI
- Robotics
- CAD/CAE/CAM
- Computer Graphics
- Semiconductors & Microelectronics
- Plastics
- Metallurgy
- Ceramics
- Software Engineering
- Signal Processing
- Controls/Automation
- Aerospace Systems
- Medical Diagnostic Imaging Systems

Various career entry paths from MIT to GE will be discussed. These include Development Programs as the:

- Edison Engineering Program
- Manufacturing Management Program
- Chemical-Metallurgical Management Program
- Software Technology Program
- Information Systems Management Program
- Research Technology Program

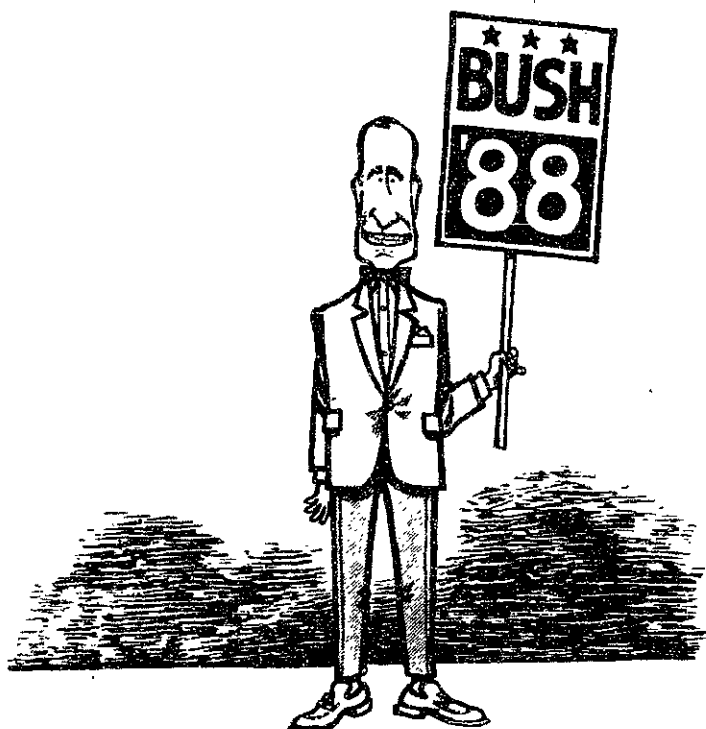
When and Where?

Wednesday, October 21 (4 — 6 p.m.)
Building 34
Room 101

What else?

Light refreshments and handouts.

PEE-WEE'S BIG ADVENTURE:



The future is working at General Electric



An equal opportunity employer

Merrill Lynch Capital Markets

will host an Informational Meeting for

MIT Seniors

to discuss the

Financial Analyst Program

Investment Banking Division
Corporate Finance Group

and

Debt and Equity Intern Program

Debt Financing Division
Global Broker/Dealer Group

on

Thursday, October 22, 1987

4:00 p.m.

Room 4-159

Changes to IAP discussed

(Continued from page 1)

they don't like seeing students flopping around."

It was Lieberman's belief, however, that changes as dramatic as a calendar change would not occur in time for the 1988 IAP.

Students bored during IAP?

"The reason why we are considering more serious changes this year is because we have found that a large percentage of people really don't spend their time wisely during IAP," Wilson said.

Wilson's main evidence was a study done last January by the Undergraduate Academic Support Office. The UASO randomly selected 46 students representing all four classes, and for a payment of \$25 asked them to keep detailed journals covering their IAP activities.

The results were analyzed in terms of total number of hours spent doing a productive activity during a 45-hour week, said Assistant Dean for Student Affairs Mary Z. Enterline, the administrator in charge of IAP.

According to the final report, "productive" activities included: studying material from prior courses, travelling, and working on an Undergraduate Research Opportunities Program project. The report also defined "non-productive" activities such as: reading popular novels, watching movies, and socializing with friends.

The report concluded that all classes except the seniors spent more than 60 percent of their time "non-productively." It also stated that 17 of the 18 freshmen surveyed participated in six or fewer activities that were listed in the IAP guide.

"Our main concern were comments like 'I'm so bored, I want the term to start,'" Wilson said. "It became clear to us that freshman weren't getting involved in IAP," he added.

Enterline pointed out, "This really isn't limited just to the freshmen. Out of 10 juniors, none of them participated in any Institute-sponsored IAP activity."

Attitudes like these that have many faculty wondering whether students are getting an education in January, Enterline said. "There is a sentiment among the faculty that if IAP is not being used educationally, then it should be eliminated," she added.

It costs \$12 million each year to keep MIT running during January, according to MacVicar. "If you don't put that time to good use, can you justify such a huge expense?" she asked.

"Many fraternities just write the word 'vacation' across the entire month of January," MacVicar continued. "In fact, it is not, since rest and relaxation miss the boat as to what IAP is all about."

Faculty participation in IAP is also not what it should be, according to Wilson's memo. In 1971, the first year of IAP, 245 activities were led by faculty; by 1987 that number had fallen to 125.

Various changes possible

Wilson's memo suggested that the committee select one of several broad options, including eliminating IAP or leaving it unchanged, for proposal to the faculty.

Some members of the committee favor requiring students to participate in IAP events at some point during their undergraduate years, Wilson said. Students would have to submit proposals describing what they planned to do during January to their advisors at the end of the fall term, he explained; after IAP, they would write a short report on their IAP experiences.

The committee is also considering offering three- and six-credit courses during January,



Kyle G. Peltonen/The Tech IAP Policy Committee Chairman David G. Wilson

Wilson said. These would co-exist with the one-day seminars currently being offered, he added.

Creation of the 3- and 6-credit courses would aid in providing more structure to IAP and would promote its intellectual goals, Wilson said. "We are getting signals from the students that they do want more structure to IAP. They get so used to being told what to do during the semester that when January rolls around, they don't know how to organize their time," he added.

More drastic ideas include

shortening IAP to one week. Every Monday or Wednesday during the spring semester would then be offered as an "IAP day," with various lectures and seminars available, Wilson explained.

"Though the idea of having Wednesdays as IAP days might sound good, it really wouldn't work here," MacVicar said. "Type A MIT people don't know how to be reflective and do things in a new way. The temptation would be to just cram all the studying and work into those days."

Peter Child, IAP coordinator for the Music Section, expressed confusion as to who is so unhappy with IAP that major changes need to be discussed. "Among all the faculty in the Music Section, all want to keep IAP the way it is now," he said.

Part of the reason why there may be such a complacent attitude towards IAP among the majority of the faculty is because all these changes would require more work, Wilson said. "Traditionally, January has been a time for faculty to catch up with their research," Wilson added.

**JOGGING
& BIKING
HEADQUARTERS**
WIDE SELECTION — FAMOUS LOW PRICES

**SWEATPANTS
SWEATSHIRTS
JOGGING SUITS
ATHLETIC FOOTWEAR**

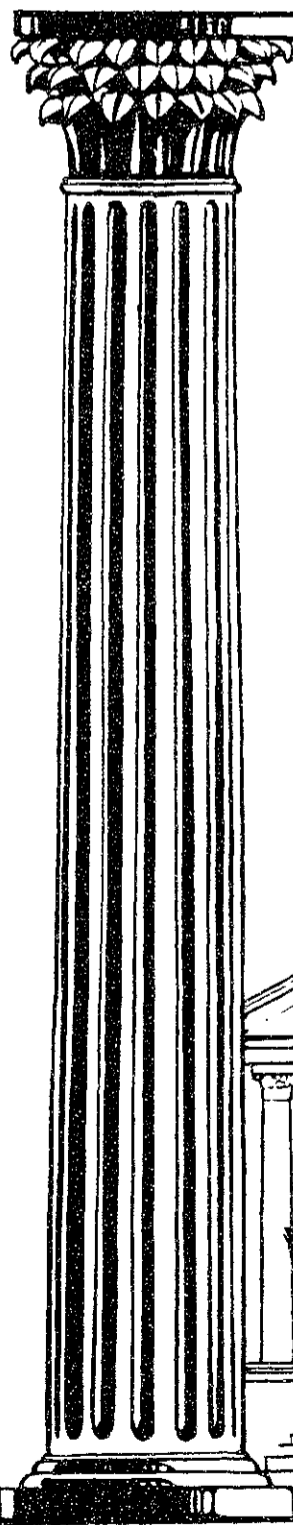
We feature lightweight nylon rain parkas and ponchos to keep you dry while you exercise

**CENTRAL
WAR SURPLUS**
433 Mass. Ave.
Central Sq.
Cambridge

**MASS
ARMY NAVY**
895 Boylston St.
Boston
(across from Pru.)

Remember how concerned you were about choosing the right school?

NCR



Now it's time to pick the right company. And you need to ask yourself the right questions. Will I find the right fit? Will I grow? How will the company help me attain my career goals? In other words, what kind of future is in store for me?

NCR has designed a variety of programs that identify top performers, determine the role where you'll do best, and assist in moving you up to management or through the technical ranks. We can truly say that we have one of the industry's most comprehensive educational and development programs.

NCR offers you exceptional career advantages. Excellent salary, outstanding benefits, highest caliber professional colleagues and an enlightened, supportive management style. With the financial and technical strengths of our innovative \$4.9-billion organization to back up your career.

If you're graduating with a Bachelor's or Master's degree, we'd like the chance to tell you more about your bright future with us. We have challenging opportunities in VLSI Systems Design, Multi-processor Architectures, Communication Networks, Expert Systems, Manufacturing Technology, Systems and Network Software and Systems Architecture and Integration.

**On-Campus Interviews
Wednesday, November 4**

See your Placement Office to set up an interview with our NCR Representative. NCR is an equal opportunity employer.

**When you know where we're going,
you'll choose NCR.**



Pioneer the future with us.

**Interview
Sign-Up
and
Information
Day . . .**

For Graduates In:

- Electrical Engineering
- Computer Science
- Physics
- Math
- Mechanical Engineering
- Aeronautical Engineering

Interview Sign-up / One Day Only

**Wednesday, October 28
9 a.m. – 3 p.m.**

Lobby 13

- Please bring 6 copies of your resume.

- Make an intelligent interviewing choice.
- Explore and evaluate your career options with Hughes.
- Come talk with representatives from each of our organizations and get to know us.
- Present your resume to the organizations that interest you the most.

Interviews for qualified candidates will be conducted **Thursday, October 29.**

For more information, please see your Campus Placement Office.

Proof of U.S. citizenship required for most positions. Equal Opportunity Employer.

**Creativity
America depends on.**

Dow Jones experiences largest single-day drop

(Continued from page 1)

ployment is at its highest level ever, manufacturing output is up, and the nation's trade deficit is improving.

Economist Lester C. Thurow, dean of MIT's Sloan School of Management, stressed that the stock market is a poor forecaster of the economy.

Robert C. Merton PhD '70, professor of finance at the Sloan School, did not think yesterday's drop will lead to a repeat of the 1929 stock market crash and Great Depression. Nevertheless, if the fall is not reversed, it could contribute to a recession. "It could have some influence on consumer consumption and on corporate investment. It makes it more likely that we'll have a recession, but it won't be the sole cause of it."

Yesterday's volume on the NYSE was 604,400,000 shares, compared with 338,480,000 on Friday, when the Dow Industrials posted their first 100-point loss.

Thurow said the precipitous drop in the market was inevitable. Two weeks ago, stocks were

clearly mispriced in relation to bonds. "Either interest rates had to come down, or stocks had to come down. And it was clear that interest rates would not come down."

Stock analysts had differing reactions, but few saw a repeat of 1929:

- Daniel Weissman, vice president of trading operations for Manfra, Tordello, and Brooks, said, "We seem to be raising the stakes here with the Iranian situation. And nobody's comfortable with that."

- John Wilson, chief economist with the Bank of America, believed that selling could start leveling off soon. "There's no thinking at all that we are in a panic situation — rather a downward adjustment." The market could see some upward adjustment today, Wilson said.

- In the first 6 months of the year, the market rose 800 points, noted Ray Perryman, director of economic forecasting at Baylor University. With a rise that big and fast, even a one-day drop like yesterday's can be called a "technical correction."

Talks between MIT and CP union at standstill

(Continued from page 1)

fell through due to conflicts in negotiations — the officers wanted to be compensated for the added responsibility. Conway refused to the deputization unless it was incorporated into a union contract.

In addition, MIT had proposed a retroactive 4 percent pay hike in 1986. But this retroactive increase is still negotiable and is being withheld until a contract is signed, Conway said.

A major obstacle that has stalled negotiations is the conflict over work schedules. The police wanted a 4-2 work schedule in which an officer would work four days of 8½-hour shifts and receive two days off. The current 5-2 schedule requires that an officer work 8-hour shifts for five days with two days off, a schedule Conway has maintained adds extra on-the-job stress. But this schedule will be kept until a contract is agreed upon.

Negotiations "biased"

"MIT has not treated us fairly," stated Conway, reflecting the union's increasing discontent with the labor relations' contract proposals. He noted that the four percent pay raise, which the union did not negotiate for, is the lowest among raises for unions at MIT.

But Fandel said that all unions received a 4 percent raise in 1986.

"I think they've been biased toward us," Conway said. He explained that the union has attempted to negotiate better benefits, medical care, and life insurance which are included among other concerns in a list of 22 items which they believe are essential for a contract settlement. But MIT has chosen only to deal with two items — pay and work schedule, Conway charged.

"To be treated like this is a

slap in the face," Conway said. "Everytime we're going forward, we're set back on step."

There has been an increasing morale problem among the patrol officers as negotiations continue to drag on indefinitely, Conway asserted. Because of the current situation facing the Campus Police, the department might lose some of the younger officers, he added.

Still, he praised the officers who've "worked all through this." Conway said the officers "haven't slowed down one bit despite not having a contract." He remains confident that a settlement will ultimately be reached that will be favorable for the union. "We will win it."

TERADYNE

From TERADYNE

A Very Large Scale Invitation from a Technology Leader

In electronics, the era of very large scale integration (VLSI) has arrived, leaving many companies with products suddenly obsolete and engineering staffs struggling to catch up.

But not Teradyne. Thanks to \$196 million spent on R & D in 1982-1986, Teradyne was ready and waiting for VLSI.

Ready with VLSI memory testers, logic testers, analog testers, board testers.

Ready in Boston, Massachusetts, and Agoura Hills, California, where Teradyne develops ATE for the electronics industry.

Ready in Deerfield, Illinois, center for Teradyne's telephone system testing operations.

Ready in Nashua, New Hampshire, where Teradyne produces backplane connection systems and state-of-the-art circuit board technology designated to meet VLSI requirements.

This kind of technology leadership spells growth. Excitement. Challenge. Career opportunities you just can't find anywhere else.

Teradyne. A company ahead of its time, looking for some good people to keep it ahead.

For more information, see your Placement Counselor.

SHARE IN OUR SUCCESS

TERADYNE

GREAT FOOD. GREAT PRICES.



AND NOW FOR THE CATCH.

Today's catch is Boston Schrod. Tomorrow it could be Atlantic scallops or jumbo shrimp. The duckling in raspberry sauce is also quite a catch. Or how does a hearty deli sandwich with something from the bar sound? Well, no matter what you choose, it'll be served the original S&S way. Fresh. Delicious. And plenty of it. So come to the S&S and catch up on the good times.

Restaurant

A Great Find Since 1919.

Breakfast, Lunch, Dinner. Mon.-Sat. 7:00am-12:00pm, Sun. 8:00am-12:00pm. Inman Square, 1334 Cambridge St., Cambridge, 354-0777.

**Boston
Zoological
Society**
442-2002

Zoomobile

Franklin Park Zoo

Walter D. Stone Memorial Zoo

This space donated by The Tech

Simplex protesters hold tent city demonstration

(Continued from page 1)

among others, Boston City Councillor David Scodras and Frederick J. Foreman G of People Against Racism at MIT. Saturday evening included a dinner and musical performance.

The organizers had planned for protesters to spend Saturday night in tents on the two streets. About 40 tents were put up — so many that protesters were forced to use a vacant MIT lot nearby, Cavellini said.

Of the 100 people who stayed overnight, 30-40 were homeless people who had been attracted by the protest's offer of shelter and a free breakfast Saturday morning.

"We did not plan to house homeless people on the site," Cavellini said. But the turnout of homeless forced the SSC to change its plans, and accommodate the homeless. "In a sense, it was an education for us" about the desperate plight of the homeless, Cavellini said.

The protest was supposed to end on Sunday with a community breakfast and a speech by Melvin H. King, adjunct professor of urban studies at MIT and a well-known activist and politician. The city permit allowing the protesters to close Blanche and Green Streets ran out at 3 pm that day, Cavellini said.

But some of the homeless people did not leave. As of Sunday night, about a dozen homeless people were still on the MIT lot, using tents donated by individual protesters. They claimed that they plan to stay there.

"I personally sympathize with their effort to find [decent housing]," Cavellini said. But he disavowed their effort. SSC had nothing to do with the homeless people's decision to stay, he said.

Milne was aware that a few tents were still up, but would not speculate on what action MIT might take if the homeless people did not leave.

Protesters attack University Park

The "tent city" protest was primarily directed against MIT's controversial development package for University Park, one part of the Simplex site.

MIT's developer, Forest City Enterprises, plans to construct 21 buildings over the next ten years, including a 350-room hotel/conference center, business offices, research and development space, restaurants, shops and 250 apartment units. Six acres of parks and open spaces are also planned for the 27 acres, which stretch between MIT and Central Square, west of Massachusetts Avenue.

The first building on the Simplex site was completed last month. It is located on 26 Lansdowne Street, behind the NECCO factory, near the site of the protest. It will be leased to research and development firms.

The Cambridge City Council approved a Blue Ribbon Committee report on the proposed construction in Cambridgeport last February. Following the council vote, the Cambridge Community Development Department, the planning arm of the city, began studying zoning change recommendations and traffic studies necessary to implement the plan.

Those recommendations should be made public this week. The council will then begin deliberations on whether to approve the recommendations.

The process could take as long as three months, Cavellini said.

The SSC and other community resident groups are pushing for the inclusion of more housing and light industry in the development package. The current plan

calls for 250 apartment units; the SSC wants that number increased to 450, Cavellini said. It also wants about a third of the units reserved for low-income housing.

Even though the council has already approved Forest City's plans, Cavellini believed the city could be persuaded to change its mind and rezone the area in such a way as to force MIT to include more housing units. Events like this weekend's protest dramatize community worries, he said.

Milne could not say what the council would decide.

Cavellini also believed that MIT could be made to change its mind. "There are differences of opinion within MIT" over how the Simplex area should be developed. The developer's initial plan called for only 110 housing units, but community pressure forced that number up to 250, Cavellini noted.

Cavellini blamed MIT for the confrontational relationship with resident groups like SSC. MIT and Forest City excluded the community from the decision process, he claimed.

Milne argued that 250 housing units represent a considerable improvement in the housing situation. Many community groups support the present development plan, he said.

"I'll never forget the first time I put a Dumb Monkey to my lips."

What an animal. A mug-full of gourmet ice cream and a banana. Drenched in thick, rich hot fudge and topped with straw-

PIZZERIA
UNO
RESTAURANT & BAR

berries, whipped cream, a cherry and a prize. The Dumb Monkey. Just one of the extraordinary experiences at Uno's.

CHICAGO'S ORIGINAL DEEP DISH PIZZA

Faneuil Hall
Copley Sq.

Kenmore Sq.
Harvard Sq.

Allston
Park Sq.

Students Interested in a Career in Accounting and Finance

CHOOSE WISELY.

The Dun & Bradstreet Corporation urges you to take a good look at the many career options available to you after graduation. Making the right choice, choosing the right company from the start, can determine how far and how rapidly you will ultimately progress in your career.

Meet with Dun & Bradstreet for an on-campus interview, and learn how we can be that right company for you. The one that complements you professionally. And personally.

We'll talk to you about our leadership position in one of today's most quickly growing industries — business information services. And, since we are the leader in the industry, we have the capabilities to offer you a wide variety of career opportunities you might not find in banking, brokerage and accounting firms.

But most of all, we'll want to learn about you, and find out if you have what it takes to join our challenging Business Training Program.

A flexible 18-month program designed to give a select group of high-potential college graduates, interested in careers in accounting and finance, a hands-on introduction to Dun & Bradstreet and the industry in which we compete.

As a BTP trainee you'll participate in a series of rotational assignments in various areas of the company. While in the program you'll gain early responsibility, high visibility and a clear picture of the many possibilities available to you in a financial career with Dun & Bradstreet.

So, when deciding on a company where you can begin your career, choose wisely. Look to Dun & Bradstreet.

We'll be interviewing on campus on Friday, November 6th.

For more information, visit your placement office.

Maximize Your Choices.

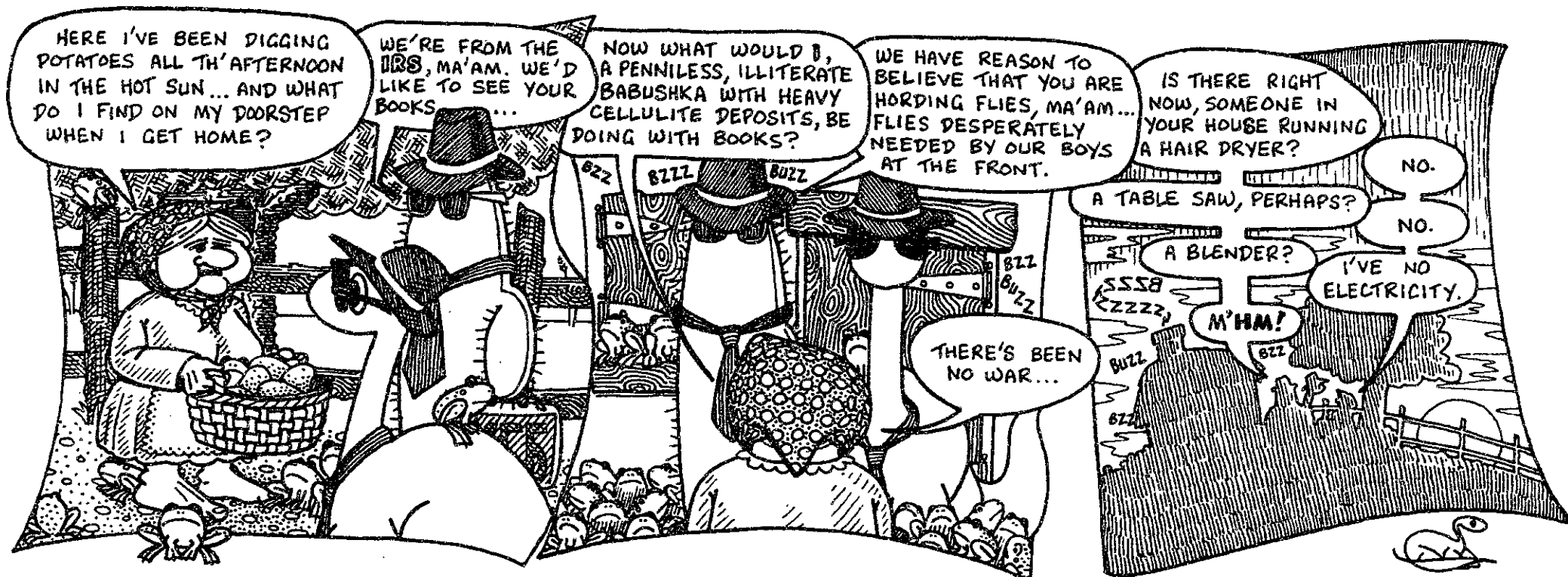
DB The Dun & Bradstreet Corporation

An Equal Opportunity Employer.

comics

Ohne

By Shannon T. Zachow



FOR THE BEST DEFENSE AGAINST CANCER, SEE YOUR DOCTOR ONCE A YEAR AND HIM ONCE A WEEK.



He may not look like everybody's idea of a cancer specialist. But there's strong evidence that your greengrocer has access to cancer protection you won't find in any doctor's office.

Fruits and vegetables (and whole grain cereals such as oatmeal, bran and wheat) may help lower the risk of colorectal cancer.

In short, make sure you do what your mother always told you to do. Eat your vegetables.



This space donated by The Tech

AN OPEN LETTER TO ALL STUDENTS ENROLLED IN COURSE # 6.001, 6.003, 6.170, 6.801

There are four books published/marketed jointly by McGraw-Hill and the M.I.T. Press. Under their agreement books used for classroom can only be bought from McGraw-Hill while small quantities purchased as references can be purchased from the M.I.T. Press. M.I.T. Student Directors noticed that retail prices set by McGraw-Hill were higher than the retails set by the M.I.T. Press. The four books and the differences in retail price are as follows:

AUTHOR	BOOKS	M.I.T. PRESS	MCGRAW-HILL	DIFFERENCE
(1) Abelson	Structure and Interpretation of Computer Programs	\$37.50	\$39.95	\$ 2.45
(2) Horn	Robot Vision	\$39.50	\$42.95	\$ 3.45
(3) Liskov	Abstraction and Specification in Program Development	\$39.50	\$42.95	\$ 3.45
(4) Siebert	Circuits, Signals and Systems	\$35.00	\$45.95	\$10.95

Because of the agreement by the two publishers, the M.I.T. Press could not supply the books to the M.I.T. Coop at the lower retail prices. The Coop continues to work with both publishers to resolve the problem.

The price differentials were discussed with Coop management, and it was agreed that the Coop would credit or refund the price differential to any M.I.T. student who purchased any of the four books. Credit or refund would be made upon presentation of a sales receipt or other proof of purchase. Students interested in obtaining credit or refund should do so at the Book Services Desk at the M.I.T. Coop at Kendall by October 31, 1987.

Your Coop Directors,

Christine Chu	'88	Mark Phillips	Sloan '88
Darian Hendricks	'89	Rebecca Tong	Sloan '88
Julie Kim	'90		

MIT COOP AT KENDALL
3 Cambridge Center
M-Fri 9:15-7pm.
Thurs. 'til 8:30
Sat 9:15-5:45pm

Counseling helps combat stress

(Continued from page 1)

since the late 1960s, according to Kahne, who has worked with MIT students for about 20 years. In the late 1960s, students were more concerned with social issues — the Vietnam War, the civil rights movement, feminism and gay liberation struggles. Students came to therapy worried about how to “juggle things” and incorporate “these important social issues” into their academic life. “There was more of an interest in where the country was going,” in the sixties and early seventies, according to Kahne. Today, students are “more preoccupied with self-direction,” he added.

Support networks needed

Heavy course loads, career decisions, relationship and roommate hassles are typical stresses of student life, according to Ronald C. Fleming, chief social worker in the Medical Department. But when students do not have a dependable support system to turn to — a role their family used to play — they may have a hard time coping with everyday college pressures, he noted.

It takes time to build a good support system and students should not be afraid to ask for help, he said. “MIT’s support network works,” he said. Students should feel free to turn to the dean’s offices, social workers and psychiatrists, resident assistants and academic advisors for help. But students need to initiate contact — “that’s the one thing we can’t do for them,” Fleming added.

Breaking up with a boyfriend or girlfriend often brings students into counseling, he said. It is a painful experience. Some students may find themselves starting a new relationship at MIT while still involved with someone back home. This situation, though common, can cause much guilt and confusion. Counselors can help students work through these issues and feel better about themselves, Fleming said.

A serious illness or death in the family is a common source of depression and anxiety. A student who is constantly worried about a sick parent or making frequent visits home will have a hard time concentrating on course work or enjoying a social life. Sometimes students need to vent their feelings to a supportive listener, he said.

Emotional problems for minority students at MIT are no different than the general student population, but minorities must cope with “subtle and not-so-subtle aspects of discrimination” at MIT and in the Boston area, he said. This creates a “specific” additional pressure for minorities. Myra Rodrigues, a social worker who has been working with minority students at MIT for 17 years, is available to provide counseling and support, he said.

Rodrigues co-facilitates a “minority discussion group” each semester. This year, the group will discuss the minority community in Boston, the history of local black and Hispanic culture, male-female communication, stress, nutrition, time management and sexual well-being, Rodrigues said.

Drug and alcohol problems

Students with a serious drug or alcohol problem are unlikely to recognize their problem and seek help, Fleming said. Drug and alcohol problems usually surface when a student begins to do poorly in classes or “act out” in a living group. The problem may come to the attention of an academic or resident advisor who may advise the student to seek help. In other cases, a troubled student may go unnoticed, and isolate himself alone in his room, drinking. The only “sign” of a

problem may be that his roommates never see him around, Fleming said.

Drug and alcohol counseling is available on campus — a weekly alcohol support group, run by Fleming, is free and open to MIT students. Alcoholics Anonymous and Narcotics Anonymous, national self-help groups, meet weekly in the medical building and are run by community members, not MIT staff. Al-anon, a group geared to adult children of alcoholics, and family members and friends of alcoholics, also meets weekly in the medical building. These meetings are also open to students.

Some students are “situational” drug or alcohol users who get high to deal with stressful situations, he said. Others have “full blown” drug or alcohol problems. Students with serious problems can be evaluated and referred to outside residential treatment programs. All mental health records are confidential and remain separate from medical and academic files, he said.

Coping with stress

Avoiding isolation is “critical” in coping with stress, according

to Janet H. Van Ness, director of MIT’s Health Education Program. “It is common for students to feel they have to handle their problems on their own...but self-imposed isolation” can be harmful, Van Ness stressed. To cope with stress, students should identify their “personal resources” — classmates, friends, faculty, and teaching assistants — and turn to these people when in need, Van Ness said.

Coping with chronic stress often requires changing life style patterns. “Regular aerobic exercise,” such as jogging, swimming, and long brisk walks, “can extinguish a lot of stress,” according to Van Ness, but it must be kept up regularly.

Usually, when a paper is due or a test is coming up, exercise is “first to go,” Van Ness said. When fatigued, exercise can actually increase energy levels. Getting regular sleep is also another important step in stress reduction. Students tend to “work hard all week and play hard during the weekend,” but this isn’t healthy, Van Ness pointed out. “It’s better to integrate play and recreation” into a weekly routine, she said.

GIVE BLOOD

The MIT/TCA Blood Drive will be
Monday Nov. 2nd — Saturday Nov. 7th
New Location: KRESGE AUDITORIUM

Hours:
11/2 10am — 3pm
11/3 10am — 3pm
11/4 2pm — 7pm
11/5 2pm — 3pm
11/6 10am — 3pm
11/7 10am — 3pm



What do we have that the rest of Wall Street doesn't?

Prudential-Bache Capital Funding
presents an overview of opportunities in
Investment Banking

Wednesday, October 28th, 7pm
Building 8—Room 19

Prudential-Bache Capital Funding 



Head of the Charles

Photos by: Mark S. Abinante



M
a
L
i
s
e
t
t
e
W.
L
a
m
b
r
e
g
t
s



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 Mr. Skagestad 864-3900

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

Special Student and Youth Fares to EUROPE from New York on Scheduled Airlines!

DESTINATIONS	OW	RT
LONDON	\$195	\$389
PARIS	230	430
FRANKFURT	255	490
ROME/MILAN	275	530
VIENNA/BELGRADE	280	540
ZURICH/GENEVA	265	500

Add \$25 in each direction for Boston or Washington, D.C. departures. Add \$50 in each direction for Pittsburgh, Cleveland, or Raleigh-Durham departures. Other add-on fares are available. Weekend surcharges may apply.

Special Student and Youth Fares to SCANDINAVIA On Scheduled Airlines!

Fall/Winter Rates		OW	RT
From New York	Copenhagen	\$230	\$525
	Oslo	230	525
	Stockholm	230	525
	Helsinki	270	605
From Chicago	Copenhagen/Oslo	\$235	\$425
	Stockholm/Gothenburg	245	450
	Helsinki	305	565

Some fare restrictions may apply. Applications available for Eurail Youth Pass and International Student I.D. Card.

Book now for your holiday/intercession travel.

For Reservations and Information Call:

WHOLE WORLD TRAVEL
 Serving the Student/Youth Market for more than 17 years!
 17 E. 45th St., New York, NY 10017
 (212) 986-9470

ISRAEL WEEK
 IN CELEBRATION OF ISRAEL'S 40th YEAR

OCTOBER 23 - 29, 1987
 M. I. T.

AN ISRAEL UPDATE

Friday, October 23
 8:30 p.m., Ashdown House Dining Room
 With Israel Consul General Arthur Avnon

SCIENCE & TECHNOLOGY IN ISRAEL

Monday, October 26
 3:00 p.m., Room 8-119
 With Dr. Ami Ben-Amotz of Israel's I.O.L.R. Institute

CAREERS & STUDY IN ISRAEL

Monday, October 26
 4:00 p.m., Room 8-119
 Reception with Israeli foods

ISRAEL FAIR

Tuesday, October 27
 11:00 p.m. - 2:00 p.m., Lobby 7

ISRAELI FOLK DANCING

Wednesday, October 28
 7:30 p.m., Lobby 13
 Sponsored by MIT Folk Dance Club

ISRAELI DINNER

Thursday, October 29
 5:30 p.m., MIT Kosher Kitchen (Rm 50-007)
 \$7.00 validine or cash

Sponsored by M.I.T. Hillel, 312 Memorial Drive
 For information call 253-2982

PROGRAMS ARE SCHEDULED AT MANY BOSTON-AREA CAMPUSES. FOR MORE INFORMATION, CALL THE HILLEL COUNCIL OF GREATER BOSTON, 266-3882

Learn with the Leaders

in the Education, Psychology and Health Professions at

**Teachers College
 Columbia University**

525 West 120th Street, New York City

Special Scholarships and Fellowships are available.

A representative from Teachers College will be on campus at Building 12, Room 170 on October 22, 1987 from 2:00-5:00 p.m.

JET PROPULSION LABORATORY

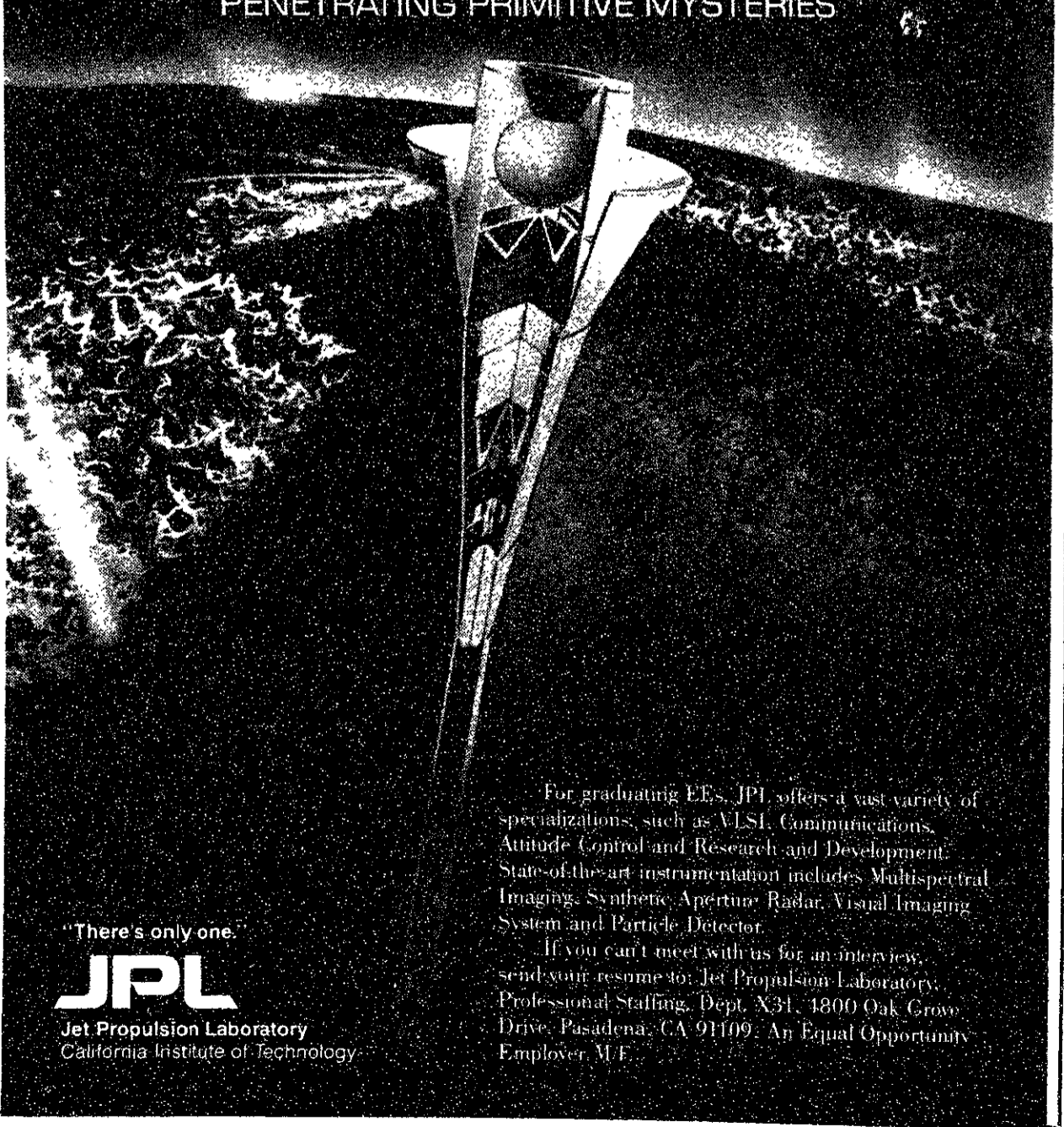
On Campus Visit, October 22 & 23.

Jet Propulsion Laboratory is intent on unraveling the mysteries of the solar system.

The Comet Rendezvous Asteroid Flyby (CRAF) is planned for launch in 1993. It will initiate JPL and NASA's new generation of advanced planetary spacecraft... The Mariner Mark II.

This rendezvous with Comet Tempel 2 will yield critical data for more than three years. Unlike previous comet missions, CRAF will not just fly past Tempel 2, but will actually travel alongside the comet and send a penetrator/lander to its surface. Untried propulsion maneuvers are now being designed at JPL to send CRAF on this challenging mission, which will reveal detailed information on the nucleus, coma and tail.

PENETRATING PRIMITIVE MYSTERIES



There's only one.

JPL

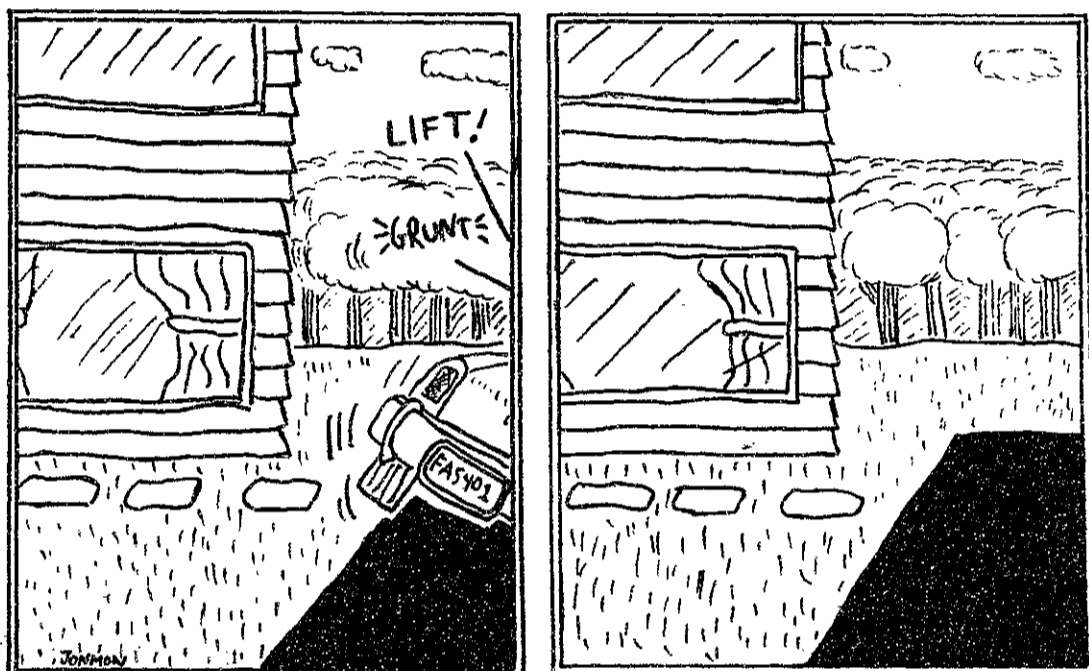
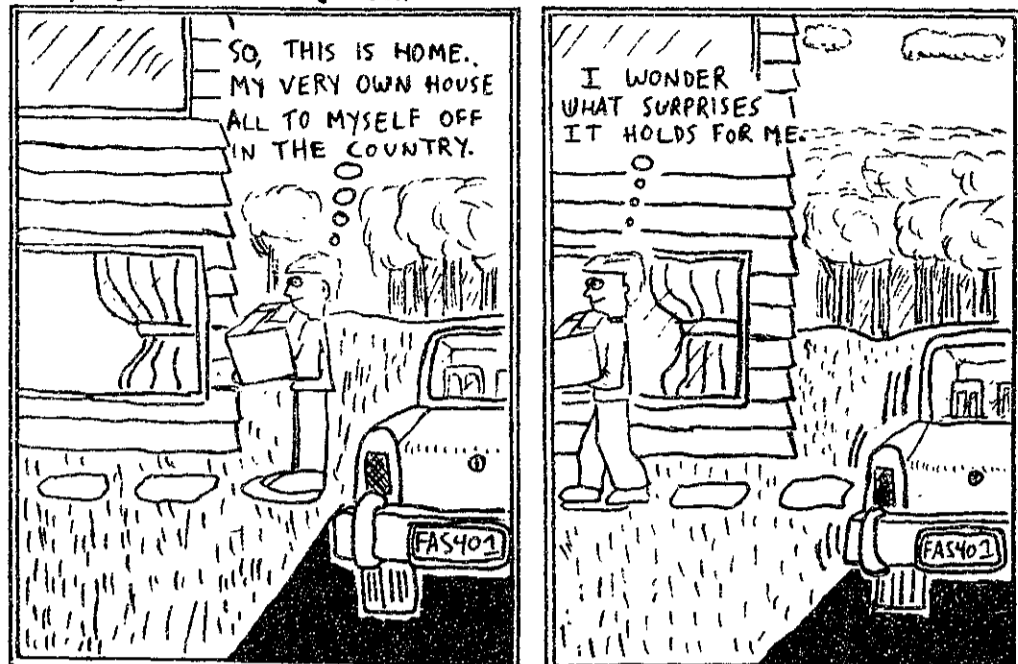
Jet Propulsion Laboratory
 California Institute of Technology

For graduating EEs, JPL offers a vast variety of specializations, such as VLSI, Communications, Attitude Control and Research and Development. State-of-the-art instrumentation includes Multispectral Imaging, Synthetic Aperture Radar, Visual Imaging System and Particle Detector.

If you can't meet with us for an interview, send your resume to: Jet Propulsion Laboratory, Professional Staffing, Dept. X31, 4800 Oak Grove Drive, Pasadena, CA 91109. An Equal Opportunity Employer M/F.

comics

Critters by Jon Monsarrat



AN HORS D'OEUVRE RECEPTION FOR GRAD STUDENTS



sponsored by M.I.T. Hillel

October 22, 5pm — 7pm
MIT Ashdown House West Dining Room,
305 Memorial Drive
\$2.00 cover charge
An informal affair for grad students from
MIT & Harvard

Hamlet

presented by the
Shakespeare Ensemble at MIT
directed by *Kristin Linklater*

October 22-27, 1987
Kresge Little Theatre 8pm

tickets: \$6 and \$4
information: 253-2903



TUCK
AT DARTMOUTH

The Amos Tuck School of Business Administration was founded in 1900 as America's first graduate business school. Tuck offers a full-time, two year program in general management leading to the MBA degree.

Lynn Woodward, Assistant Director of Admissions, will be on campus Friday, November 6 to discuss the Tuck MBA program with interested students.

Please contact the Office of Career Services to schedule an appointment.

BNR

WHERE FINE MINDS MANAGE INNOVATION.

As the R&D subsidiary of Northern Telecom, Bell-Northern Research is involved in shaping tomorrow's telecommunications innovations. Our past successes have helped make Northern Telecom the world's largest manufacturer of digital telecommunications systems. And the future? Perhaps you can tell us.

Come and speak with us about the possibilities of your own future at BNR:

October 28th & 29th

If you can't attend, send a resume or letter outlining your goals and qualifications to the lab of your choice:

**Professional Staffing
Bell-Northern Research
HRM-1225
Research Triangle Park
North Carolina 27709**

or

**Professional Staffing
Bell-Northern Research
HRM-1225
P.O. Box 3511
Station C
Ottawa, Ontario K1Y 4H7**

We are an equal opportunity employer.



Georgina A. Maldonado
 Watch that tray! Ted Hontz '91 balances a cafeteria tray on his nose during the IFC talent show. The show is a performance by IFC freshman pledges.

Do it in the
 Be a 'Tech' photographer!



AIDS-AWARE

CONCERN ABOUT AIDS: Part III

Understanding the AIDS Virus and Types of Infections

Are you at risk for contracting AIDS — an illness caused by the Human Immunodeficiency Virus (HIV)? As of August 31, 1987, 1,034 individuals in Massachusetts were reported to have full-blown AIDS, and thousands more Massachusetts residents carry the virus and are potentially infectious to others. Could you be one of them?

There are four major groups at risk for AIDS. Homosexual and bisexual men account for 69% of adult AIDS cases in Massachusetts. While lesbian women are not apparently at increased risk, there have been a few case reports to the contrary; furthermore, bisexual women could be at increased risk of acquiring the virus. Exchange of semen, especially in rectal intercourse, appears to be the likely mode of transmission in gay men.

Intravenous drug abuse, where there could be exchange of blood between individuals due to use of shared "works" (or equipment), is thought to be the mode of transmission of the AIDS virus in approximately 12% of Massachusetts adults. This may also account for the high prevalence of the virus in prostitutes (although frequent sexual partners can confound this).

Transfusion of blood and blood components is much less a concern now since all blood for transfusion has been tested for the AIDS antibody since 1985. There is a theoretical risk that a unit of blood with AIDS antibody can pass through the testing process without detection. The risk for this is about one out of every million units tested. Hemophiliacs, who by nature of their illness have received blood products, account for 3% of Massachusetts AIDS patients. If you received multiple blood transfusions between 1981 and 1985 in localities where there was a significant prevalence of the AIDS antibody (such as New York City and San Francisco), there could be some cause for concern.

The final major risk group is children born to a mother with AIDS or who is at increased risk for AIDS. This obviously does not affect any MIT students now since the first cases of AIDS infections were detected retrospectively back to 1977.

If you and your sexual partner are not members of any of these four major risk groups, can you relax and have risky sex? Naturally, the answer is not simple. AIDS is primarily a heterosexual illness in some third world countries, and many authorities in the U.S. are concerned about the spread of the virus from high risk groups to the heterosexual population. Let's take an example: you and your sex partner are monogamous. While you never have had any previous partners, your partner's last lover had a short lived relationship with a bisexual. Therefore, while you and your partner are not members of any risk group, the history of the previous lovers suggests a risky relationship could have occurred. (In fact this mode of transmission has been seen in actual cases). Another area of risk for college students is

sexual relationships with prostitutes. As previously mentioned, prostitutes in certain cities have a significant prevalence of the AIDS antibody. This mode of transmission is of concern for middle class men who are otherwise in no risk group. There are 75 documented heterosexual cases of AIDS in Massachusetts which includes 27 persons who had heterosexual contact with high risk individuals and 48 persons born in countries where heterosexual relationships are felt to be a significant route of transmission. Many more individuals have the milder form of disease called ARC, and much more are carriers of the AIDS virus without any sign of illness.

Therefore, if you and your sex partner are not in any of the above high risk groups, are monogamous and know your previous partner(s) history well, then you are probably not in any risky situation. You must ask yourself, however, if you truly know everything about your previous partner(s) relationships and history.

What is risky sex? It is the exchange of body fluids specifically blood, semen and vaginal fluid between individuals. This includes oral sex on a man or woman where exchange of semen, blood, or vaginal fluid could occur as well as unprotected genital or rectal intercourse. Blood exchange which could occur during insertion of fingers into the vagina or rectum or unprotected intercourse during menstruation could also be risky. While there is a theoretical possibility of virus transmission during French kissing, it is probably not risky.

Let's quash a few fallacies

- Mosquitoes have no role in the transmission of AIDS
- You cannot pick up AIDS from toilets
- You cannot acquire AIDS by casual contact with members of your living group or classes
- Sharing food or glasses will not transmit AIDS (but could transmit other illness)
- The HIV cannot live in swimming pools

And promote a few facts:

- Due to education and change of sexual behavior, the percentage increase of new AIDS cases in certain gay communities appears to be decreasing
- Do not share toothbrushes or razors (as potential carriers of blood)
- Use latex condoms rather than condoms made of membranes since the virus has been shown not to permeate latex but may permeate natural membranes

These are the current major routes of transmission as well as some of the riskier sexual practices. It is clear that education about AIDS as well as change in sexual behavior for high risk groups seems to be effective in limiting transmission of the virus. With this in mind, you and your partner can thoughtfully decide what sexual practices are appropriate for your special relationship.

Mark A. Goldstein, M.D.
 Chief, Student Health Services
 MIT Medical Department

This is the third in a series of AIDS-related articles presented as a service to the MIT community by the MIT Medical Department and its AIDS AWARE project.

For more information about AIDS or other AIDS-AWARE activities, please call the MIT Medical Department's Health Education Service at 253-1616.



We are a worldwide network of student travel specialists and a one-stop travel shop. Special fares include EUROPE, the SOUTH PACIFIC and much more.

- Scheduled airlines ■ Rail passes
- International student I.D.'s

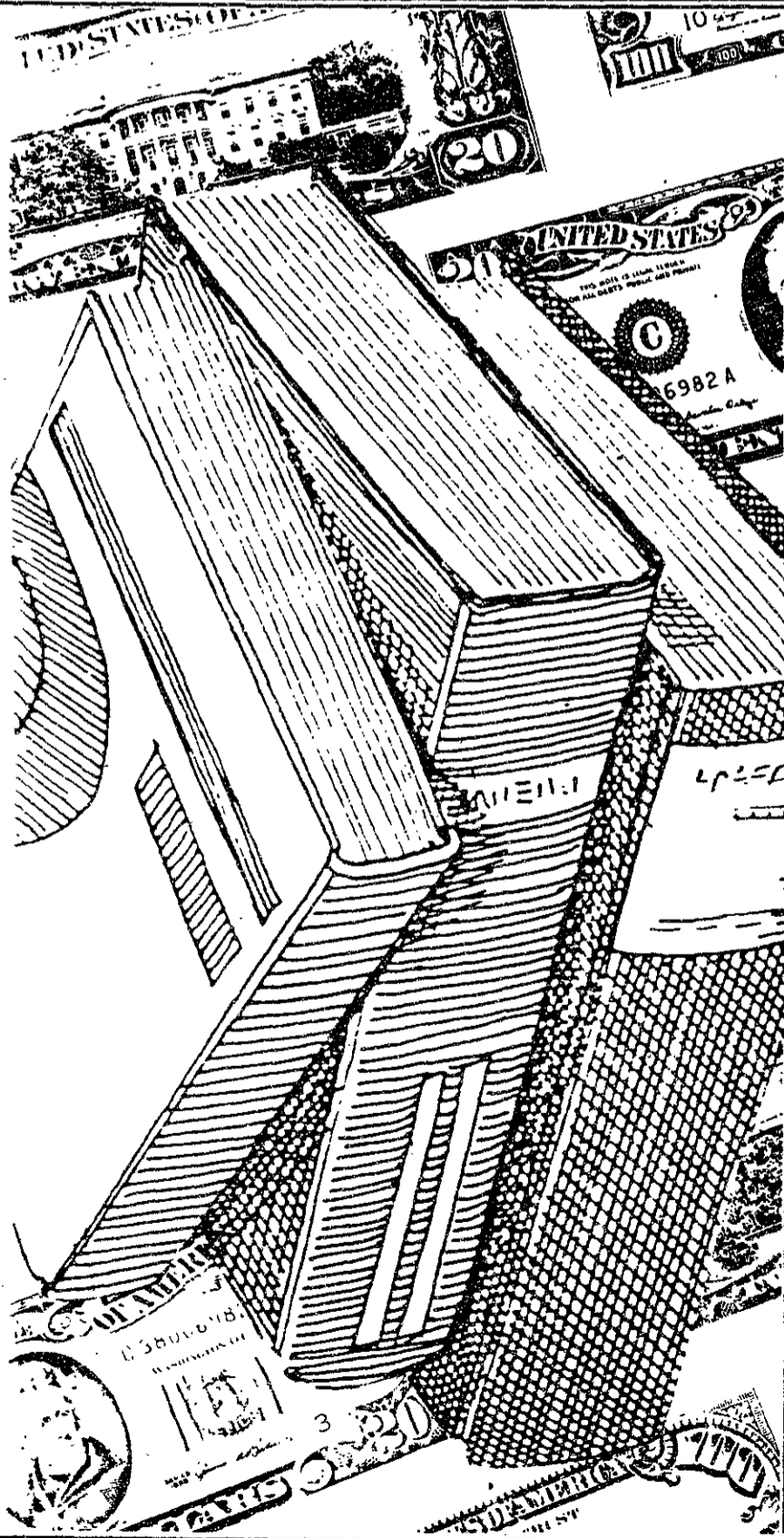
STN STUDENT TRAVEL NETWORK (617) 266-6014
 273 Newbury Street

ELECTRICAL ENGINEERS WANTED

Part-time and full-time positions available at small R&D company in Porter Sq., Cambridge. Close to MBTA. Positions involve hardware design (both TTL and microprocessor based) from prototyping, testing, PCB design, through manufacturing. Some assembly language programming with various processors helpful. Salaries commensurate with experience. Good opportunity for hands-on "real world" experience. U.S. citizenship required.

Write or call

TEK Microsystems, Inc.
 2067 Massachusetts Ave.
 Cambridge, MA 02140.
 (617) 497-1200



Package Handlers Part-time

MONEY FOR COLLEGE YOU DON'T HAVE TO PAY BACK!

Let UPS help you earn the extra cash you need to make it through school!

UPS has lots of steady part-time openings for male and female package handlers and sorters at \$8.9 an hour. Choose your own convenient 3-5 hour shift to fit around your classes.

UPS also gives you all the benefits of a full-time position on a part-time basis, providing great benefits including paid vacations, profit sharing, paid medical, dental & vision coverage. UPS also offers fantastic career advancement opportunities into management or other positions.

This year, don't borrow your way through school—EARN it with UPS!

Apply in person Monday-Wednesday 1pm-5pm at the Personnel Office, 10 American Drive, Norwood, Route 1, South (Norwood Exit) off Route 128. Left on Everett Street.

ups

UNITED PARCEL SERVICE
 Always an Equal Opportunity Employer

ARTS

Chamber Music Society unsettled, but gives pleasure

BOSTON CHAMBER MUSIC SOC.
Lynn Chang, Toby Hoffman, Ronald Thomas, Thomas Hill, Christopher O'Riley performed a program of works by Haydn, Robert Schumann, Bohuslav Martinu and Dvorak.
Jordan Hall, October 9.

By EARL C. YEN

FRIDAY EVENING'S PERFORMANCE by the Boston Chamber Music Society suffered from an intermittent lack of cohesion and shaky ensemble, but the program — spanning works from two centuries — overall provided a pleasurable experience.

Violinist Lynn Chang, violist Toby Hoffman, and cellist Ronald Thomas opened with Haydn's *String Trio in G Major*, Op. 53, a virtuosic, light-hearted conversation. Chang's impeccable technique was striking, but even more striking was the contrast between his reserved elegance and Thomas' unbridled enthusiasm. The pair would have provided a wonderful dissimilarity were it not for the skittish and uneasy playing of Hoffman. Hoffman is new to the Chamber Music Society, and his unease was apparent. This Haydn trio, noted for its joviality and playfulness, was somewhat restrained by Hoffman's uncertain and jittery demeanor.

Robert Schumann's *Marchenerzahlungen*, Op. 132, written near the very end of his life, was perhaps the nadir of this night's performance. Although Hoffman, clarinetist Thomas Hill, and pianist Christopher O'Riley demonstrated convincing individual musicianship, their collective performance gave one the impression of a new, chafing assemblage. O'Riley's playing was very expressive, wholeheartedly exuberant and spirited. His performance was certainly a pleasure to observe. With the piano as an accompanist, the clarinet and viola displayed occasional flashes of poetic brilliance. But taken as a group performance, the ensemble of the Schumann left something to be desired. The three are certainly capable of extraordinary, first-rate ensemble.

Chang and Thomas quickly rebounded with the intriguing *Duo for Violin and Cello* by Bohuslav Martinu. As the only contemporary selection on the menu, Martinu's duet was treated with care and rehearsed precision. The *Preludium-Andante moderato* painted a picture of a lonely traveller, running through a dark and melancholic forest. The singing, yet energetic piece was beautifully performed by veterans Chang and Thomas.

The heartbeat quickened in the vigorous

Rondo: Allegro con brio. The movement was an ideal showcase for Chang's superior virtuosity as well as Thomas' natural artistry. Their dramatic rendition ended in a rousing conclusion.

Antonin Dvorak's *Piano Quartet in E-flat Major*, Op. 87 was, without a doubt, the highlight of the concert. In contrast to Dvorak's previous chamber compositions, this piano quartet is an ambitious, symphony-scale piece.

Starting with a four-note unison, the

performers accentuated the returns to this theme later in the *Allegro con fuoco*. The *Lento*, a tormenting melody was also a well-executed movement. Chang, Hoffman, Thomas, and O'Riley played the *Finale: Allegro ma non troppo* as a swelling, expanding melody with an unbreakable conclusion.

The audience may have doubted the sincerity of the middle pieces. But in the end, the musicians reassuringly returned to their exceptional standards.

Banchetto Musicale: needs to get act together

BANCHETTO MUSICALE
Martin Pearlman, Music Director.
Program of works by Mozart and Beethoven.
Jordan Hall, October 16.

By JONATHAN RICHMOND

BANCHETTO MUSICALE needs to get their act together if the current season is to return to the high standards of years' past. Their opening concert, given to a packed house in Jordan Hall last Saturday night, sounded under-rehearsed and, for the most part, untidy and unaccomplished.

Music Director Martin Pearlman kicked off with Mozart's *Piano Concerto No. 12*, K. 414, played on a fortepiano. Rumor had it that his particular instrument was jinxed and had given a good deal of trouble in previous performances. It certainly had a nasty, jarring tone. The repeated collapse of Pearlman's runs might also be due to the poverty of the instrument: during the first movement, they came apart at the same place, suggesting that something might be amiss with the mechanism.

Blame cannot, however, be laid on the instrument for the heaviness of Pearlman's left hand, the inelegance of his right hand, or his seeming total detachment from the orchestra which he has nurtured for 14 years. Concertmaster Daniel Stepper was leading the ensemble for the piano concerto, and very dull it sounded.

Pearlman took the podium for Mozart's



Martin Pearlman

Flute Concerto in G, K. 313, but his band still came off sludgy and graceless. Flutist Christopher Krueger did his best with his tough-to-play one-key flute to add a little sparkle to the proceedings, but the sheer boredom with which *Banchetto* played didn't give the soloist — or the music — a chance.

Given the record so far, I spent the intermission dreading what Pearlman would do to Beethoven's *7th*. It's not a symphony normally associated with the early instruments *Banchetto* plays. The first movement was, indeed, weak, with the excep-

tion of some very accomplished, fragrant coloration from the winds, that is. The *Allegretto* had its squeaky side, too, but in the background the makings of a thunderstorm were taking root. The third movement was full of tension, and the concluding *Allegro con brio* was electric. Now the strings caught fire, disciplined at last, and emitting white-hot thunderclaps of energy. Here at last was the real *Banchetto* at work, and their triumphant finale left the whole auditorium ecstatic. Why couldn't they have played like that all along?

PICKER

Where High Science Comes To Life.

You're an outstanding professional who meets each new challenge with enthusiasm, dedication and your own unique combination of imagination and technical ability. You thrive on discovery—the same way we do. It's that kind of discovery that has made Picker International a company for the 80's and beyond. Products like the first digital chest radiography system, CT systems and Magnetic Resonance Imaging (MRI) have opened new horizons in diagnostic imaging.

Think about what you've done thus far. Think about the goals you've set for yourself. Think about Picker International. We can help you achieve those goals. Consider these possibilities that have been brought about by rapid growth of our MRI product line.

■ Performance Assurance and Evaluation Manager

Will establish testing requirements and procedures necessary to insure production of quality MR products. Also involves determining quantitative measurement of Clinical MR benchmarks and to insure compliance with pertinent regulatory and safety procedures.

■ Computer and Software Engineering Manager

This experienced Architect will have image processing knowledge and extensive design and coding experience with distributed processor graphics based computer system. They should also have experience with graphics display manipulation, Fourier transform and process control algorithms. Primary responsibility of this position is to provide technical input on software implementation in order to make cost effective hardware and software tradeoffs.

■ Sr. Staff Systems Engineer

Requires a systematic and detailed Engineer with MR knowledge. Responsibilities are to: (1) Manager multifunctional design reviews and maintain written configuration control of the total system as its performance is defined and refined. (2) Quantitatively model system and sub-system specifications and manage technical tradeoffs and interface definitions. (3) Assure the performance of the novel subsystem designs from prototype through production, and (4) Support organizational requests for design specifications performance characteristics and test results.

■ Sr. Staff Digital Circuits Design Engineer

Requires a BSEE (MSEE ideal), 8-10 years design experience, familiarity with the NMR experiment, and demonstrated ability to recruit, build and manage a digital circuits design team. (68020, pSOS, Multibus II).

■ Sr. Staff RF Circuits Design Engineer

This key person with vast design and implementation experience in low noise RF circuitry, will provide technical impact on requirements and implementation of pre-amplifiers, NMR spectrometer circuitry and RF power amplifier selection. The ability to lead the design of desired subsystems and/or interface with potential sub vendors is a must.

■ Sr. Staff Computer Architect Engineer

To provide technical input on the selection and implementation of board level components, array processor hardware, video display hardware, and archiving hardware. This key contributor must be capable of pursuing design in-house or with sub vendors. Requires considerable design and implementation experience in distributed multiprocessor, graphics-oriented, computer systems based on Motorola 68000 family.

■ Education and Training Specialist

An outstanding opportunity for a proven technical writer with an MS Physics or Chemistry, strong communication skills, and knowledge of NMR and MRI to create new educational and training materials used primarily by Physicians and Technologists. Other significant responsibilities include writing and editing articles for the Clinical Science Newsletter and designing new audiovisual material.

■ Regional Clinical Scientists

These individuals will work at our Clinical Science Center and on-site with our new research partners in contributing to the long-term development and application of MRI. We require a PhD Physics and Physical Chemistry, imaging and MRI experience, a proven track record in research.

■ Sr. Staff Scientist

An individual contributor in the area of data acquisition schemes and processing for MR imaging/spectroscopy. The major focus is to develop data acquisition methods to reduce artifact. Requires a complete MR Physics background, 2-5 years experience in NMR data reconstruction and image processing techniques and high-level computer programming proficiency.

■ Sr. Staff Physicist (Magnets)

To assume project and technical leadership in our Math/Physics Group for the areas of gradient coil design, magnetic design, and interface with magnet vendors. Requires an advanced degree with research and design experience in Electromagnetics.

■ Application Specialists

Requires high caliber registered RT's with four (4) years clinical diagnostic imaging experience (2 in MRI or CT). Responsibilities as a member of the Clinical Science staff includes MRI Training Course involvement, site visits, customer support and contact and marketing support (image preparation, show demonstrations). There are several locations across the U.S.A.

■ Software Engineers (MRI, CT, X-ray, Nuclear Medicine)

The need is for Senior, Principal, Staff-level Engineers who will design, develop, implement, debug, integrate and document real-time control and image processing software for diagnostic imaging systems. The successful candidates will have experience or education in real-time software system development and integration. They will have a working knowledge of the "C" programming language as well as a broad range of experience with software development tools, particularly in a VAX/VMS support environment. Experience with Motorola 68000 microprocessor family and real-time system implementations using the 68000 as a target machine is desired, but not necessary. Previous experience with Hewlett-Packard 64000 development hardware is a plus.

We offer excellent salary and benefits, including relocation assistance. If you are qualified and ready to advance your career, please send your resume in complete confidence to:

Ernie Jones
NMR Human Resources Manager
PICKER INTERNATIONAL
595 Miner Road
Highland Hts., OH 44143

We Are An Affirmative Action/Equal Opportunity Employer M/F/H



PICKER

Soap opera melodrama at Trinity

MOURNING BECOMES ELECTRA

Directed by Edward Payson Call.
Starring Jennifer Van Dyck, David PB Stephens, Barbara Orson, Richard Kneeland, and Richard Kavanaugh.
At the Trinity Repertory Company, Providence, Rhode Island.
Continues through October 25.

By JULIAN WEST

FRAMES WITHOUT PICTURES hang above the stage, rows of ghostly ancestors bearing down upon Electra and Orestes.

The Trinity Rep's production is full of such nice touches, but unfortunately the picture is missing. It is unswervingly faithful to O'Neill's text and detailed stage directions, and visually excellent. But the carefully crafted set and blocking fail to frame the necessary sense of tragic destiny, and by and large capture only melodrama.

By the final installment of the trilogy, things do look up: there are some sincerely tragic moments, and the ending achieves the necessary grandeur. But in a three-and-a-half hour production, it is a long slog to get there.

Mourning Becomes Electra is really three plays — it is a rewriting of the *Oresteia* trilogy, a work by Aeschylus which is at the very root of the western tradition of tragedy. The Trojan War has become the US Civil War, and the house of Atreus is a pillared New England estate, but in a sense the characters are still familiar to us.

Clytemnestra, alliteratively renamed Christine, is the crux of the first tragedy. Tired of and alienated from her absent husband Ezra Mannon (Agamemnon, get it?) she conspires with her lover to kill him upon his return from the wars. But, fortunately for daddy, his daughter Lavinia is a modern archetype of the Electra complex, and is out to block mother's schemes.

This could be the stuff of Greek tragedy. It could equally be last week's episode of *Dynasty*, and this production inclines to the latter in its melodramatic tone. In

scene after scene of one character telling another what passed between her and a third, we get schemes without real feelings.

In the second play, Lavinia's brother Orin (Orestes, to classics buffs) comes home from the war, and the scenes between sister and brother provide us with the strongest stuff of the evening so far. Plenty goes on between sister and brother, of course: there are hints of unrealized incest all over this play, and particularly this production. Taking unbridled advantage of stage directions, son is sprawled across mother's lap in one scene; in another, daughter flies into father's arms to kiss him, and he, preserving distance, pats her as one might pet a dog.

Orin says that he has "tried to trace to its secret hiding place the evil destiny behind our lives." So have we, and it is not easy to find.

The production is visually flawless. The stage design brings the audience close to the action, and it is almost — as is common at the Trinity — a theatre-in-the-round. Both details add emphasis to the feeling of watching a Greek tragedy.

The set is likewise a success, both on its own merits, and thematically. The towering columns of the portico resemble a Greek temple, the incompleteness of the housefront reveals it as a facade, and the interiors are successfully suggested by sparse furnishings.

The lighting is outstanding: frequently the primary source of light is meant to be a casement window, or a single nightlight, or twilight under the trees, and all these effects are handled well and with smooth transitions.

But perhaps most remarkable are the characters themselves. They seem to be incarnations of O'Neill's descriptions: Adam (Richard Kavanaugh) does look the part of roguish gambler, and Hazel (Patricia McGuire) is as freshfaced an innocent as O'Neill could have desired. These two actors, the first in a fairly substantial role as Christine's lover, the second in a part de-

(Please turn to page 19)



Barbara Orson and Richard Kavanaugh in *Mourning Becomes Electra*.

Joy, sorrow, and heart from Hey Babu Riba

HEY BABU RIBA

Written and directed by Jovan Acin.
Starring Gala Videnovic and Relja Basic.
At the Nickelodeon cinema.

By RICARDO RODRIGUEZ

HEY BABU RIBA is a film directed by the previously unknown Yugoslavian, Jovan Acin. I say "previously unknown" because Acin will surely gain a great deal of notoriety and respect for *Hey Babu Riba*. Indeed, the film already met with critical acclaim during its run at the Boston Film Festival.

Set in Belgrade, 1953, the film's subject is Esther, a girl with whom four adolescent boys are simultaneously in love. The "foursome" and Esther are the best of friends and, fittingly, she is the coxswain of their rowing team. Many years later, it is the death of Esther that reunites the foursome once again, and they reminisce about their youth. They are joined by Joe, who has been the foursome's common enemy since the first time they met him.

Joe was, in 1953, a young Russian "plant" in Belgrade, for Yugoslavia was beginning its break from Russia. He has a tattoo of Stalin on one wrist and of Lenin on the other. Joe, like the foursome, had a fancy for Esther, which he pursued ruthlessly. In 1985 Joe still wants the foursome's friendship, but they cannot give it to him.

Despite the fact that *Hey Babu Riba* is done in a flashback style, the plot comes together satisfactorily. The film deals with its issues in a respectful, honest manner even when it comes to the foursome's loss of virginity. Esther's pregnancy, a much more touchy subject, is also treated well. The details of Esther's experiences after becoming pregnant, though, are sadly and conspicuously absent.

It is difficult to say a lot about a good film without revealing the intricacies of the plot. What can be said, though, is that *Hey Babu Riba* is a movie with lots of joy, lots of sorrow, and lots of heart. It is a celebration of life and youth that must not be missed.



WE WILL BE ON CAMPUS
THIS FRIDAY, OCT. 23rd

Start Your Actuarial Career With A Well-Calculated Move

You're an ambitious, analytical type of person who can spot an exceptional opportunity when you see it. Well, here it is.

We're a major worldwide consulting firm, the largest in the area of employee benefits and compensation. And, without a doubt, we're the best place to pursue an actuarial career. You'll have the challenge and stimulation of working with the best in your field, in an environment which encourages flexibility, creativity, and professional growth.

When you calculate the advantages — the exceptional benefits and compensation, the high potential for advancement, and the chance to master your skills in a company that is an industry model — you'll be sure you're making the right move.

Visit with our company representatives and discuss career opportunities in actuarial science and employee benefit/compensation consulting. Please submit your resume to the office of Career Services, Building 12-170. We will be interviewing candidates between 9am and 5pm, Friday, October 23rd.

WILLIAM M.
MERCER-Meidinger-Hansen
INCORPORATED

200 Clarendon Street, Boston, MA 02116

An Equal Opportunity Employer

ARTS

An unappetizing good time at the Somerville Theatre

ATTACK OF THE KILLER B'S

13-hour movie marathon at the Somerville Theatre.
Monday, October 12th, midnight to 1 pm.

By DAVID SASLAV

HOO, BOY! If you thought the Independent Activities Period Science Fiction Marathon was something, check out the Somerville Theatre next time they have a movie marathon. Their most recent offering was last Monday's "Attack of the Killer B's," and it was *grueling*. Starting at midnight the morning of Columbus Day, this was 13 hours of the goriest, most sickening cinematography ever to sully a screen — what a nightmare! These movies were so dreadful they had to pass out barf bags to patrons as they entered. The effects of this on my brain weren't temporary either — a turkey sandwich I got a friend to smuggle in somewhere in the middle of *Return of the Living Dead* is still sitting untouched in my fridge.

And yet, in its own unappetizing way, this was an extremely good time. I mean, how can one sit through 100 minutes of *Surf Nazis Must Die* and not feel in some way cleansed? How can one resist feeling true *pathos* for *The Toxic Avenger*? How can one avoid pining for the hills of Japan while watching *Rodan* devour Tokyo? Well, okay, it can be done, I admit.

I must also admit to having fallen asleep during Bela Lugosi's less than memorable performance in *Bride of the Monster*. This

Mourning lacking tragic destiny

(Continued from page 18)

liberately made peripheral by the playwright, really earn their keep, and one wishes we could have seen more of them.

Christine and Lavinia really do have the same unusual shade of hair, and it quietly calls attention to itself. When Lavinia enters in the final play, dressed in her mother's colors (in this case red, not green) we notice for ourselves how she has grown to resemble Christine — it is not necessary to

"plasterpiece" of horror fiction includes an octopus (or something) that devours its victims by inducing them to wrap its tentacles around them, thereby choking them to death. That and some extremely lifeless acting put me right out for a nice, movie-length nap. But after opening the night with Stuart Gordon's phantasmagorically bad *From Beyond* and *The Toxic Avenger* back to back, I was already fading fast!

I did, however, revive myself in time for the last half of *Rodan*, then the hysterical *Return of the Living Dead* (every bit as much fun as *An American Werewolf in London* — I mean it), *The Re-Animator* (another Gordon "thriller"), and *Surf Nazis Must Die*; a truly bizarre, feature-length mistake about what might happen to society in the aftermath of a major California earthquake. This movie takes the concept of "Touchy-Feely" to a strange, new height — I call it "Stabby-Knifey" — and after seeing it, you may never take vacations at the beach again.

Equally "worthwhile" (translated: hit and miss) as the films themselves were the shorts and other various filler material inserted in between. These included the classic Firesign Theater short, *Sperm Bank Hold-Up*, *Plasma in Pink* (a wonderful Pink Panther cartoon featuring a vampire who can say only, "Blah! Blah! Blah!" over and over again), and random live performances by four men calling themselves "The Macabre Barbershop Quartet." Not so high marks go to the Three Stooges short, *Pop Goes the Easel*, and other as-

sorted movie trailers.

wait for the characters to point it out to us. But this technical excellence — and the strength of the supporting cast — are not enough. A sense of the tragic is easy to instill when Gods and Fates intervene. To achieve O'Neill's complete vision a production must have a sense of tragic destiny without divine intervention, which is harder by far. The Trinity Repertory Company has, unfortunately, fallen just short.

sorted movie trailers.

Also adding spice to the night were prize giveaways — the fellow sitting right in front of me won a package of tripe (no kidding!) and the guy sitting next to him won two tickets to see the Second City improv troupe on their upcoming trip to Boston. Other prizes included turkey livers,

gizzards, and free Somerville Theatre passes.

There's a whole lot more I could say about this evening of schlock, but I really gotta get something to eat. That turkey sub's looking a whole lot better right about now than it did a while ago. And man, I need some sleep!

The Tech Performing Arts Series presents...

PRO ARTE

MIT's Gloria Raymond to sing...

Mezzo-soprano Gloria Raymond will sing Mahler's *Kindertotenlieder* with the Pro Arte Chamber Orchestra, conducted by David Hoose.

A world premiere by Steven Mackey is also on the program, as is Haydn's *Symphony No. 86*. Wonderful music; home-grown talent. Sanders Theatre. October 25, 3pm. MIT price: \$12 tickets reduced to \$6.

SINFONOVA

Mostly Bach

Sinfonova is a chamber orchestra of extraordinary talent and versatility. Their first concert of the season will include both Bach's *Concerto for two violins in D minor*, BWV 1043 and the *Concerto for two keyboards in C*, BWV 1061. The beautiful *Bachianas Brasileiras* No. 9 is also on offer. Hear Sinfonova once and you'll want to go to the whole season. Jordan Hall. October 31, 8pm.

MIT prices: \$13.50 tickets for \$6; \$8.50 tickets for \$4.

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.

Why Choose Hewlett-Packard?

Let's talk about it . . .

open house

to be held on

Tuesday, October 20, 1987 from 6:15 — 7:30 p.m.

in MIT Room 34-101

• SLIDE SHOW

• REFRESHMENTS

Campus Interviews October 21, 22, 23, 1987
Sign up at the Placement Office, MIT Room 12-170

HEWLETT



PACKARD

ARTS

On The Town

Compiled by Peter Dunn

Ongoing Theater

Balm in Gilead, a drama by Lanford Wilson, continues through October 24 at the Alley Theater, 1253 Cambridge Street, Cambridge. Performances are Thurs-Sun at 8 pm. Tickets: \$10. Telephone: 491-8166.

CRITIC'S CHOICE ★ ★ ★ **Cats**, the musical adapted from T.S. Eliot's *Old Possum's Book of Practical Cats*, continues through November 7 at the Shubert Theater, 265 Tremont Street, Boston. Performances are Mon-Sat at 8 pm, matinees Wed & Sat at 2 pm. Tickets: \$21-\$40. Telephone: 426-4320.

Cherry, the world premiere of the vaudeville-inspired musical, continues indefinitely at the Nucleo Ecclettco, 216 Hanover Street, Boston. Performances are Thurs-Sat at 8 pm. Tickets: \$10 advance/\$12 at the door. Telephone: 367-8056.

Forbidden Broadway 1987, the musical comedy revue with parodies of various famous personalities, continues indefinitely at the Boston Park Plaza Hotel Terrace Room, Park Square. Performances are Tues-Fri at 8 pm, Sat at 7 and 10 pm, Sun at 3 and 6 pm. Tickets: \$15-\$21.50. Telephone: 357-8384.

Nonsense, the heavenly musical comedy that features five singing, dancing, romping puns, continues indefinitely at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Tues-Fri at 8 pm, Sat at 6 pm and 9 pm, with Thur and Sun matinees at 2 pm and 3 pm respectively. Tickets: \$15.50 to \$26.50. Telephone: 426-6912.

The Price, Arthur Miller's play revolving around two brothers who confound the price each paid for choices made during the 1930s depression, continues through October 25 at the Lyric Stage, 54 Charles Street, Boston. Performances are Wed-Fri at 8 pm, Sat 5 pm & 8:30 pm, and Sun at 3 pm. Tickets: \$10-\$13. Telephone: 742-8703.

Shear Madness, the long-running comic murder mystery, continues indefinitely at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Tues-Fri at 8 pm, Sat at 6:30 and 9:30 pm, Sun at 3 and 7:30 pm. Tickets: \$16 and \$19. Telephone: 426-6912.

Shebopina, a musical set in a '60s hair styling salon and featuring period music, continues through October 25 at the Wilbur Theater, 246 Tremont Street, Boston. Performances are Tues-Fri at 8 pm, Sat at 6 and 9:30 pm, and Sun at 3 pm. Tickets: \$19.50-\$27.50. Tel: 423-4008.

The Three Women, the American premiere of the multimedia epic of lust and the supernatural, continues through October 24 as a presentation of Theatre 5 at the Performance Place, 277 Broadway, Somerville. Performances are Thurs-Sat at 8 pm and Sat at 10 pm. Tickets: \$10 general, \$6.50 students. Tel: 623-5510.

CRITIC'S CHOICE ★ ★ ★ **Who's Afraid of Virginia Woolf?**, Edward Albee's bawdy, seething drama, continues through October 25 at the New Ehrlich Theatre, 539 Tremont Street, Boston. Performances are Tues-Fri at 8 pm, Sat at 5 pm and 8:30 pm, and Sun at 2 pm. Tickets: \$12-\$15. Telephone: 482-6316.

Ongoing Exhibits

ON CAMPUS

Inner Spaces: New Macroscopic Abstractions, spectacular color photographs of flowers by Vernon Ingram, MIT professor of biology, continues through October 31 at the Compton Gallery of the MIT Museum (10-150), just off the infinite corridor. Gallery hours are weekdays 9-5. No admission charge. Telephone: 253-4444.

Fischli/Weiss: States of (In)Balance, film and photographs exploiting suspenseful sequence and precarious balance in both improbable man-made constructions and natural processes, continues through November 22 at the MIT Bakalar Sculpture Gallery, List Visual Arts Center, 20 Ames Street. Gallery hours are weekdays 12-6 and weekends 1-5. Telephone: 253-4400.

Jenny Holzer: Signs, the first traveling museum exhibition of this contemporary American artist, noted for her provocative writings utilizing a variety of media, continues through November 29 at the MIT Hayden Gallery, List Visual Arts Center, 20 Ames Street. Gallery hours are weekdays 12-6 and weekends 1-5. Telephone: 253-4400.

1986 Wildlife Photography Exhibition, 50 prize-winning photographs from international competition, continues through January 30 at the MIT Museum, 265 Massachusetts Avenue (NS2-2nd floor). Gallery hours are Tues-Fri 9-5, Sat-Sun 12-4. No admission charge. Telephone: 253-4444.

OFF CAMPUS

Sky Light, a highly visual kinetic sculpture exhibit by five artists from the MIT Center for Advanced Visual Studies, continues through November 8 in the atrium of the new wing of the Boston Museum of Science. Hours are Tues-Sun 9 am-9 pm. Telephone: 589-0100.

Jane Highstein: Sculpture and Drawing continues through October 25 at the Brandeis University Rose Art Museum, Waltham. Telephone: 736-3434.

An exhibition of photographs, paintings, and sculptures by artists from the Fort Point Arts Community, Inc. of South Boston continues through October 23 at the Federal Reserve Bank of Boston Gallery, 600 Atlantic Avenue, across from South Station. Gallery hours are Mon-Fri 10-4. No admission charge. Telephone: 973-3454 or 973-3368.

CRITIC'S CHOICE ★ ★ ★ **Ansel Adams: A Special Relationship**, an exhibition of over 60 original Polaroid photographs by Ansel Adams, continues through October 24 at the Clarence Kennedy Gallery, 770 Main Street, Cambridge. Gallery hours are Tues-Sat 11-5. No admission charge. Telephone: 577-5177.

The Boston University Art Gallery opens its 1987-88 season with **The First American: Selections from the Nancy Stryker Day Collection of Latin American Art**, featuring 56 paintings, prints, drawings, photographs, and sculptures surveying the major developments in Latin American modernism. Continues through October 25, Mon-Fri 10-4, Fri evening 7-9, and Sat-Sun 1-5. Located at 855 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3329.

Three Photographers, an exhibit of work by three Boston-area photographers, Betsy Fuchs, Linda Mahoney, and Bonnell Robinson, continues through October 30 at the Simmons College Trustman Art Gallery, 300 The Fenway, Boston. Gallery hours are Mon-Fri 10-4:30. Telephone: 738-2124.

CRITIC'S CHOICE ★ ★ ★ **The Silver of Tiffany & Co., 1850-1987**, pointing out the distinctive Japonism and renaissance works for which the firm received worldwide acclaim and tracing the changing styles of the nineteenth century through the Art Deco of the 1930s to contemporary trends, continues through November 8 on the first floor of the Richard B. Carter Gallery at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Tel: 267-9300.

The fall season at the Institute of Contemporary Art opens with **Doug Hall: The Spectacle of Image**, an exhibition providing an overview of Hall's unique video/performance work continuing through November 8, and with **The Arts For Television**, an international survey of 67 works and programs produced by and for television continuing through October 30. Gallery hours are Wed-Sun 11-5, Thurs-Fri until 8 pm. Located at 955 Boylston Street, Boston, across from Hynes Auditorium. Admission: \$3.50 general, \$2 students, \$1 seniors and children, free to ICA members. Telephone: 266-5151 or 266-5152.

CRITIC'S CHOICE ★ ★ ★ **Terry Winters: Schemata**, 75 small drawings in graphite and watercolor scheduled to coincide with the exhibit at the Museum of Fine Arts, continues through November 29 at the MIT Reference Gallery, List Visual Arts Center, 20 Ames Street. Gallery hours are weekdays 12-6 and weekends 1-5. Telephone: 253-4680.

Terry Winters: Paintings and Drawings, the first museum exhibition in the United States devoted to the work of the American painter Terry Winters, continues through November 29 at the Museum of Fine Arts Foster Gallery, 465 Huntington Avenue, Boston. Telephone: 267-9300.

Selections from the David and Sandra Bakalar Collection and **Unbound Days: Collages by Rita DeWitt** continue through November 8 at the Photographic Resource Center, Boston University, 602 Commonwealth Avenue, Boston. Gallery hours are Tues-Sun 12-5 and Thurs until 8 pm. Admission: \$2 general, \$1 seniors and students. Telephone: 353-0700.

El Lissitzky, Russian Artist, an exhibition of varied work by one of the leading artists of the European avant-garde between the two world wars, continues through November 29 at the Harvard University Sackler Museum, 485 Broadway, Cambridge. Admission: \$3 general, \$1.50 seniors and students. Telephone: 495-2397.

Napoleon in the Eyes of his Contemporaries, prints from France, Great Britain, and the German and Italian states of his time, continues through December at Boston University's Mugar Memorial Library, Department of Special Collections, 771 Commonwealth Avenue, Boston. Gallery hours are Mon-Thurs 8 am-11 pm, Fri-Sat 8 am-5 pm, and Sun 10 am-11 pm. No admission charge. Telephone: 353-2134.

Carved in Marble: American Sculpture, 1830-1880, an exhibition of works in marble by the first Americans to study in Italy and pursue professional careers as sculptors, continues through December at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Tel: 267-9300.

Janis Redlich: Recent Paintings continues through December 4 at the Cambridge Multicultural Arts Center, 41 Second Street, East Cambridge. Gallery hours are weekdays 12-4. Telephone: 577-1400.

CRITIC'S CHOICE ★ ★ ★ **Gauguin and His Circle in Brittany: The Prints of the Pont-Aven School**, a collection of rare prints by a number of prominent nineteenth-century French artists of the Pont-Aven Circle, continues through December 13 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Tel: 267-9300.

Charles Sheeler: Paintings, Drawings, Photographs, featuring works spanning Sheeler's nearly 50-year career and exploring his remarkable versatility and originality, continues through January 3 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Tel: 267-9300.

Tribal Traditions of Kenya, a multimedia exhibit highlighting the infinite cultural variety of this East African country, continues through February 28 at the Museum of Science Stearns Gallery, Science Park, Boston. Telephone: 589-0250 or 589-0253.

Tuesday, Oct. 20

POPULAR MUSIC

Tom Waits performs at the Orpheum Theater, Hamilton Place, Boston. Tickets: \$15.85 and \$18.85. Tel: 482-0650.

Terrence Trent D'Arby performs at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

Jonathan Richman and the Modern Lovers perform at 8:00 and 10:30 at Nightstage, 823 Main Street, Cambridge. Also presented October 21. Tickets: \$10. Telephone: 497-8200.

Chalice, with guests **Mutabaruka**, perform at the Channel, 25 Necco Street, near South Station. Tickets: \$7.50 advance/\$8.50 at the door. Tel: 451-1905.

Free Fire, EX-15, and Bunnies in Hell perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.



The Dizzy Gillespie Quintet performs at Nightstage on October 22 and 23.

CLASSICAL MUSIC

Quatuor Via Nova, the adventurous and creative French string quartet, performs at 8 pm in the Northeastern University Alumni Auditorium, Huntington Avenue, Boston. Tickets: \$12. Telephone: 437-2247.

The **New England Conservatory Repertory Orchestra** performs music of Mozart, Rimsky-Korsakoff, and Dvorak at 8 pm in Jordan Hall, 30 Gainsborough Street, Boston. Also, **Opera Scenes** directed by John Moriarty and Cecilia Schieve are presented at 8 pm in Brown Hall, 290 Huntington Avenue, Boston. No admission charge for either event. Telephone: 262-1120.

THEATER

CRITIC'S CHOICE ★ ★ ★ **Sweet Charity**, Bob Fosse's musical comedy hit, opens at the Colonial Theatre, 106 Boylston Street, Boston. Continues through November 7. Telephone: 426-9366.

The **White House Murder Case**, by Jules Feiffer, is presented at 8 pm at the Arena Theater, Tufts University, Medford. Continues through October 24. Tickets: \$1 to \$4. Telephone: 381-3493.

FILM & VIDEO

CRITIC'S CHOICE ★ ★ ★ The Harvard Film Archive continues its Tuesday film series **Great Directors** with **Frank Capra's Mr. Deeds Goes to Town** (1936), starring Gary Cooper, at 5:30 and 8:00. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street, in Harvard Square. Tickets: \$3. Telephone: 495-4700.

The **Brattle Theatre** continues its Tuesday series **Independent Filmmakers Showcase** with **How to Prevent a Nuclear War** (1987, Liane Brandon) at 8:00 (screening with filmmaker discussion, \$6) and 9:30 (screening only, \$4). Located at 40 Brattle Street in Harvard Square. Telephone: 876-6837.

The **Somerville Theatre** presents the exclusive New England premiere of **Margarethe von Trotta's Rosa Luxemburg** (Germany, 1987) at 5:30, 7:45, & 10:00. Continues through October 22. Located at 55 Davis Square, just by the Davis Square T-Stop on the red line. Telephone: 625-1081.

LECTURES

Puzzles Old and New: Some Historical Notes, a lecture by Jerry Slovic in conjunction with the exhibit opening on October 21, is presented at 7 pm at the MIT Museum Building, 265 Massachusetts Avenue, Cambridge. No admission charge. Telephone: 253-4444.

Poetry Reading by Jose Emilio Pacheco is presented at 8 pm in Studio 210, Boston University Theatre, 264 Huntington Avenue, Boston. Continues through October 24 at 8 pm and October 25 at 2 pm. No admission charge. Telephone: 353-3345.

Wednesday, Oct. 21

POPULAR MUSIC

CRITIC'S CHOICE ★ ★ ★ **Suzanne Vega** performs at the Orpheum Theatre, Hamilton Place, Boston. Also presented October 22. Tickets: \$16.50. Telephone: 482-0650.

Throwing Muses perform at the Metro, 15 Lansdowne Street, just across from the entrance to the bleachers at Fenway Park. Tickets: \$8.50 advance/\$9.50 at the door. Telephone: 262-2424.

Alexander O'Neal, Force M.D.'s, and Lillo Thomas perform at the Channel, 25 Necco Street, near South Station. Tickets: \$11.50 advance/\$12.50 at the door. Telephone: 451-1905.

The **Next**, 54, and **Crosstown Rivals** perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

CLASSICAL MUSIC

The **Boston Conservatory Wind Ensemble** performs works of Delius, Holst, Grainger, Strauss, Bach, and Copland at 8 pm in Seully Hall, 8 The Fenway, Boston. No admission charge. Telephone: 536-6340.

LECTURES

The Museum of Fine Arts lecture series **Charles Sheeler: Painter and Photographer** begins with **Darkened Windows and Empty Spaces: Charles Sheeler's Interiors** at 8 pm in the MFA's Remis Auditorium, 465 Huntington Avenue, Boston. The series concludes on October 28 with **The Photographs of Charles Sheeler**. Tickets: \$7.50 general, \$6.50 MFA members, seniors, and students for individual lectures. Telephone: 267-9300 ext. 306.

FILM & VIDEO

CRITIC'S CHOICE ★ ★ ★ The Harvard Film Archive continues its Wednesday series **Classics of World Cinema** with **King Vidor's Our Daily Bread** (1934) at 5:30 and 8:00. The HFA also continues its Wednesday series **Non-Fiction Cinema** with **Leni Riefenstahl's beautiful document of the 1936 Olympic Games, Olympia, Part I: Festival of the Nations** (1936-38), at 5:30 and 8:00 in Room B-04. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Admission: \$3. Telephone: 495-4700.

The **Brattle Theatre** continues its Wednesday series **The Films of Val Lewton & Jacques Tourneur** with **The Leopard Man** (1943, Tourneur) at 4:15, 7:15, & 10:00 and **Bedlam** (1946, Mark Robson) at 5:30 & 8:25. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

The **Institute of Contemporary Art** continues its retrospective of the films of **Raymond Depardon** with **Empty Quarter** at 7:30 pm. Continues through October 25. Located at 955 Boylston Street, Boston. Tickets: \$4 general, \$3 ICA members. Tel: 266-5151 or 266-5152.

EXHIBITS

Puzzles Old and New, the largest and most diverse collection of puzzles ever assembled for public exhibition, opens today at the MIT Museum Building, 265 Massachusetts Avenue, Cambridge. Continues through January 3 with gallery hours Tues-Fri 9-5 and Sat-Sun 12-4. Admission: \$2 requested donation. Telephone: 253-4444.

Walter Poon, Evelyn Hui, and Xisng Ming Zeng, photographs and paintings in modern and traditional styles by Chinese artists, opens today at the MIT Museum Building, 265 Massachusetts Avenue, Cambridge. Continues through January 2 with gallery hours Tues-Fri 9-5 and Sat-Sun 12-4. Admission: \$2 requested donation. Telephone: 253-4444.

Thursday, Oct. 22

THEATER

CRITIC'S CHOICE ★ ★ ★ **Hamlet** is presented by the MIT Shakespeare Ensemble at 8 pm in Kresge Little Theatre. Continues through October 27. Tickets: \$4 and \$6. Telephone: 253-2903.

True West, Sam Shepard's classic and bizarre look at sibling rivalry, is presented at 8 pm in the Callan Studio Theatre, Salem State College, Salem. Also presented October 23, & 24. Tickets: \$5. Telephone: 744-3700.

JAZZ MUSIC

CRITIC'S CHOICE ★ ★ ★ The **Dizzy Gillespie Quintet**, with the **Crown Prince of Jazz** himself celebrating his 70th birthday, performs at 8:00 and 10:30 at Nightstage, 823 Main Street, Cambridge. Also presented October 23. Tickets: \$17. Telephone: 497-8200.

CLASSICAL MUSIC

The **New Arts Winds** performs works of Schuller, Eller, and Ligeti as part of the **Thursday Noon Chapel Series** at 12:05 in the MIT Chapel. No admission charge. Telephone: 253-2906 or 253-ARTS.

Flutist Julie Scolnik performs works of Czerny, Gaubert, and Crumb 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 **New England Conservatory Chorus** performs at 8 pm in Jordan Hall, 30 Gainsborough Street, Boston. No admission charge. Telephone: 262-1120.

A **String Department Recital** is presented at 8 pm in the Boston University Concert Hall, 855 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

The **Boston Conservatory Wind Ensemble** performs works of Bach and Copland at 7 pm in Rabb Hall of the Boston Public Library. No admission charge. Telephone: 536-6340.

The **New England Conservatory Honors Brass Quintet** performs works of Victor Ewald, Jan Bach, and Leonard Bernstein at 12:30 pm in the Federal Reserve Bank of Boston's auditorium, 600 Atlantic Avenue, across from South Station. No admission charge. Telephone: 973-3454 or 973-3368.

POPULAR MUSIC

SCC's Strat's Rat features a **Fall Weekend Concert** at 9 pm in Walker. No admission charge with MIT/Wellesley ID. Telephone: 253-3942.

O Positive and **Dr. Black's Combo** perform in a record release party at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

Zulus and Tribe perform at Axis, 13 Lansdowne Street, just across from the entrance to the bleachers at Fenway Park. Telephone: 262-2437.

Yo La Tengo, Nova Mob, Johnny & The Jumper, and Cabes perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

The **Evangelists, Viet Dog, and Judge Mental** perform at Green Street Station, 131 Green Street, Jamaica Plain. Telephone: 522-0792.

Mike Vergo & Acid Reign, Cool McCool, The Sams, Three Hands, Jake & Jean, Big Chuck, and Felix perform at the Channel, 25 Necco Street, near South Station. Tickets: \$3. Tel: 451-1905.

I.R.A. Mudslide, Street Kid, Screaming Headless Torsos, and The Laws perform at the Rat, 528 Commonwealth Avenue in Kenmore Square. Tel: 536-9438.

COMEDY

Eddie Murphy performs at 8 pm at the Providence Civic Center, One LaSalle Square. Also presented October 23 at the Worcester Centrum, 50 Foster Street, Worcester (798-8888). Tickets: \$17.50. Telephone: 401-331-6700.

FILM & VIDEO

The **Harvard-Epworth Church** continues its series of films by **Luis Bunuel** with **Withering Heights (Aymara del Pastor)**, 1952, Spanish with subtitles at 8 pm. Located at 1555 Massachusetts Avenue, Cambridge. Admission: \$2 contribution.

The **Brattle Theatre** continues its Thursday film series **Expressions of Horror** with **Le Barone Fantome** (1943, Serge Polign) at 4:00 & 8:00 and **Corridor of Mirrors** (1948, Terrence Young) at 6:00 & 9:55. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

The **Harvard Film Archive** continues its series **Classics of World Cinema** with **Jean Vigo's L'Atalante** (1934) at 5:30 and 8:00 in Room B-04. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Admission: \$3. Telephone: 495-4700.

The **Museum of Fine Arts** presents **Outsiders as Insiders: Jews and the History of American Silent Film**, with a lecture by Tom Gunning on the image of Jews in early cinema, accompanied by selected shorts and **His People** (1925, Edward Sloman) at 7 pm in the MFA's Remis Auditorium, 465 Huntington Avenue, Boston. Tickets: \$5 general, \$4 MFA members, seniors, and students. Telephone: 267-9300 ext. 300.

LECTURES

Robert Dana, author of **Starting Out for the Difficult World**, will read from his work at 8 pm in the Cronkhite Graduate Center, 6 Ash Street, Cambridge. Admission: \$2.50. Telephone: 547-4908.

Friday, Oct. 23

POPULAR MUSIC

Anita Baker performs at the Wang Center, 268 Tremont Street, Boston. Also presented October 24. Tickets: \$20.50 and \$26.50. Telephone: 787-8000.

Leon Russell and Edgar Winter perform at the Channel, 25 Necco Street, near South Station. Tickets: \$12.50 advance/\$13.50 at the door. Telephone: 451-1905.

Let's Active, The Raindogs, and Mousgnors perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

Silos, Big Barn Burning, and Gingerbread Men perform at the Rat, 528 Commonwealth Avenue in Kenmore Square. Telephone: 536-9438.

The **Bags** perform at Green Street Station, 131 Green Street, Jamaica Plain. Telephone: 522-0792.

Hurrah, The Northern Pikes, The Royal Court of China, and Will & The Kill perform at the Paradise, 967 Commonwealth Avenue, Boston. Free admission. Telephone: 254-2052.



Gary Cooper (left) in Capra's *Mr. Deeds Goes to Town* at the Harvard Film Archive, October 20.

ARTS

CLASSICAL MUSIC

The Boston Symphony Orchestra, Seiji Ozawa conducting, performs works by Haydn, Bruch, and Schumann, at 8 pm in Symphony Hall. Also presented October 24. Tickets: \$15.50 to \$41. Telephone: 266-1492.

***** CRITIC'S CHOICE *****
Boston Camerata presents Claudio Monteverdi's opera *L'Orfeo*, with tenor Jon Humphrey in the title role, at 8 pm in Jordan Hall, 30 Gainsborough Street, Boston. Also presented October 24 at 8 pm and October 25 at 3 pm. Tickets: \$16.50 to \$19.50 (see also reduced-price tickets offered for October 23 through The Tech Performing Arts Series). Tel: 536-2412.

Susan Larson, soprano, with guest artist Susan Miron, harp, performs Benjamin and the Britons at 8 pm in the Edward Pickman Concert Hall, Longy School of Music, Follen and Garden Streets, Cambridge. Tickets: \$8 general, \$5 seniors and students (proceeds benefit AIDS care & services). Telephone: 876-0956.

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

FILM & VIDEO

LSC presents Mack Sennett's *Tillie's Punctured Romance* (1914), starring Charlie Chaplin, at 7:30 pm in 10-250 and *Crimes of the Heart*, starring Jessica Lange, Diane Keaton, and Sissy Spacek, at 7 pm and 10 pm in 26-100. Admission: \$1.50. Telephone: 545-9179.

The Brattle Theatre continues its Friday/Saturday film series *Fantastic Weekends* with Alfred Hitchcock's *Psycho* (1960), with Anthony Perkins, Janet Leigh, and Vera Miles, at 4:15 & 8:00 and *Homicidal* (1961, William Castle) at 6:15 & 10:00. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

The Cambridge Center for Adult Education presents *The Prime of Miss Jean Brodie* (Ronald Neame) at 7 pm and 9 pm. Located at the Blacksmith House, 56 Brattle Street, Cambridge. Admission: \$3.50. Telephone: 547-6789.

The Harvard Film Archive begins a weekend series entitled *Recent Chinese Cinema* with *My Memories of Old Beijing* (1983, Wu Yigong) at 7 pm and *At The Beach* (1985, Teng Wenji) at 9 pm. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Admission: \$3. Tel: 495-4700.

The Museum of Fine Arts continues its series *Bertrand Tavernier: A Passion for Cinema* with *Us dimanche à la campagne* (*A Sunday in the Country*, 1984) at 5:30 and *Round Midnight* (1986), with Dexter Gordon, at 8 pm. Located at the MFA's Remis Auditorium, 465 Huntington Avenue, Boston. Tickets: \$3.50 general, \$3 MFA members, seniors, and students. Telephone: 267-9300 ext. 300.

The French Library continues its film series *Murder and Mystery* with Claude Chabrol's *La rupture* (*The Break-up*, 1970) at 8 pm. Continues through October 25. Located at 53 Marlborough Street, Boston. Admission: \$3.50 general, \$2.50 members. Telephone: 266-4351.

On The Town
Compiled by Peter Dunn



The Boston Camerata performs Monteverdi's *L'Orfeo* at Jordan Hall, October 23 to 25.

THEATER

A Lie of the Mind, Sam Shepard's play examining the lies and self-delusions lurking behind modern relationships, is presented by the Harvard-Radcliffe Dramatic Club at 8 pm in the Loeb Drama Center, 64 Brattle Street, Cambridge. Continues October 24-25 and 28-31. Tickets: \$5 general, \$4 seniors and students. Telephone: 547-8300.

Absent Friends, Alan Ayckbourn's fast-paced, astute, and hysterically funny vision of modern relationships, opens today at the New Repertory Theatre, 61 Washington Park, Newton. Continues through November 22. Tel: 332-1646.

COMEDY

***** CRITIC'S CHOICE *****
The Second City Comedy Troupe performs at 8 pm at the Somerville Theatre, 55 Davis Square, just by the Davis Square T-stop on the red line. Telephone: 625-1081.

DANCE

***** CRITIC'S CHOICE *****
Betty Fain and Dancers perform *Above the Tree Line* at 8 pm at Mobyus, 354 Congress Street, Boston. Also presented October 24 at 8 pm and October 25 at 3 pm. Tickets: \$7. Telephone: 542-7416.

Steve Kriekhaus is presented by Dance Umbrella at 8 pm at the Joy of Movement Center, 536 Massachusetts Avenue, Cambridge. Also presented October 24. Tickets: \$7 general, \$6 members. Telephone: 492-7578.

LECTURES

Sam Abell, photographer for *National Geographic Magazine*, is presented by the Photographic Resource Center at 8 pm in Morse Auditorium, 602 Commonwealth Avenue, Boston. Tickets: \$5 general, \$3 members. Tel: 553-0700.

POPULAR MUSIC

***** CRITIC'S CHOICE *****
Roy Orbison performs at 8 pm at the Worcester Memorial Auditorium, 1 Highland Street, Worcester. Tickets: \$15.50 and \$18.50. Tel: 799-1251.

Chutney performs at 9:30 pm at Harvard's Richards Hall, 24 Everett Street, Cambridge. No admission charge.

Holly Near and her band perform at 6:00 and 9:30 at the Berkeley Performance Center, 136 Massachusetts Avenue, Boston. Tickets: \$14.50 and \$16.50. Telephone: 641-1010.

Gang Green, with guests The Bags, and Buzz & The Gang, perform in a record release party at the Channel, 25 Necco Street, near South Station. Tickets: \$4.00 advance/\$5.00 at the door. Telephone: 451-1905.

Washington Squares, The Balancing Act, and Idle Hands perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

Buckwheat Zydeco, led by accordionist/singer Stanley "Buckwheat" Dural, performs at 8:30 and 11:00 at Nightstage, 823 Main Street, Cambridge. Tickets: \$10. Telephone: 497-8200.

CLASSICAL MUSIC

***** CRITIC'S CHOICE *****
The MIT Symphony Orchestra and featured cello soloist Carlos Prieto '59 perform works of Dvorák, Beethoven, and Charles Ives at 8:30 pm in Kresge Auditorium. Tickets: \$1 at the door, free in advance to members of MIT and Wellesley communities. Telephone: 253-2826.

Sunday, Oct. 25

POPULAR MUSIC

Fred Frith and Hans Reichel perform at 9 pm at Nightstage, 823 Main Street, Cambridge. Tickets: \$8. Tel: 497-8200.

De Dannan perform at 8 pm at the Berkeley Performance Center, 136 Massachusetts Avenue, Boston. Tickets: \$13.50 and \$15. Telephone: 266-7455.

CLASSICAL MUSIC

Luciano Pavarotti, the celebrated tenor, offers a program of songs and arias including works by Scarlatti, Schubert, Verdi, and Liszt at 3 pm in Symphony Hall. Tickets: \$50 to \$75. Telephone: 266-1492.

The Scarborough Chamber Players present a world premiere multi-media fantasy entitled *Starwinds: Flightwinds* at 8 pm in Sanders Theatre, Harvard University, Kirkland and Cambridge Streets, Cambridge. Tickets: \$12.50. Telephone: 328-0677.

***** CRITIC'S CHOICE *****
The Pro Arte Chamber Orchestra, David Hoose conducting, performs works by Mahler, Steven Mackey, and Haydn at 3 pm in Sanders Theatre, Harvard University, Kirkland and Cambridge Streets, Cambridge. Tickets: \$6 to \$15 (see also reduced-price tickets offered through The Tech Performing Arts Series). Tel: 661-7067.

Leonard Hokanson performs in an evening of *Piano and Winds* at 8 pm at the All Newton Music School, 321 Chestnut Street, West Newton. Tickets: \$14. Telephone: 527-4553.

The Lark Quartet performs music of Beethoven, Britten, and Mendelssohn at 8 pm in Wellesley College Jewett Auditorium. No admission charge. Telephone: 235-0320 ext. 2028.

The Yale Music Spectrum presents music of Schumann and Brahms at 3 pm in the Edward Pickman Concert Hall, Longy School of Music, Follen and Garden Streets, Cambridge. No admission charge. Telephone: 876-0956.

FILM & VIDEO

LSC presents *Gallipoli*, directed by Peter Weir and starring Mel Gibson and Mark Lee, at 6:30 and 9:30 in 26-100. Admission: \$1.50. Telephone: 225-9179.

***** CRITIC'S CHOICE *****
The Harvard-Epworth Church presents Kenji Mizoguchi's *Princess Yang Kwei Fei* (1955, Japanese with subtitles) at 8 pm. Located at 1555 Massachusetts Avenue, Cambridge. Admission: \$2 contribution.

The Somerville Theatre presents *Doctor X* (1932, Michael Curtiz) at 6:15 & 9:30 and *Mystery of the Wax Museum* (1933) at 7:45. Continues through October 27. Located at 55 Davis Square, just by the Davis Square T-stop on the red line. Telephone: 625-1081.

The Brattle Theatre continues its Sunday film series *Ghosts and Other Stories* with *Phantom of the Opera* (1925, Rupert Julian), starring Lon Chaney, at 1:30, 4:45, & 7:55 and *The Most Dangerous Game* (1932, Ernst B. Schoedsack and Irving Pichel) at 3:20, 6:30, & 9:45. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

The Harvard Film Archive continues its weekend series entitled *Recent Chinese Cinema* with *Drugstore* (1972, Joris Ivens) at 7 pm and *Black Cannon Incident* (1985, Huang Jianxin) at 9 pm. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Admission: \$3. Tel: 495-4700.

Monday, Oct. 26

CLASSICAL MUSIC

Cello George Neikrug and pianist Kathleen Forgas perform in a Faculty Recital at 8 pm in the Boston University Concert Hall, 855 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

The New England Conservatory Repertory Wind Ensemble performs at 8 pm in Jordan Hall, 30 Gainsborough Street, Boston. No admission charge. Telephone: 262-1120.

FILM & VIDEO

***** CRITIC'S CHOICE *****
The Harvard Film Archive continues its Monday series *Film Comedy* with Ernst Lubitsch's *Trouble in Paradise* (1932) at 5:30 and 8 pm. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Admission: \$3. Telephone: 495-4700.

The Brattle Theatre continues its Monday series of *Film Noir* with *I Wake Screaming* (1942, H. Bruce Humberstone) at 4:15 & 7:55 and *Odds Against Tomorrow* (1959, Robert Wise) at 6:00 & 9:30. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

Tuesday, Oct. 27

POPULAR MUSIC

The Gadd Gang, with special guest Tom Grant, performs at 7 pm and 10 pm at Nightstage, 823 Main Street, Cambridge. Tickets: \$14. Telephone: 497-8200.

CLASSICAL MUSIC

The Handel and Haydn Society, Christopher Hogwood conducting, performs a program entitled *The Music of Amadeus* at 8 pm in Symphony Hall. Tickets: \$12 to \$32. Telephone: 266-3605.

Flutist Fenwick Smith is presented in a New England Conservatory Faculty Recital at 8 pm in Jordan Hall, 30 Gainsborough Street, Boston. No admission charge. Telephone: 262-1120.

A Faculty Artists Concert with Lawrence Isaacson, trombone and Charles Daval, trumpet is presented at 8 pm in the Boston Conservatory Seully Hall, 8 The Fenway, Boston. No admission charge. Telephone: 536-6340.

FILM & VIDEO

The Harvard Film Archive continues its Tuesday films series *The Great Directors* with King Vidor's *Stella Dallas* (1937), starring Barbara Stanwyck, at 5:30 and 8 pm. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Admission: \$3. Telephone: 495-4700.

The Brattle Theatre continues its Tuesday series *Independent Filmmakers Showcase* with the New England premiere of *Mayhem* (1987, Abigail Child) at 8 pm. Located at 40 Brattle Street in Harvard Square. Tickets: \$5. Telephone: 876-6837.

LECTURES

Jenny Holzer, whose exhibition *Jenny Holzer: Signs* is on display at the MIT List Visual Arts Center, will give a slide talk on her work at 7 pm in the MIT Bartos Theater, List Visual Arts Center, Weisner Building, 20 Ames Street. No admission charge. Telephone: 253-4400.

The Museum of Fine Arts lecture series *American Modernism* begins with *New York: The American City* at 10:30 am in the MFA's Mabel Louise Seminar Room, 465 Huntington Avenue, Boston. The series continues each Tuesday with *Americana: The Rediscovery of Folk Art* on November 3, *Classic Landscape: The Industrial Scene* on November 10, and *Suspended Forms: Still Life Painting and Photography* on November 17. Tickets: \$35 general, \$30 MFA members, seniors, and students for the series. Telephone: 267-9300 ext. 300.

Upcoming Events

Andrew Wyeth: *The Helga Pictures* at the Museum of Fine Arts beginning October 28. *The Cars* at Boston Garden on November 9. *Bo Diddley and Ron Wood* at the Channel on November 12. *Squeeze* at the Wang Center on November 16 and 17. *John Cougar Mellencamp* at Boston Garden on November 19.

The Tech Performing Arts Series presents...

ORFEO

Boston Camerata performs Monteverdi opera

Jon Humphrey sings the title role in this concert version of Monteverdi's *Orfeo*. Jordan Hall, October 23, 8pm. MIT price: \$5

CHINESE PALACE

The Chinese Children's Palace of Hangzhou is a group of dancers, singers, musicians, and acrobats making their premiere US appearances. The performance weaves delicate Chinese classical music and ancient Chinese folk dance. Symphony Hall, October 28, 8pm. MIT price: \$5

ALEJANDRO RIVERA

Chilean guitarist Alejandro Rivera and "New Directions in Latin American Music" will perform original compositions by Rivera, as well as music from Argentina, Chile, Venezuela, Brazil, Peru, Ecuador and Puerto Rico. Kresge Auditorium, MIT, November 1, 8pm. MIT price (in advance only): \$8.

COLLAGE

This is going to be intriguing... Collage is presenting the world premiere of "Cyberline" after Shakespeare, by Charles Fussell, conducted by the composer and featuring Jack Larson (who played Jimmy Olson in the original *Superman* series) as narrator, with tenor David Gordon. Shakespeare with a difference in Sanders Theatre. November 2, 8pm. MIT price: \$4.

HALLOWE'EN!

Boston Musica Viva goes wild for this weird and wonderful event. To include H. K. Gruber's *Frankenstein* complete with mouth sirens, car horns, plastic hoses, baby rattles, paper bags and a merry-go-round, Henry Brant's *Homage to the Marx Brothers*, Donald Erb's *The Devil's Quickstep* and Kurt Schwetsik's *Draculas Haus — und Hofmusik*. You have been warned. Jordan Hall, October 30, 7:30pm. MIT price: \$5

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.

notices

Listings

Student activities, administrative offices, academic departments and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest (typed and double spaced) via Institute mail to "News Notes, *The Tech*, room W20-483," or via US mail to "News Notes, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139." Notes run on a space-available basis only; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

Tuesday, Oct. 20

Puzzles Old and New: Some Historical Notes is the subject of a lecture given by Jerry Slocum at the MIT Museum. 7 pm. Call 253-4422 for more information

Tuesday, Oct. 20

Terry Tafoya, professor of philosophy at Evergreen State College, Olympia, Washington, will discuss **Circles and Cedar: Native American Epistemology and Clinical Issues.** School of Technology, Room 525, 745 Commonwealth Avenue, 8 pm.

Wed., Oct. 21

Philosopher James M. Langford, University of Notre Dame, will discuss **Science, Theology and Freedom: A New Look at the Galileo Case.** Sponsored in association with the Institute for Philosophy and Religion. School of Nursing Auditorium, 635 Commonwealth Avenue, 8 pm.

Wed., Oct. 21

There will be a MIT Women's League Open House in the Bush Room, 10-105, from 10 am to 3 pm. Displays illustrating the League's interest groups and volunteer activities will be featured. Refreshments will be served. New and old members are all welcome.

Thursday, Oct. 22

"What is the Future for CAST's - Is it Bypass or More?" is a seminar sponsored by the MIT Communications Forum, at which William Osborne of Comsat Technology Products, Bob Dun-

lap of Telecommunications Enterprises Inc., and Terrence McGarty of NYNEX will be speaking. Bartos Theatre, E15-070, 4-6 pm.

October 23-25

The Yankee Region Student Conference of the Society of Women Engineers (SWE) will conduct its annual meeting at Boston University. Professional development seminars and technical job fair with representatives from two dozen companies. NASA astronaut Ellen S. Baker, M.D. will deliver the keynote address. Registration of \$25. For more information call Mary Fitzgerald at 266-6368.

TECH CATHOLIC COMMUNITY

Welcomes You!

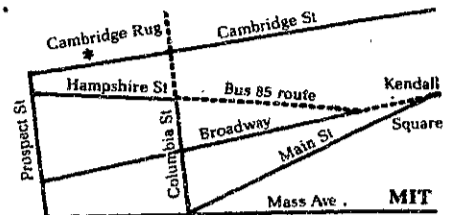
Mass
Sundays 9-12-5
MIT Chapel

9' x 12' Rugs Starting at \$79.95

Top Quality Remnants and Room-Size Rugs at Low, Low Prices

Wide Selection • Convenient Location

Cambridge Rug Co.
1157 Cambridge St.
Inman Square Area



354-0740

WHO CARES... TEACHERS COLLEGE, COLUMBIA UNIVERSITY CARES...

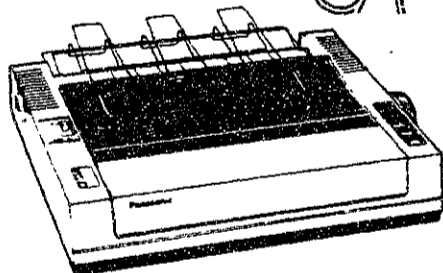
- about secondary school teaching and provides generous scholarships to talented liberal arts graduates to pursue graduate study in education
- about preparing teacher leaders through the exciting and unique FELLOWS IN TEACHING PROGRAM
- about learning and scholarship in the most exciting educational environment in the world — New York City!

If you are a senior or a junior interested in the challenge and satisfaction of teaching, join Mr. Ernest Thrope on Oct. 22 from 2-5 p.m. in the Office of Career Services, Bldg 12, Room 170. Learn more about this program, or any of the many programs of graduate study in education, psychology or health services offered at Teachers College.

DARE TO CARE!

For more information, contact:
Ms. Phyllis Jackson, Office of Career Services
or
Dr. A. Lin Goodwin
Fellows in Teaching Program
Box 216, Teachers College, Columbia University
New York, NY 10027
212-678-3788

Panasonic Printers



A COMPLETE LINE OF PANASONIC COMPUTERS

starting at
\$229
with
Panasonic
Dot Matrix

P-C COMPATIBLE

SYSTEM INCLUDES: **\$595**

DUAL SPEED PROCESSOR
AT STYLE KEYBOARD
256 K RAM
(EXPANDABLE TO 640K ON BOARD)
360K FLOPPY DRIVE
MONOCHROME MONITOR
MONOCHROME GRAPHICS CARD
PARALLEL INTERFACE
150 WATT POWER SUPPLY

DESKTOP PUBLISHING COMPLETE SYSTEMS



(617)492-2345

Store Hours:
Mon-Fri 9-6 Sat 9-3

E.L.I. COMPUTERS inc.
YOUR HOME AND OFFICE COMPUTER STORE
139 HAMPSHIRE STREET CAMBRIDGE, MA. 02139



WINTER SEMINAR IN ISRAEL for STUDENTS OF SCIENCE AND TECHNOLOGY

December 27, 1987-January 11, 1988

SPEND I.A.P. IN ISRAEL!!

Meet with professors and researchers at major Israeli universities, professionals in successful high technology businesses, and peers — former Americans as well as native Israelis — working in these areas. Sites of historic significance will be visited in the Jerusalem-Tel Aviv areas, the Galilee, and the Negev. Also included will be special political and military briefings on location, visits to kibbutzim and settlements, cultural experiences, and social events.

Highlights of the Seminar include:

Visit to the Desert Research Center
Meeting with Soviet Jewish scientists
Visit to a high technology moshav
Tour, meet with former Americans at major Israeli industries such as Tadiran Electric, Elbit

Optional Internship:

Placements in Israeli industry or academic research during January. Internship costs are additional.

Trip Extensions:

Stay on your own. No additional program costs.

Applications:

Are available at MIT HILLEL, 312 Memorial Drive, 253-2982.
Application deadline is November 25.

Sponsored by MIT Hillel and the National B'nai B'rith Hillel foundations.

sports

MIT crew teams do well at Head of the Charles

(Continued from page 24)

Bridge by another eight from Taber Academy, according to coxswain Paula Han '89. She added that the collision took several seconds for them to clear and resume full pressure racing, which easily costed them the nine-second difference to place second in the race.

The varsity women's championship eight finished 27th in 18:53 while the championship four came in 24th in 21:23. The crews from the Boston Rowing Center won both the championship eight event in 16:18.30 and the championship four in 18:42.17. The championship events attracted a varied and very fast roster of crews from around the world as well as collegiate

crews.

The graduate women's lightweight eight finished 6th in 18:42.14. The St. Catharine's eight from Canada won the event in 17:21.12.

The various Head-of-the-River regattas are held in the fall when most teams hone their endurance and racing skills, preparing for the spring racing season. The fall race courses are usually three to three-and-a-half mile long and winding under bridges and sharp turns while the spring racing courses are straight and only 2000 meter long.

The novice and freshmen teams will row in a spoof of the Head of the Charles later this fall, affectionately called the Foot of the Charles.

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.

The Reality of The Self. Learn the art of easy Raja Yoga in a practical way. Direct benefits: inner calm, strength and a sense of unshakable well-being. Without charge. B.K. Raja Yoga Center. 734-1464.

Sexually Transmitted Disease
Confidential testing and treatment of STD's and AIDS. Also general medical care, sports-medicine, birth control, etc. Private office. Robert Taylor M.D., 1755 Beacon Street, Brookline 232-1459.

Arlington Condo - Spectacular 2 bedroom contemporary unit in restored school building, 2 full baths, European Kitchen, Parking near T; \$179,500. Also Bedford Duplex of 5/4; \$218,500. Coldwell Banker, R.E. 229-6411.

Wanted: Rocket Scientist
Do you have a knowledge of Engines? Computers? Air conditioning systems? Have the ability to Design and Construct a Prototype from scratch? If you do, I'd like to talk to you. I'm a T.U. Associate Director with a major network and I have an idea for a product that should have been invented, but hasn't. If you're qualified and feel that you'd be interested in collaborating on this unique project from it's inception through completion, I'd like to hear from you. I'll Finance the project and split the patent with you upon completion. An idea remains just that unless someone does something with it. If you agree, call Peter Meroney at (212)-364-3199 after 5pm days or leave message.

Part Time Help Needed. Excellent Salary. Flexible Hours with School Schedule. Best Positions Available Now. Data Entry, Gallery Sales. 542-0030.

Crimson travel wants you as a campus rep!!! Earn **FREE TRAVEL AND EXTRA MONEY** promoting trips on your campus. Call 800-553-6642 (outside MA) or 548-6149 collect to Kate (within MA).

Michela's Take-out Shop seeks F/T or P/T help. Perfect for students! Flexible schedule. Fun! Fun! Fun! Call Mimi 494-5419.

Legal advice. Consultations for computer and corporate law, real estate, negligence, family law, and civil or criminal litigation. Office convenient to MBTA and Government Center in Boston. Call Attorney Esther Horwich, MIT '77 at 523-1150.

The Tech Subscription Rates: \$14 one year 3rd class mail (\$26 two years); \$36 one year 1st class mail (\$67 two years); \$40 one year foreign; \$8 one year MIT Mail (2 years \$13). The Tech, W20-483; or PO Box 29, MIT Branch, Cambridge, MA 02139. Prepayment required.



This space donated by The Tech

EMPLOYMENT OPPORTUNITIES IN JAPAN



Bi-lingual? Interested in learning about career opportunities in Japan?

Shushoku Joho, the employment journal of Japan, provides information on opportunities with prestigious Japanese and foreign capital companies operating in Japan.

To receive the latest news in career opportunities in Japan, free of charge, please dial (800) 423-3387 in California; (800) 325-9759 outside California.

A service of Recruit U.S.A., Inc.
"We Communicate Opportunity"

TECHNOLOGY FOR A NEW AGE



TRW Inc 1987 TRW is the name and mark of TRW Inc

Who Do You Call When You Want To Identify A Soccer Ball From 22,300 Miles In Space?

If your answer is Ghost Busters, we want to wish you all the best and have a nice day. If you answered "TRW", here's the rest of the story.

The U.S. Air Force asked us to build a ground-based electro-optical surveillance system that could identify an object the size of a soccer ball from 22,300 miles in space. We did it, utilizing 3 telescopes and a large computer system. Then they asked us to build four more. Quite an achievement, but it's just one example of TRW's impact on the future.

TRW offers you the freedom to move among a wide variety of opportunities in microelectronics, high energy lasers, large software systems, communications, and scientific spacecraft. If you're majoring in engineering, computer science, math, or physics, and want to be with a company that's driving technology into the next century, it's not too soon to talk. Tomorrow is taking shape at a company called TRW.

If you are unable to see us on campus, please send your resume to: TRW, College Relations, E2/4000, One Space Park, Redondo Beach, CA 90278.

Because Anywhere Else Is Yesterday.

Equal Opportunity Employer
U.S. Citizenship Required

TRW will be on campus Nov. 17
See your college placement office to sign-up.



A Company Called TRW

sports

Head of the Charles draws 200,000

By Anh Thu Vo

An MIT alumnus competed on the winning men's lightweight four team at the 23rd Annual Head of the Charles Regatta last Sunday. In addition, Professor Hartley Rogers Jr. finished second in the veteran singles event, and the MIT varsity women's youth eight finished fourth in their event.

The regatta attracted 200,000 spectators and athletes from as far away as Canada, Mexico, and Germany. They competed along a three-mile course starting at the Boston University Boat House and finishing upstream past the Harvard Boat House. The route contained some treacherous bridges and turns — notably a sharp curve at Weeke's Foot Bridge.

The Ridley Graduate Boat Club won the championship eight event in 14:30.09. The Ridley eight came from the Canadian national team which won the 1984 Olympic Gold Medal in the same event.

The women's championship eight event was won by the Boston Rowing Center's team in

16:18.30. The Boston Rowing Center is the national training center designated by both the US Rowing Association and the US Olympic Committee.

The MIT varsity men's crew team had only two entries, a championship four and a lightweight eight. While the men's lightweight four event was officially listed as being won by MIT, the crew is really the national men's team, with Sy Danborg '78 being the only rower from MIT. They won the race in 16:48.28, edging out the fours from London Rowing Club (Canada, 16:58.38) and the Viking Rowing Association (New Jersey, 17:36.23), which finished second and third respectively.

The varsity women's crew team had four entries, a championship eight, a championship four, a lightweight four, and a youth eight. The graduate women's team also entered in the lightweight eight event.

Professor of Mathematics Hartley Rogers finished second in the veterans' singles with a time of 19:53.04, about 22 seconds slower than first-place Stuyvesant

Pell of Princeton University Rowing Association. Rogers was competing with the Boston Rowing Club.

Linda Murie '86 finished third in the club singles with a time of 21:28.13. Heather Lafferty of St. Catharines Rowing Club (Canada) won the event in 20:55.80 while Eleanor Acworth of Boston Rowing Club finished second in 21:04.07. Murie was competing with the Boston 'T' Club.

The MIT varsity men's championship four finished tenth with a time of 17:31.88. The University of Western Ontario's four won the race in 16:32.28.

The MIT varsity men's lightweight eight finished 16th in 15:58.37. Vesper Boat Club's entry won the event in 15:02.75 while Harvard and Yale finished fourth and fifth respectively.

The best showing on the varsity women's team was the youth eight who finished fourth in 18:33.65, behind Mount Holyoke (18:31.18), Cornell (18:24.18) and Yale (17:36.71). MIT might have taken second place if it had not been cut off at the Weeke's Foot

(Please turn to page 23)



Mark S. Abinante/The Tech

The women's crew tests the new John B. Miller '74 shell after its dedication during the Head of the Charles regatta. See photo essay page 13.

Men's water polo finishes fourth in tournament

By John Carey

The MIT water polo team traveled to Annapolis on the weekend of Oct. 10 to participate in the Eastern Varsity Water Polo Tournament. The team, MIT's best in years, had high hopes, but in the end, fell short with one win and two losses.

The first game was against hometown rival Boston College. MIT looked very strong in the first half and was able to compile a 5-1 lead. B.J. Bergevin '91, Mark Edelson '91, and Will Schorr '88 scored MIT's goals.

But bad luck set in during the second half. Two of MIT's starting players, Schnorr and Can Uran '91, were ejected in the third quarter due to foul trouble. After many MIT mistakes and turnovers, Boston College tied the game 6-6 and sent it into overtime.

Two minutes into the overtime period, MIT's starting hole man Robert Berje '89 was ejected as well for foul trouble. With three starters out of the game, the chance for an MIT victory was bleak. But the team pulled together and met the challenge. In

the second overtime period, team captain Duncan McCallum '87 scored two goals, sealing a 9-8 victory for the Beavers.

The second game was against the cadets from West Point. After the first five minutes of the game, it was evident that MIT was headed for a loss as Army racked up a 4-0 lead. The Beavers lacked intensity and confidence in their play, which led to many mistakes during goal scoring opportunities. But Max Ochoa '91 and Mark Edelson '90 were able to score goals for MIT. The final score was 12-3, West Point.

MIT's then faced Slippery Rock to determine third place in the tournament. MIT seemed to have control of everything but the scoreboard. The first half was dominated by MIT's tough defense and well-administered offense. But due to two Slippery Rock fast breaks the Beavers were down 3-1 at halftime.

MIT was able to tie the game at four in the third quarter with goals by Schnorr, Bergevin, and Keoki Jackson '91. But MIT once again began to play sloppily. Slip-

pery Rock, playing heads-up polo, took advantage of Beaver mistakes with two goals to give them a 6-4 victory.

Although MIT only won one game, the team was able to finish fourth, beating its seventh place seed. The Beavers' next contest is at the New England Varsity Water Polo Tournament at Brown on October 24-25.

(Editor's note: John Carey '90 is a member of the men's water polo team.)

Do you like talking on the phone?
Winning prizes?
Eating pizza?



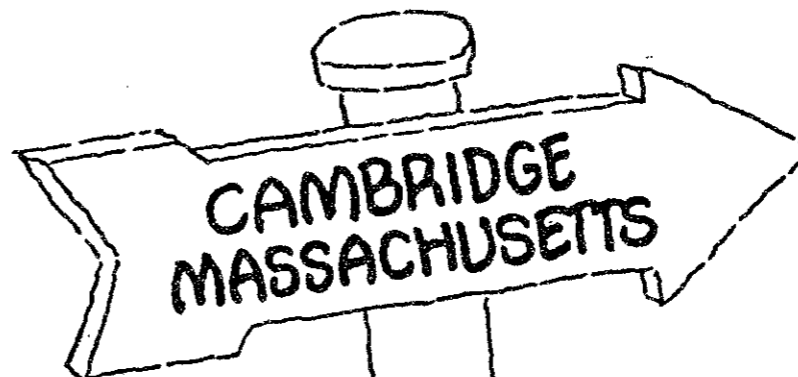
Bring your friends,
come to the Bush
Room (10-105) to
call Alumni and
Alumnae at

THE STUDENT FINANCIAL AID TELETHON

MONDAY, TUESDAY &
WEDNESDAY
OCTOBER 26-28
6-10 P.M.

Contact Barbara Peterson at 3-8200 or come by
10-140 to sign up or get more information.

BBN IS TELLING GRADUATES WHERE TO GO...



For exciting careers, challenges, growth, and opportunities to work with clients and technologies that are eclipsing the rest of the world. You could be working with some of the sharpest scientific minds in the areas of computer/information and physical sciences, voice/data

communications networks, scientific applications software, and parallel processing.

So if you're an E.E., C.S., Applied Math or Physical Sciences Graduate (or soon to be one), we'd like a chance to tell you where to go. We are an Equal Opportunity Employer M/F/V/H.

Bolt Beranek and Newman Inc.

Come to our interview
at MIT on November 2nd.



A REMINDER

FROM PROJECT ATHENA

Your old files
from your former timesharing account
are scheduled for
DELETION on November 1

For information about copying your old files to
your new NFS locker:

- Read *The New Athena System* (available in 11-112)

or

- Ask a consultant. (11-115 or call x3-4435)