

Dean for Student Life to be Named Today by Williams

By David D. Hsu
NEWS EDITOR

A new dean for student life will be named today by Dean for Undergraduate Education and Student Affairs Rosalind H. Williams.

The appointment is a continuation of the search for the dean for undergraduate education and student affairs, which culminated in Williams' appointment in June to replace outgoing Dean Arthur C. Smith.

The new dean will take office before the end of this semester, Williams said. Following the appointment, Williams will be dean for undergraduate education.

Williams declined to comment on the identity of the new dean in advance of today's announcement.

However, Dean for Undergraduate Academic Affairs Travis R. Merritt said that the person is from outside of the Institute.

Professor Lawrence S. Bacow, chair of the faculty, said that he had heard that the dean was a woman who has previously worked at Harvard University and Duke University.

Two deans to report to Williams

The selection of the new dean will not mean a split in the dean's office, Williams said. Instead, the dean for student life, along with dean for undergraduate academic affairs, will report to Williams.

The new dean was created because Smith's position was such a

Dean, Page 20



An MIT player heads the ball during this weekend's soccer match against Western New England College. MIT won, 4-0.
JIRI SCHINDLER—THE TECH

Peace Prize Honors Pugwash; Several from MIT Affiliated

By Shang-Lin Chuang
NEWS EDITOR

The Pugwash Conferences on Science and World Affairs, which include at least six people affiliated with MIT, was awarded this year's Nobel Peace Prize on Friday.

Joseph Rotblat, one of the founders of Pugwash, shared the million-dollar prize with the organization. Pugwash, named after the town in Nova Scotia where the first conference was held in 1957, grew out of a manifesto drafted in 1955 by Albert Einstein and British philosopher Bertrand Russell.

The Russell-Einstein Manifesto called upon the scientists of the world to consider the social and ethical implications of their work.

The Nobel Committee cited the Conferences' "efforts to diminish the part played by nuclear arms in international politics and in the longer run to eliminate such arms."

The Conferences are based on the recognition of the responsibility of scientists for their inventions. They have underlined the catastrophic consequences

Nobel, Page 17

Food Services Contract Extended

By A. Arif Husain
ASSOCIATE NEWS EDITOR

The Department of Housing and Food Services has decided to issue a one-year contract extension to Aramark, MIT's food service provider, while HFS determines "what the Institute wants in the way of a dining service," Senior Vice President William R. Dickson '56 said.

The need to review Aramark's contract comes as part of the start of the re-engineering of student services effort, the latest installment in the administration's Institute-wide program to cut waste and improve quality of services.

HFS Director Larry E. Maguire said that he recommended an extension of the contract to allow time for "all debates and information to get

clarified [so that] we are in a position to make the best deal with a contractor."

Aramark's contract expires this June, so the extension will allow Aramark to manage food services until June 1997. At that point, MIT will choose from among Aramark and several other food service companies.

Aramark, Page 17

Alumnus Wins Suit For Athletic Injury

By Jennifer Lane
ASSOCIATE NEWS EDITOR

Garret M. Moose '91, who sustained severe injuries following a pole vaulting accident four years ago and was expelled by MIT after a computer theft incident in 1991, was awarded \$600,000 in damages from MIT by a Middlesex Superior Court jury last week.

Coaches Paul Slovenski and Halston W. Taylor were named along with MIT as defendants in the suit and were found to be negligent by the jury.

"It is too early to say what MIT's next steps will be," said Director of Insurance and Legal Affairs Thomas R. Henneberry.

Although the pole vaulting pit that Moose used was itself sound, "the allegations were that we did not use supplementary padding around the back and sides of the pit," Henneberry said.

The athletic department "never considered that we had any unsafe conditions, but the pole vaulting pit used by Mr. Moose has since been replaced by a newer, larger pit," Henneberry said.

The pit was replaced in 1992, a year after Moose sustained his vaulting injuries.

Moose fractured back of skull

In an interview shortly after his hospital stay in 1991, Moose said that his fall had fractured the back of his skull, causing a large primary contusion, or bruise, on the back of his brain and more than 30 secondary contusions on the frontal and temporal lobes.

The contusions created pressure that caused him great discomfort from loud noises.

Moose said that he felt no lasting effects of the fall, except for occasional pressure on his eyeballs and inner ears, which was supposed to disappear with time.

Following the accident, Moose spent two weeks at Massachusetts General Hospital before being transferred to the Spaulding Rehabilitation Hospital for five days.

Moose was cleared by doctors at the MIT Medical Department and

the sports medicine staff. He was allowed to begin light training and later went on to compete in athletic events with the help of a protective helmet. Moose was on the varsity track and football teams.

Moose's attorney, James McCarthy, declined to comment on the case, stating that the case was still "live litigation."

Moose expelled for theft

Moose was expelled along with John S. Fortunato '91 in 1991 for allegedly stealing over \$70,000 in computer equipment from MIT and installing it in the Phi Gamma Delta house.

Moose and Fortunato had the option of petitioning for re-admission to MIT after June 1, 1995.

Fiji was put on a three-year probation following the incident. In response, the national organization of Fiji conducted a membership review and created a set of objectives in order to address the thefts. Fiji also vowed to maintain closer ties with its alumni and the national representatives.

Moose could not be reached for comment.

INSIDE

■ MIT sued for radiation experiments. *Page 9*

■ Writing program raises standards; more fail exam. *Page 11*

■ MIT Medical switches hospitals. *Page 13*

■ Robotuna research project studies real fish movements. *Page 13*

■ Police Log. *Page 15*



Stephanie M. Malfert '97 scores against Mt. Holyoke during Saturday's 4-3 field hockey victory.
JIRI SCHINDLER—THE TECH

WORLD & NATION

Rabin Visits Ambush Site; Major Retaliation Not Expected

LOS ANGELES TIMES

JERUSALEM

Prime Minister Yitzhak Rabin on Monday visited the site in southern Lebanon where six Israeli soldiers were ambushed and killed the day before by Lebanese guerrillas, as government ministers here predicted that Israel will refrain from unleashing a massive retaliatory attack.

Rabin took the unusual step of traveling on a Jewish holiday, going by helicopter to inspect the scene at the village of Aishiyeh as Israelis observed the one-day festival of Simhat Torah. A nearby outpost of Israel's ally, the South Lebanon Army, came under attack a few hours after Rabin left.

Sources in southern Lebanon said that Muslim guerrillas fired rocket-propelled grenades into the Sojod outpost, in the eastern part of Israel's self-proclaimed security zone. Israel Radio said that two SLA militiamen were wounded and that Israeli and SLA troops returned fire. There were no reports of Lebanese casualties.

Rabin called an emergency Cabinet session for Tuesday to discuss the situation in southern Lebanon. But two ministers believe the session is not intended to authorize any large-scale assault.

"Nothing dramatic, no," said Health Minister Ephraim Sneh, a former commander of Israeli forces in southern Lebanon. "The name of the game is not retaliation. It is ongoing combat, not a game of hit and counterhit. Whenever we can hit them, we do."

Ruling Party, Leftists Lose Ground in Chiapas Voting

LOS ANGELES TIMES

MEXICO CITY

Mexico's long-ruling Institutional Revolutionary Party suffered another symbolic election defeat Monday, losing the mayor's office in the strategic state capital of Chiapas. But preliminary results from local elections in the strife-torn southern state appeared to deliver their worst blow to the nation's political left.

In a state where popular sympathy for an indigenous revolt by native Mexicans was expected to garner wide support for the left-leaning Democratic Revolution Party, it was the ruling PRI that was sweeping to power in the scores of the towns and villages it has controlled with an iron grip for decades.

Early returns from the largely peaceful polls showed the ruling party leading in about 60 of the 109 municipalities where mayoralties were at stake; the populist PRD led in just 14, and the rest were too close to call. PRI candidates also were ahead in the majority of the races for the state's 40-seat legislative assembly.

The worst defeat for both parties, though, came in Tuxtla Gutierrez, the state capital, where the PRD was headed for a distant third. There, the candidate of the opposition National Action Party was leading by a two-to-one margin over the ruling-party's candidate, an emerging victory in the most important contest of the day and one that appeared to bolster the national image of the conservative PAN, Mexico's largest opposition party.

GOP or Nothing, Buchanan Says

THE WASHINGTON POST

It's a rare instance when conservative commentator Patrick J. Buchanan leaves an audience confused about where he stands, but it happened last week when the GOP presidential candidate seemed to open the door to running as an independent if he does not win the Republican nomination next year.

Since then, Buchanan has been trying to set the record straight. "My intent and expectation is I'm going to be endorsing and supporting the Republican nominee in 1996 because I always have," he said in an interview.

Buchanan said the confusion might have occurred because he talked about seeking the endorsement of Ross Perot's new Independence Party and other splinter parties that exist around the country. But he said he was trying to describe a situation under which he, as the Republican nominee, would seek to bring those voters into the GOP.

"There's no reason why all of them couldn't rally behind my candidacy," he said. "If we did that, even people who disagree with Republicans could vote for me on another ballot. That's the whole idea—not me dropping out here and going after another nomination. I don't intend to. I intend to go right to the convention."

WEATHER

Typical Fall

By Gerard Roe
STAFF METEOROLOGIST

Unseasonably strong cyclones developing and riding along the jet stream sitting to the north of Boston characterize the current weather picture. As the most recent system slips off east today, descending air in its wake will give clearing skies. Warmer air will approach from the southwest tonight, giving perhaps a cloud or two. The warm air will hang around for Wednesday only. In the outlook, rain is beginning to look possible for Friday. Roxanne is hanging on in the gulf almost stationary. While it is not a threat currently to the U.S., Mexico continues to receive a lashing from the rains and storm surges associated with the system.

Today: Clear and mostly sunny, but still staying brisk. Gusting winds from the west. High 61°F (16°C).

Tonight: More southerly winds and a few scattered clouds will keep temperatures up a bit. Low 49°F (9°C).

Wednesday: A mixture of sun and clouds. Southerly winds. High 68°F (20°C). Low 50°F (10°C).

Thursday: Cold front passing early. High 63°F (16°C). Low 46°F (8°C).

Million Man March Draws Several Hundred Thousand

By Sam Fulwood III
and Marc Lacey
LOS ANGELES TIMES

WASHINGTON

In a moving display of pride and mutual support, hundreds of thousands of black men stood shoulder to shoulder in a crowd that stretched from the Capitol to the Washington Monument and beyond Monday as speakers at the Million Man March urged them to dedicate their lives to curing the ills afflicting black America.

Basking in the racial solidarity of attending the largest gathering of African Americans in the nation's history, participants embraced each other and the march's theme of "atonement" to create an event significantly different from civil-rights protests of the past.

As many of the speakers and numerous participants made clear, Monday's assemblage was sharply focused on what black men should do for themselves, not what others should do for them. Unlike past Washington demonstrations — such as the historic 1963 March on Washington, where 250,000 people heard Dr. Martin Luther King Jr.'s passionate "I have a dream" speech — few of Monday's speakers appealed to government for help.

"Today, we ask nothing of the government," Baltimore Mayor Kurt Schmoke said before a crowd officially estimated at 400,000, but "we ask everything of ourselves."

And the march's primary organizer, Nation of Islam leader Louis Farrakhan, delivered a searing demand for self-discipline in a more than two-hour speech at the end of the day.

"We cannot continue the destruction of our lives and the destruction of our communities," Farrakhan said to cheers and nods of agreement. Black men must stop the "death of the babies by the senseless slaughter" in black neighborhoods, he said, calling on members of the

crowd to pledge never again to commit violence, use drugs, abuse women or children or otherwise degrade themselves or their community.

Rosa Parks, whose refusal to give up her bus seat in Montgomery, Ala., marked a turning point in the civil-rights struggle and who was one of several women to address the march, urged black men "to make changes in their lives for the better."

While such messages of blame and demands for improvement often quieted the crowd, they did not stifle its remarkable sense of warmth and community.

"I don't see no strangers here," declared George Grover, a mechanic from Virginia Beach, Va., who passed through the crowd offering handshakes to everyone he met. "These are my brothers. We might have been strangers, but I've been telling everyone: 'Hey, man! I'm your brother, George.'"

Although the march had become ensnared in a controversy that divided both blacks and whites, primarily because of Farrakhan, the day's events were marked by messages of peace, reverence, celebration and optimism.

Even Farrakhan suggested the time might have come for him to sit down with leaders of the Jewish community, whom he previously had denounced as "bloodsuckers" and who had denounced him as anti-Semitic.

Away from the Mall, critics continued to denounce Farrakhan and some prominent blacks remained ambivalent about the event.

President Clinton, in a speech in Austin, Texas, that focused on race relations, referred to Farrakhan, saying "1 million men do not make right one man's message of malice and division. No good house was ever built on a bad foundation."

House Speaker Newt Gingrich (R-Ga.), commenting during a trip

to his home state, called Farrakhan "an unrepentant bigot" and predicted he would draw strength and legitimacy from the march.

And Colin Powell, the former chairman of the Joint Chiefs of Staff and a possible presidential candidate, expressed the ambivalence that many black leaders had felt about the event because of Farrakhan's role:

"If I was there, I would be torn between the opportunity to present a message of family and reconciliation to the group," Powell said in New York. "But at the same time, I would be a little reluctant to lend too much credibility to his (Farrakhan's) leadership of the event."

The prospect of so many black men massing together had spread a measure of anxiety throughout the Washington metropolitan area — anxiety about snarled traffic.

Indeed, so many people stayed away from the downtown area that normally busy streets and expressways were all but deserted.

Yet as a testament to the good feelings that permeated the rally, law enforcement officials spent much of the day with little police work to do. By midafternoon, D.C. Metropolitan Police and U.S. Park Police said they had made three arrests for unlicensed vending. In addition, police said they received a telephone bomb threat, which was traced to a pay telephone, and an arrest was made in that incident.

The idea for the Million Man March first surfaced last year, shortly after its co-organizer, the Rev. Benjamin F. Chavis Jr., was ousted as executive director of the National Association for the Advancement of Colored People. Farrakhan and Chavis said at the time they would attempt to lead 1 million black men in a march on Washington during a "holy day of atonement" for the sins that black men have committed against themselves and their communities.

Women Divided Over March's Deliberate Exclusion of Them

By Marlene Cimonis
LOS ANGELES TIMES

WASHINGTON

Cheryl McCrimmon of Washington heard Nation of Islam leader Louis Farrakhan's message for women to stay home, but chose to ignore it, feeling that her 9-year-old son, Ray, had to be here — because his father wasn't.

"Somebody had to bring him," she said, squinting into the bright sunshine of a brisk fall morning. "I don't know where his father is," she added, shrugging her shoulders. "But isn't that what all this is about? Black men taking responsibility for their families?"

McCrimmon said she deliberately brought Ray, a fourth-grader, in order to expose him to a positive image of the black man — different from the only one he knew.

Although a number of women were sharply critical of the march's deliberate exclusion of them, others were more understanding — and even supportive — of the approach. Black men are confronting a staggering, painful array of problems — from crime, drugs and violence, to unemployment and hopelessness — and must find the strength within themselves to overcome them, many of the women said. And the long common struggle against racism always has had more immediacy within the black community than other battles, such as sexism.

"America and the world needs to

see our men assert their unity, strength and commitment to their families," said C. Delores Tucker, chair of the National Political Congress of Black Women. "The present social, economic and spiritual crisis in black urban America demands that we put aside our ideological and political differences. ...

"This is a cause which I hope will be turned into a hurricane force to rid our communities of denigrating music, violence, drugs and crime," she added. "The world needs to see black men standing straight, marching tall and dedicated to assuming their rightful place in this nation and the world."

But if Tucker — a veteran civil rights activist and feminist — could transcend the exclusionary vision laid out by Farrakhan and his supporters for the event, other prominent women's leaders could not.

Critics — among them Angela Davis, former Black Panther and now college professor, and Marcia Gillespie, editor-in-chief of Ms. Magazine — denounced the march as degrading to women.

"The call of this march was a call that was blatantly sexist," Gillespie said. "Listen carefully to what the leaders of this event are saying: 'we've been bad masters, now we're going to be good ones.' Many women have said to me: 'C'mon girlfriend, don't rock the boat. This is a start.' But I also think there are great numbers of women who have

been made profoundly uncomfortable by this march."

And Davis said: "No march, movement or agenda that defines manhood in the narrowest terms and seeks to make women lesser partners in this quest for equality can be considered a positive step. ... There are ways of understanding black masculinity that do not rely on subjugating women."

At the Mall, however, many of the women who came did so not to protest Farrakhan's edict, but to show an unusual display of solidarity with the men.

"I don't feel excluded at all," said one woman, who refused to identify herself. "This is something by the men and for the men — something they need to do."

Lisa Powell, a graduate student at George Washington University, said she came to support the opportunity presented by the march to enable black men to come together in an atmosphere of warmth and love that could help dispel negative images long held of them by white America.

"This is the time for them to say: 'we're not like this, and we don't want to be thought of like this, as violent, or drug addicts or thieves,'" she said. "This is a unification of all African-American men, for them to take their rightful place in our community as well as in society. The message to America is that we are human — just like everyone else."

High Court to Decide if Talks With Counselors Are Privileged

By David G. Savage
LOS ANGELES TIMES

WASHINGTON

The Supreme Court said Monday it will decide whether conversations with psychotherapists and counselors can be kept out of federal court, an issue that has arisen recently in cases as varied as those involving police brutality, child abuse, and Medicare fraud.

Nearly every state says by law that conversations with therapists and counselors are privileged and cannot be forcibly disclosed in state court proceedings. But no such rule exists in federal court, and attorneys say most federal judges have refused to shield sessions with psychotherapists and counselors from disclosure in federal court.

The justices agreed to review a police brutality trial in Chicago in which a federal judge tried to force a female officer and her counselor

to reveal their private conversations in the weeks after the officer shot and killed a suspect.

When the officer and the counselor refused, the judge told the jurors they can assume the two had something to hide. The jury then returned a \$545,000 verdict against the officer and her department.

"If you can't trust a counselor 100 percent and know that what is said will be kept confidential, no one will open up. They were fishing for anything that might show the officer gave inconsistent accounts of what happened," said Chicago attorney Gregory Rogus, who defended the suburban Hoffman Estates Police Department.

The case began on June 27, 1991, when the officer, Mary Lu Redmond, was called to an apartment complex because of a reported fight. When a man came running out of the building with a knife and

moved to stab another man, she shot and killed him.

The dead man's family said the shooting was unjustified and the butcher knife found at the scene was "planted" by the police.

Kenneth Flaxman, the Chicago attorney who represented the dead man's mother in her damage suit, said the officer gave a clear account of the incident only after repeated visits to a counselor who was employed by the police department.

"We said this raises a concern about synthetic memories," he said. He referred to an issue that has arisen in sexual abuse cases in which, some experts say, a victim's memory can be shaped by conversations with a therapist.

U.S. District Judge Milton I. Shadur, who tried the case, agreed that conversations with a psychiatrist or a clinical psychologist could be shielded.

Hamas Ready to Reach an Accord And Suspend Armed Operations

By Barton Gellman
THE WASHINGTON POST

GAZA CITY

Hamas, the leading Palestinian voice of unyielding war with Israel, is poised to suspend its "military operations" and field candidates for election to a new legislature created by agreement with the Jewish state, according to senior Hamas leaders and a draft agreement with Yasser Arafat.

Mere contemplation of such an accord — albeit not with Israel but with Arafat's Palestinian Authority — marks a stunning turnabout for the Islamic Resistance Movement. Hamas has stood foursquare against the peace deal with Israel and used suicide bombings to make good on a charter describing "every inch of Palestine" as its indivisible goal and "death for the sake of God" its most

coveted desire.

The shift, expressed in interviews with senior Hamas leaders here and in the text of a draft accord with Arafat, reflects the Islamic movement's profound loss of strength in the past six months.

A crackdown by Arafat and a sharp decline in street support have left Hamas with many of its local leaders dead or jailed, its newspaper closed, and its mosque preachers submitting Friday sermons to police censorship. The Palestinian public, increasingly pragmatic as the fruits of self-rule grow, gives Hamas a political market share of 11 percent in an opinion poll released last week — down from nearly 40 percent in less formal surveys two years ago and 18 percent from the same pollster, the Jerusalem Media and Communication Center, in June.

Many Hamas leaders, according to Palestinians who watch them closely, now fear irrelevance more than compromise and are unwilling to opt out of the first democratic contest for power in Palestinian history. The vote could come as early as Jan. 22.

"Hamas is coming to Arafat from a position of absolute vulnerability," said psychiatrist Iyad Sarraj, a political independent who chairs a Gaza-based commission on citizens rights. "People are starting to think for the first time that this peace treaty is really serious. We are moving toward the West Bank. Hamas was living on the despair of the people, and I think they understand that they are on the fringe."

Thursday will see the first issue in months of *Al Watan*, the previously banned Hamas weekly.

Women in Congress, Others Appeal to Welfare Conferees

THE WASHINGTON POST

WASHINGTON

Nearly half of the women in Congress urged lawmakers drafting a final welfare bill Monday to provide enough money for child care and require states to continue to shoulder a fair share of the responsibility for helping the poor.

The 26 female legislators, in a letter to the members of the House and Senate conference committee on welfare, said that they have a "particular interest" in the issue because roughly 90 percent of the families on welfare are headed by women. They asked the conferees to keep intact the school lunch program, nutrition aid for pregnant women and babies, foster care and adoption assistance.

The House and Senate have passed differing bills to overhaul the nation's welfare programs by turning them over to the states to run and providing a lump sum payment called a block grant. The House has named its conference members to work out differences between the bills; the Senate may do so Tuesday, according to a Finance Committee spokeswoman.

The House would cut off SSI cash assistance to more than 200,000 children and replace it with vouchers for medical goods and services. Many members say the program has been abused. The Senate would retain cash assistance for more children.

Soldier May Be Discharged For Refusing to Wear U.N. Colors

THE BALTIMORE SUN

WASHINGTON

A U.S. Army soldier who refused to wear the blue insignia of the United Nations has declined his commander's offer of administrative punishment, opening the way for a possible court martial or his discharge.

Spec. Michael New appeared before Lt. Col. Stephen Layfield, commander of the 15th Infantry Battalion, in Schweinfurt, Germany, Monday and rejected non-judicial punishment, a lesser form of military discipline than a court martial.

The 22-year-old medic told the officer he wanted legal representation and a public hearing, according to his legal adviser in the United States. The Army will now have to decide what to do with him.

His claim that he enlisted to serve in the U.S. Army, not the United Nations, has attracted support from more than 40 conservative Republicans in Congress.

The Congressmen have written to President Clinton demanding the administration's legal and constitutional authority for ordering U.S. troops like specialist New to serve under U.N. colors and officers.

Retired Marine Lt. Col. Ron Ray, a Kentucky attorney who is the New family's legal adviser, said the Army initially began processing New for administrative discharge after he refused to wear the blue U.N. patch and cap last week. His 550-member unit is being deployed on a U.N. mission to Macedonia, a republic of the former Yugoslavia, later this month.

The Army abruptly suspended the discharge proceedings last week and offered him non-judicial punishment under Article 15 of the Uniform Code of Military Justice.

Graduate Student Council

Next meetings:

HCA Oct. 17, 5:30
Yearbook Oct. 19, 5:30
Activities Oct. 25, 5:30
General Nov. 1, 5:30

Become a GSC representative. Vote on important stuff.

All you need is 20 signatures (or 20%, which ever is less) of your department, living group or grad students at large.

For more info., email gsc-vice-president@mit.edu.
Get involved -What have you got to lose?

The next issue of the Graduate Student News is going to be published Nov. 15th.

Please send all submissions either by email to gsc-secretary@mit.edu or on disk to 50-222. Submissions must be received by Oct. 25th.

Hey Grad Students!



The Ashdown Halloween Party is coming...



Friday, Oct. 27th!



Be afraid!



MIT RING DAYS

Oct. 17 and 18
noon - 5 PM

at the Coop at Kendall

Save up to \$200 in a program negotiated by the GSC.

IMPORTANT HCA ISSUES FOR TUE. MEETING

Are you aware that MIT grad students don't have their own yearbook? The GSC is working on that! Come to the first Yearbook Committee meeting 5:30 pm Thurs. Oct. 19 in 50-222. Dinner will be served.

We need students to photograph and/or contribute photos of departmental and grad activities.

You'll be able to send home visual proof that you actually work and play at MIT and you'll have something to remind you of all those years (and years and years.... on second thought....)

weeknight grocery shuttle, parking, MIT card access and much much more!

All Graduate Students are invited to all our meetings. Most are held at 5:30pm in 50-222 and dinner is served.

Stay informed about all our events! Check out our web page <http://www.mit.edu:8001/activities/gsc/gsc.html>

Add yourself to our mailing list by sending email to gsc-request@mit

Questions, comments, ideas? Give us a call at 3-2195 or send email to gsc-admin@mit

OPINION

Institute Must Consider All Food Options

The Department of Housing and Food Services has decided to extend Aramark's five year food service contract one more year, primarily to review food service options, consider student input, and prepare to take bids. We endorse this strategy. Student input is indeed essential to the success of this process. Furthermore, during this year of discussion, MIT should attempt to resolve the many problems associated with the current food service monopoly by finding a reasonable alternative.

There are few issues as basic to student needs as food services. Students obviously want the best food at the lowest prices, and they know more about their preferences than anyone else. Their input is clearly needed, and it is high time the Institute recognized this. Now that Housing and Food Services has decided to engage students and their leaders in a joint planning process, the ball is in the students' court. Without their vigorous participation, there is little chance MIT will find an acceptable way of serving them.

It is also critical to seek student participation in the right way. Existing student groups should be consulted as often as possible, and their ideas should be given ample consideration.

One of the major problems with the current system is that whoever wins the bidding process is allowed to establish a five-year monopoly. Experience has demonstrated that Aramark feels little accountability to students or their leaders. Aramark

has cooperated poorly with student groups seeking to reinstitute dormitory dining halls. During the years when Aramark was in the red, it demanded unacceptable solutions to its problems such as mandatory meal plans. Finally, without competitions, Aramark has had little incentive to improve its product, except when their contract is up for grabs. MIT's bad experience with Aramark demonstrates problems of price, quality, and accountability inherent in a monopoly.

There must be an alternative to the Aramark monopoly. The student center has room for a host of small food outlets, as does the floor of Walker Memorial. Instead of having one large corporation attempt to handle all of these facilities at once, there could be competition among a number of small, diverse vendors. MIT should consider offering a multiplicity of small concessions, without guaranteeing a profit. A system like this might mean more paperwork for administrators, but the potential benefits for students could be huge.

During the upcoming year, it is imperative that students and administrators cooperate to find creative ways to replace the current dining system. HFS has taken a good first step in planning for student input. The administration should now be prepared to consider a wide variety of plans for campus dining, including those that embody radical change.

Letters To The Editor

GAMIT Poster Vandalism Intolerable

The vandalism directed against the Gays, Lesbians, Bisexuals, Transgenders, and Friends poster and Lobby 7 pillar comment sheets cannot be tolerated ["GAMIT Posters Vandalized; Classified as 'Hate Crime,'" Oct. 13]. We invite those who might have information about these acts to speak with the Campus Police or some other member of the community in a position to act on behalf of MIT.

A strong community can be measured by its treatment of those of its number who are vulnerable for any reason. Those who write "Kill the faggots" strike at the heart of this community and our response will be a measure of our collective strength. More importantly these hateful words strike at our brothers and sisters. We condemn those who have used them.

At the same time we believe that civility can be taught and those so callous as to deface these posters can learn tolerance. Our ultimate goal is not to punish those who have acted so unwisely. It is to remind them that in a community of scholars, learning is wise only to the degree that it is also humane.

The Office of the Dean for Undergraduate Education and Student Affairs

Simpson Evidence Demanded Acquittal

Seth Hollar '96 and Jeremy L. Warner '99 ["Rhetoric Triumphs over Justice in Trial," and "Simpson Verdict Proves Judicial System Ineffectual," Oct. 6] should follow their own suggestions to think logically about the O. J. Simpson trial, rather than automatically assuming Simpson's guilt in the murders and dismissing the issues raised by the defense as mere rhetorical or emotional balderdash. The jury acted reasonably in coming to its conclusions.

Does Hollar really believe the issue of planting evidence to be mere rhetoric? Does he really believe "If it doesn't fit, you must acquit" to be a mere catch phrase? I would like to suggest an alternative possibility: If the glove didn't fit, then it wasn't Simpson's glove. It's possible that Simpson was faking

when he had trouble putting on the glove. Or it might have shrunk while in police custody. But the prosecution must establish that either occurred; until they do, it casts a strong doubt about the evidence of the gloves.

It seems just too pat to find one blood-speckled glove at the scene of the crime and the other outside the entrance to Simpson's house. I have seen other hints that evidence was planted. Blood stains were found at Simpson's entry-way only weeks after the crime, but the detective claimed that he didn't search that area until then. Early in the trial, Judge Ito blasted the prosecution for dissembling or lying about investigators' motivations for initially breaking into Simpson's house. Some DNA tests weren't performed until many weeks after police had the material.

There were also at least two smoking guns: After drawing a vial of Simpson's blood at the

police station, Officer Vannatter took the blood and drove around, eventually taking it to Simpson's house, before returning the blood to the police station. The vial contained less blood after the journey than was recorded in the documentation when the blood was extracted. The second smoking gun is that someone broke into Simpson's car while it was in custody in the police station.

We also have Mark Fuhrman's tapes, where he talks about his hatred for "niggers," calls for lining up all blacks in the city government to be shot, tells about planting evidence, and brags about beating blacks on the street. Fuhrman denied under oath that he had used the word "nigger" in the past ten years. He used the word over forty times on the tapes. Recall that Fuhrman was a primary

Letters, Page 5



Opinion Policy

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

Dissents, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

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

Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters and cartoons must bear the author's signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. We regret we cannot publish all of the letters we receive.

To Reach Us

The Tech's telephone number is (617) 253-1541. Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: ads@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, arts@the-tech.mit.edu, photo@the-tech.mit.edu, circ@the-tech.mit.edu (circulation department). For other matters, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person.



Chairman

Scott C. Deskin '96

Editor in Chief

Daniel C. Stevenson '97

Business Manager

Christine Chan '98

Managing Editor

Jimmy Wong '97

Executive Editor

Ramy A. Arnaout '97

NEWS STAFF

Editors: Stacey E. Blau '98, Shang-Lin Chuang '98, David D. Hsu '98; **Associate Editors:** A. Arif Husain '97, Christopher L. Falling '98, Jennifer Lane '98, Venkatesh Satish '98; **Staff:** Eva Moy G, Charu Chaudry '96, Deena Disraeli '96, Oleg D. Drozhinin '97, Ifung Lu '97, Sam Hartman '98, Raymond W. Hwang '98, Don Lacey '98, Angela Liao '98, Brett Altschul '99, Orli G. Bahcall '99, Yaron Koren '99, Carina Fung '99, Dan McGuire '99; **Meteorologists:** Michael C. Morgan PhD '95, Gerard Roe G, Marek Zebrowski.

PRODUCTION STAFF

Editors: Teresa Lee '96, Michelle Sonu '96, Saul Blumenthal '98; **Staff:** Amy Hsu '94, Laura DePaoli '97, Christine J. Sonu '97, Warren Chang '98, Larry Chao '98, Susan J. Kim '98, Yun-Ju Lee '98, Jennifer Peltz '98, Michael D. Forbes '99, Jason C. Yang '99, Khelga Karsten.

OPINION STAFF

Editor: Anders Hove '96; **Staff:** Raajnish A. Chitaley '95.

SPORTS STAFF

Associate Editor: Bo Light '96; **Staff:** Thomas Kettler SM '94, Darren Castro G, Brian Petersen '96, David Berl '97, Jeremy Cohen '97, Daniel Wang '97, Farhan Zaidi '98.

ARTS STAFF

Editor: Craig K. Chang '96; **Staff:** Thomas Chen G, Teresa Esser '95, Audrey Wu '96, Brian Hoffman '97, Kamal Swamidoss '97, Rob Wagner '97, Hur Koser '98, Stephen Brophy.

PHOTOGRAPHY STAFF

Editor: Thomas R. Karlo '97; **Associate Editors:** Helen Lin '97, Adriane Chapman '98, Indranath Neogy '98; **Staff:** Gábor Csányi G, Rich Fletcher G, Arifur Rahman G, Sherrif Ibrahim '96, Jiri Schindler '96, Lenny Speiser '96, Juan P. Vernon '96, Sharon N. Young Pong '96, Tiffany Lin '97, Carol C. Cheung '98, Justin Ging '98, Rayshad Oshory '98.

FEATURES STAFF

Hugo M. Ayala G, Steven D. Leung '96.

BUSINESS STAFF

Operations Manager: Ricardo Ambrose '98; **Advertising Manager:** Jin Park '96; **Staff:** Mary Chen '97, Jessica Maia '98, Winnette McIntosh '98, Pamela Shade '98.

TECHNOLOGY STAFF

Director: Jeremy Hylton G; **Staff:** Christina Chu '98, Cristian A. Gonzalez '99, Kathleen Lynch.

ADVISORY BOARD

V. Michael Bove '83, Robert E. Malchman '85, Thomas T. Huang '86, Reuven M. Lerner '92, Josh Hartmann '93.

PRODUCTION STAFF FOR THIS ISSUE

Night Editors: Teresa Lee '96, Jimmy Wong '97; **Staff:** Patty Wong '99, Khelga Karsten.

The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January and monthly during the summer for \$20.00 per year Third Class by *The Tech*, Room W20-483, 84 Massachusetts Ave., Cambridge, Mass. 02139-7029. Third Class postage paid at Boston, Mass. Non-profit Organization Permit No. 59720. **POSTMASTER:** Please send all address changes to our mailing address: *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029. Telephone: (617) 253-1541, editorial; (617) 258-8324, business; (617) 258-8226, facsimile. Advertising, subscription, and typesetting rates available. Entire contents © 1995 *The Tech*. Printed on recycled paper by MassWeb Printing Co.

Letters To The Editor

Letters, from Page 4

tapes. Recall that Fuhrman was a primary investigator in this case.

The Fuhrman tapes are just one more confirmation of what I've believed for some time: That police officers routinely lie and perjure themselves, frame innocent people, assault and beat up minorities on the street, or close ranks to cover up their fellow officers' misdeeds. Police culture includes a code of silence as strong as the Mafia's. Blacks who talk about planted evidence and violent cops mostly speak from experience. Whites who deny those incidents mostly speak from ignorance.

I believe I am being extremely generous in saying there is at the very least a reasonable doubt that Simpson committed the murders. A reasonable doubt demands an acquittal. There is a small chance that Simpson was really guilty. If he was, we can blame the prosecution's dishonesty and incompetence for making it look like a frameup, not Simpson's attorneys for any rhetorical excess.

If he was innocent, the murderer is still loose prowling the streets, probably never to be caught. The police are guilty of aiding and abetting the murderer by trying to frame Simpson.

John Morrison PhD '93

Columnists' Complaints Demonstrate Egotism

I generally find *The Tech* to be an informative and enjoyable source of information. Even Jim's Journal has some value to everyday life. That value is difficult to measure, but it has some positive effect on the lives of its readers. That is more than can be said about two recent columns by Seth Hollar '96 ["Rhetoric Triumphs over Justice in Trial," Oct. 6] and Jeremy L. Warner '99 ["Simpson Verdict Proves Judicial System Ineffectual," Oct. 6]. They are poorly supported, draw impossible conclusions, and are hypo-

critical in their condemnation of the legal system.

First of all, both of these articles base their arguments on the premise that O. J. Simpson was guilty. I would venture to say that neither of these two columnist saw all of the evidence or heard all of the testimony. And even if they had, their opinions on his guilt or innocence are no more valuable than those of the jurors. Hollar is especially guilty of this. He writes, "The fact that O. J. Simpson was guilty beyond a reasonable doubt is factually indisputable," and, "A man who murdered two people is now free." These quotes only serve to demonstrate the egotism of the author, thinking that his opinion is fact.

These columnists are complaining about the ineffectual legal system, yet the reason it is ineffectual is that the citizens will not change their opinions about a case when a verdict is reached. For these two legal philosophers, the only appropriate legal system is one that comes up with results that agree with their opinions. Their public dissent from the legal verdict is what actually undermines the system and causes ineffectiveness.

It is disappointing that in a newspaper with as strong a news section as *The Tech*, that the opinions section should be as poor as the last issue demonstrated. Printing two identical opinions about the same topic is not only uninteresting, but is also unbalanced. Surely there are potential guest columnists who have opinions that say something other than the norm.

Bryan P. Adams '99

Editor's note: The Tech welcomes column submissions from the entire MIT community.



ERRATUM

The Tech regrets an error in Friday's opinion section ["Institutional Wisdom Watch," Oct. 13]. The *Counterpoint* reviewer was not debrothered from Zeta Beta Tau; he voluntarily deaffiliated.

TECHNOLOGY

DE Shaw & Co

FINANCE

"D. E. Shaw & Co.

is in the vanguard

of computerized trading."

— The Wall Street Journal

D. E. Shaw & Co. is a small (around 230 employees), highly capitalized (over a half billion dollars in partners' equity), very successful Wall Street firm specializing in various aspects of the intersection between technology and finance. We are now seeking world-class talent in a variety of fields, and are prepared to compensate exceptionally gifted individuals at a level exceeding that of the market.

Please contact Career Services or send your résumé with your GPA and SAT scores to:

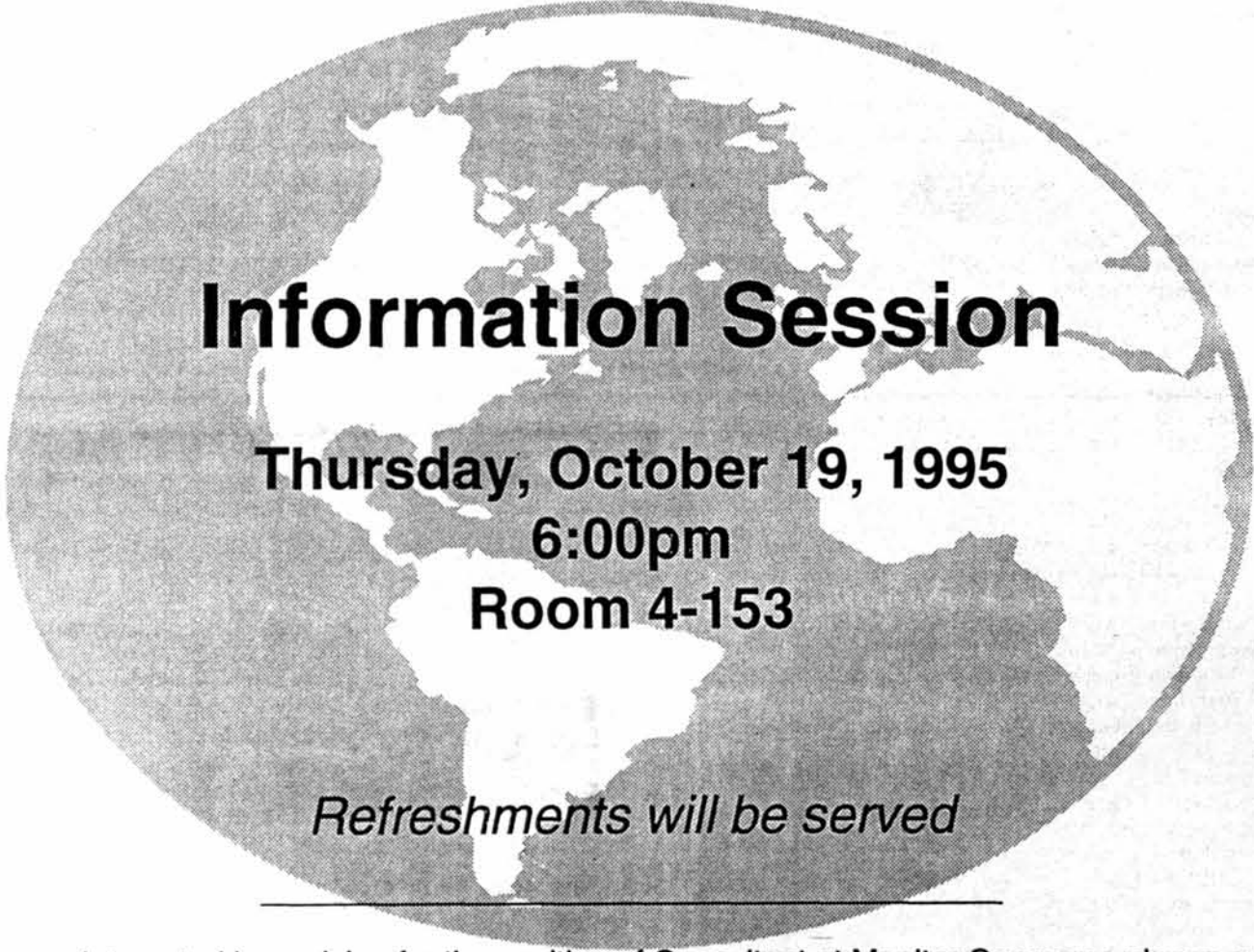
D. E. Shaw & Co.
39th Floor, Tower 45
120 West Forty-Fifth Street
New York, NY 10036
Attn: Strategic Growth
e-mail: recruit@deshaw.com

**Suit and Tie
not Required**

MONITOR COMPANY

STRATEGY CONSULTING

Juniors and Seniors from all majors are invited
to meet with Monitor Consultants at our



Information Session

Thursday, October 19, 1995
6:00pm
Room 4-153

Refreshments will be served

If you are interested in applying for the position of Consultant at Monitor Company, please submit a resume, cover letter, and transcript to the Career Office by **December 4.**

*Alexandra Manley
Recruiting Coordinator
Monitor Company
25 First Street
Cambridge, MA 02141*

AMSTERDAM CAMBRIDGE FRANKFURT HONG KONG JOHANNESBURG LONDON
LOS ANGELES MADRID MILAN NEW YORK PARIS SEOUL TOKYO TORONTO

THE ARTS

Assassins needs better story to complement Banderas

ASSASSINS

Directed by Richard Donner.
Starring Antonio Banderas, Julianne Moore,
and Sylvester Stallone.
Sony Cheri.

By Daniel Ramirez

The name "Stallone" above a title used to assure a movie of being a box office smash. However, over the past few years, that moniker has only assured a movie of mild success. Maybe *Assassins* could be different — with action director Richard Donner, how could this movie have gone wrong? Add to this the Latin superstar Antonio Banderas and how could anything have gone wrong? But where an assassin is always supposed to hit a bullseye, this movie doesn't even come close to hitting a target.

Robert Rath (Sylvester Stallone) is a player in a deadly game, a combatant on a battlefield most people never knew existed. It's a game played in the shadows — existence depends on isolation, leaving no trace, having no contact. Ultimately, the players are

doomed. A bullet is the only way out.

Initially recruited by the urgent cause of the Cold War, Rath did a job for which few men were fit, but there was a strange morality, a sense of right and wrong, which governed it. Glasnost ended that clarity — but not the demand for his talent. It is now a free-lance world where business interests define the playing field. Codes and sense of duty no longer matter, and Rath wants out.

But Miguel Bain's (Antonio Banderas) appetite for the game is still in its ascendancy. Passionate and ambitious, Bain thrives on the cunning of the plan, the thrill of the kill. An avid student of history, Bain knows the profound mark assassins have left on civilization's course and he knows his time has come.

He believes that only one man stands in the way of his destiny; and he knows how Rath took the reins from his own predecessor. Bain intends to make history repeat itself. It's a hard fact, but there's only room at the top for one.

Electra (Julianne Moore) is a surveillance expert, a cunning thief in the information world. She's had to depend on her wits and intuition to succeed in a dangerous world.

Along the way, she's paid the same price as Rath — isolation, paranoia, a nomadic lifestyle — and by now it's impossible for her to interact with people on any normal level. This voyeuristic lifestyle falls far short of fulfilling her; Electra is slipping dangerously deep into the game she's playing. But meeting Rath gives her a chance, just as she becomes his shot at salvation.

These three extraordinary nomads cross paths at one critical instant, looking for something in one another that the outside world can't possibly give. As Rath and Electra struggle to emerge from their shadow world for good, Bain uses an arsenal of deadly skills to become the best in that world.

But Rath has been there before. He's been the best for years; now he's going to use everything history has taught him to help him make his break.

What can possibly be said about this movie? With Richard Donner at the helm, one would expect an action packed film that keeps you on the edge of the your seat. While *Assassins* does have its share of bangs and booms, it offers little as far as plot and depth are con-

cerned. Donner is known for bringing big explosions and lots of action to the screen, but with those movies also came a great story that made the audience feel like they were on a roller coaster. Unlike Donner's other movies, *Assassins* seems more like a kiddie ride. The audience always seems to know what is going to happen next. Then there's Sylvester Stallone. Stallone hasn't been all too lucky at the box office these past few years, and this movie won't help him one bit. His character seemed too one-dimensional and very lame at some points in the movie.

Don't get me wrong, *Assassins* isn't all bad. But about the only good aspect of the movie is Antonio Banderas' character Miguel Bain. Following a memorable performance in *Desperado*, Banderas brings spice and flavor to an otherwise dull and meaningless film. However, not even Banderas can lift this movie out of the hole that it dug itself into. If you like movies on the basis of explosions and nothing else, then *Assassins* is the movie for you. However, if you're like me, and demand a good story, then I recommend that you save your money and go see something else.

H & H, Hogwood, and Levin dazzle with older styles

HANDEL AND HAYDN SOCIETY

Conducted by Christopher Hogwood.
Featuring Robert Levin, Fortepianist.
Symphony Hall.
Friday, Oct. 13

By Hur Koser
STAFF REPORTER

The Handel and Haydn Society opened its 181st season in Symphony Hall last Friday night, with conductor Christopher Hogwood in "A Beethoven Banquet," featuring the brilliant pianist Robert Levin.

A period orchestra and professional chorus, H&H Society is known for their "historically informed performances" (HIPs) on original, period instruments and styles. The organization was founded in Boston in 1815, and gave the first American performances of many Baroque masterpieces, including Handel's *Messiah* (1818), *Samson* and *Solomon*, as well as Bach's *B Minor Mass* and *St. Matthew Passion*. It has become a tradition for the group to give annual performances of *Messiah* in December (this year, it will be the 142nd annual production). Recently they have been presenting different versions of the two and a half-hour long piece, and this year, it is the 1750 *Messiah* (the main difference is the inclusion of a countertenor role).

HIPs are not actually a new concept. The idea became prominent in the mid-1950s, when musical scholars finally began to notice that, two hundred years ago, the orchestra looked quite different. Nevertheless, HIP did not become a widespread phenomenon, simply due to the technical difficulties involved in training musicians on original instruments. Christopher Hogwood, who is the founder and director of the Academy of Ancient Music, is one who decided to pursue the notion of HIP and integrate it firmly into classical music performances. Hogwood has been conducting H&H since 1986, and every single performance under his direction bears particular

emphasis on correct style and instrument selection.

Therefore, performing Beethoven's *Piano Concerto No. 1 in C* with a fortepiano last Friday night was a natural choice for the group. And it is hard to imagine anyone else who would have fitted as perfectly to play the piece than pianist Robert Levin. A recognized Mozart scholar, Levin has been acclaimed, in the United States and Europe alike for his free fantasies and improvised cadenzas. He is particularly famous for his completions of many unfinished Mozart fragments (he most recently finished reconstructing the composer's famous *Requiem*).

Actually, Beethoven had already composed two piano concertos before he came up with No. 1. It seems that he started working on the piece in 1796 and finished it in 1798, when he probably performed in the premiere himself in a concert organized by his teacher Haydn. Beethoven intended the concerto to be a showpiece for his flights of improvisation; it was customary (and financially beneficial) for a virtuoso performer in the Classical era to write concertos for himself to play.

Indeed, improvising the cadenzas in this concerto is technically quite challenging — something that pianist Robert Levin is an expert on. Levin fascinated his audience with his indefatigable concentration last Friday night; he not only played the fortepiano gorgeously, but also kept playing the part of the orchestra in his mind as well. The level of mental communication between Levin and the orchestra was simply remarkable. Levin's piano style is pure, his technique flawless, and his improvisations outstanding. It is no wonder why the audience, with an incessant shower of applause, called him back to the stage over and over again. However, the best part of the performance was when Hogwood had the orchestra play the melody of a familiar party tune: it was Levin's birthday.

Friday night's program also included Beethoven's *Coriolan Overture*, Op. 62 (this

is his only opera overture) and his *Symphony No. 8 in F major*, Op. 93. Beethoven composed the latter simultaneously with his *Symphony No. 7*, but No. 8 premiered two months later than No. 7. It seems that he favored the F major symphony over the A major No. 7; when it was remarked that the Eighth was much less popular than the Seventh, Beethoven replied, "That is because it is so much better." It is probably true that due to their energetic nature, Beethoven's odd-numbered symphonies tend to be more popular than those that have even number labels. Yet, *Symphony No. 8* possesses a certain vitality — its last movement is particularly cheerful, fast and resolving.

It is really a unique experience to hear the

symphony from the H&H orchestra. The only drawback is that the Boston Symphony Orchestra seems to go with the Symphony Hall better — probably because the BSO, with about a hundred musicians playing simultaneously, simply fills the large hall better.

The next performance by the Handel and Haydn Society will be on Nov. 3rd and 5th in Symphony Hall. The program will include Mendelssohn's *Hebrides Overture* and his *Italian Symphony No. 4*; the concert will also feature Charles Neidich on the clarinet. There is a "Baroque Artistry" concert coming up on Jan. 12th featuring pieces from Vivaldi, J. S. Bach and Handel. Of course, Handel's *Messiah* will be making its annual appearance in December.



Christopher Hogwood's Handel & Haydn Society played in Symphony Hall last Friday.



Not getting your
child all her shots
is like leaving her
out here alone.

At least 11 shots by two.
How sure are you? Questions?
Call 1-800-232-2522.

U.S. Department of Health and Human Services
This space donated by The Tech

THE GREAT ESCAPE! from BOSTON:

Fares are STUDENT fares, each way based on a round trip purchase and are subject to change. International Student ID may be required. Taxes & surcharges are NOT included.

LONDON	\$125	NAIROBI	\$635
FRANKFURT	239	SYDNEY	678
ATHENS	259	SAN JOSE C.R.	225
CASABLANCA	249	HONG KONG	425

CALL FOR A FREE "STUDENT TRAVELS" MAGAZINE!

Council Travel

CIEE: Council on International
Educational Exchange

On the Web: <http://www.ciee.org/cts/ctshome.htm>
Downstairs in the Stratton Student Ctr, W20-024, MIT!

225-2555

來利樓

**Larry's Chinese
Restaurant**

302 Massachusetts Ave., Cambridge
Orders to go, or dining in

FREE DELIVERY TO THE M.I.T. CAMPUS — \$10 MINIMUM

Luncheon Specials served daily, 11:30 a.m. — 5:00 p.m., starting at \$3.75
Special Dinner Plate just \$4.95 all day long

15% off with this ad (valid through 10/31/95)

(for dine-in dinners only; \$10 minimum purchase)

Call 492-3179 or 492-3170

Monday — Thursday, 11:30 a.m. to 10:00 p.m.
Friday — Saturday, 11:30 a.m. to 11:00 p.m.
Closed Sunday

THE FUTURE BELONGS TO THOSE WHO EARN IT.

Take a glimpse at the future of the investment business. Where client needs are always placed first. Where diversity, creativity and innovation are valued, encouraged and rewarded.

Where relationships between investment

banking, trading, research and brokerage are forging a remarkable integration of capabilities. All in the pursuit of value for our clients and shareholders.

Take a glimpse at the future of the investment business: today's Smith Barney.

BROWN BAG PRESENTATION Opportunities in Public Finance

Thursday, October 19, 1995
12 Noon

*Contact your
Career Development Office
for location.*

SMITH BARNEY

We make money the old-fashioned way. We earn it.™

Institute Charged in Fernald Radiation Experiment Lawsuit

By Stacey E. Blau
NEWS EDITOR

The Institute has been charged in a lawsuit over radiation experiments MIT researchers conducted at a home for mentally retarded children during the 1950s.

The lawsuit comes only days after an advisory committee to President Clinton released findings about thousands of human radiation experiments conducted during the Cold War, including the tests done at the Fernald School. The committee concluded that the experiments were wrong and warranted apologies to the test subjects but that only a few should receive monetary compensation.

According to the lawsuit filed by former Fernald Science Club member Ronald Beaulieu, MIT violated the civil rights of at least 54 institutionalized children at the Walter E. Fernald School in Waltham, Mass. The researchers fed children doses of radiation with their breakfast cereal for the purpose of studying the way the body absorbs calcium and iron. The experiments were performed without the informed consent of the subjects or their families.

The state of Massachusetts, researchers at the Fernald School, and the Quaker Oats Company were also charged in the suit, according to *The Boston Globe*.

Professor of Physics J. David Litster PhD '65, vice president and dean for research, said that MIT has not yet been served in the Beaulieu complaint.

Tests were 'morally troubling'

According to the government report, the Fernald School experiments were "morally troubling" and the government owes the test sub-

jects an apology. But because there was no evidence that the subjects were harmed by exposure to any dangerous levels of radiation, the government is not obliged to monetarily compensate them.

At the Oct. 3 news conference that announced the completion of the committee's nearly 1,000-page report, Clinton made a formal apology to the thousands of subjects of radiation experiments reviewed by the committee.

The report stated that children at the Fernald School were "unfairly burdened" by researchers from MIT and Harvard, who encouraged the children to take part in tests with promises of gifts or trips to Red Sox games.

The researchers also appeared "unwilling to respect" some children's wishes not to participate in experiments, according to the report. The parents of the children involved in the experiments were not told that the tests involved radiation.

The report recommended that the federal government compensate only about 25 test subjects in three experiments.

The committee also recommended that test subjects who are still unaware that they underwent radiation experiments should not be notified, unless they face more than a 1 in 1,000 cancer risk. Few subjects would qualify for notification, according to the report.

In late 1993, Energy Secretary Hazel O'Leary declassified thousands of documents about government-backed radiation tests, prompting the formation of an advisory committee to investigate the experiments.

The committee's findings stressed the immorality of

researchers' failure to obtain consent from test subjects and their families.

Unauthorized tests were wrong

"I was sorry to hear that at least some of the young people who participated in this research and their parents were unaware that the study involved radioactive tracers," said President Charles M. Vest.

A Massachusetts state task force concluded last year that "no significant health effects were incurred by the research subjects as a direct result of the nutritional research studies" at the Fernald School.

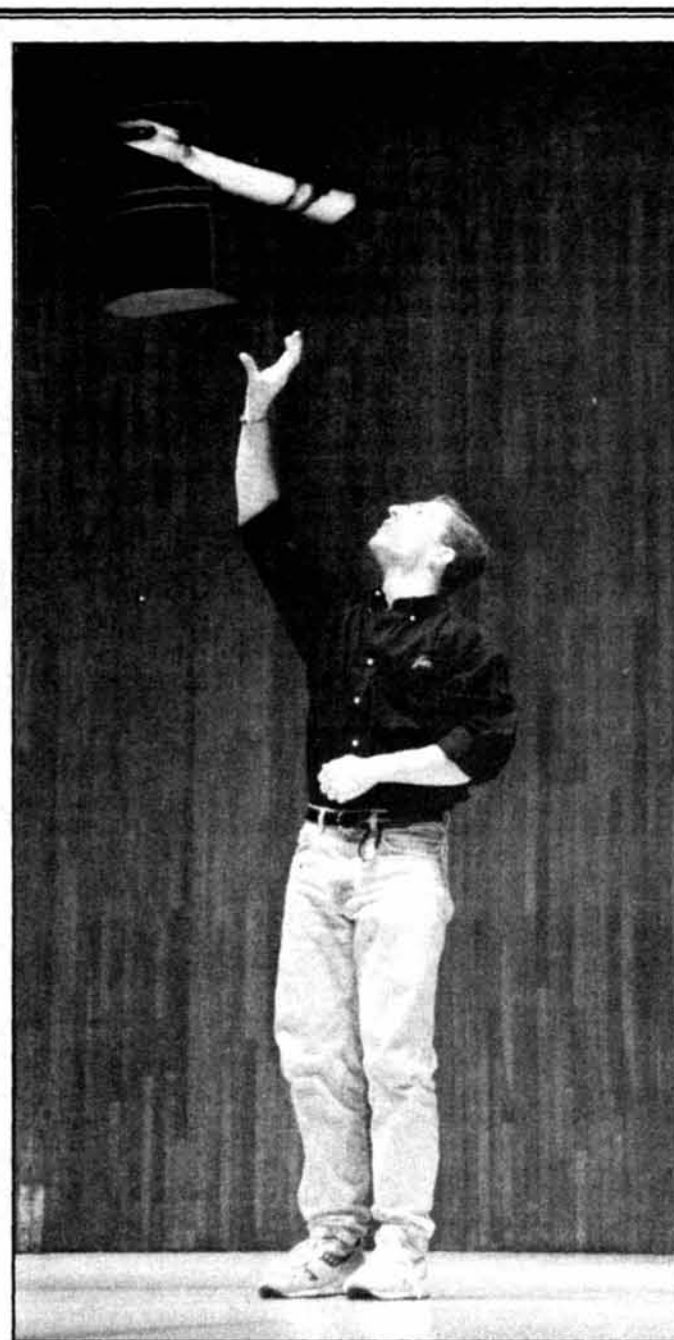
"It does seem to me that there was a very wide spectrum of things done, from the truly horrible to the harmless," Litster said. "The state task force did a surprisingly good job of finding out what was done and to whom."

The highest exposure for any subject was 330 millirems, less than the yearly background radiation in Denver. The doses were all below the standards of the time, as well as today's more stringent standards.

"I got quite a dose of x-rays every time my parents took me to the shoe store — far more than the people got who participated in some of these studies 40 years ago. Does someone owe me an apology, and perhaps a monetary settlement?" Litster said.

"In most cases, I think, people were behaving well according to the knowledge and standards of the time," he said.

Rep. Edward J. Markey (D-Mass.), who originally publicized government-sponsored radiation experiments in 1986, plans to introduce a bill in the next few weeks to compensate test subjects.



James W. Harmon '98 performs his act "Rifle," which won the prize for best solo performance at Friday's Late Night with Sigma Kappa, an annual talent show held in Kresge Auditorium.

CANS BOTTLES PAPER PLASTIC

You just separated your trash.

Recycling is easy, isn't it? In fact, it's one of the easiest ways you personally can make the world a better place.

If you'd like to know more, send a postcard to the Environmental Defense Fund-Recycling, 257 Park Ave. South, NY, NY, 10010.

You will find taking the first step toward recycling can be as easy in practice as it is here on paper.

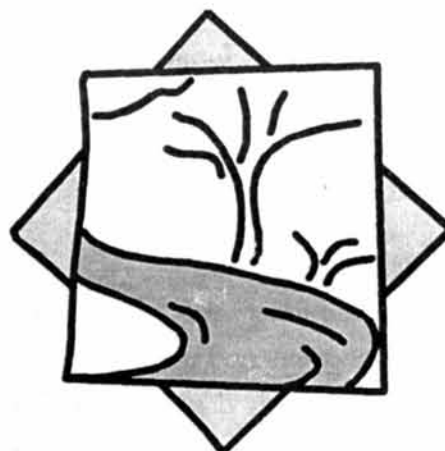
This space donated by *The Tech*

**ULTRASCSI, RAID, ATM, SSA, 1394, INFRARED...
I LIKE THEIR STYLE!**

IN CASE YOU MISSED ADAPTEC WHILE THEY WERE ON-CAMPUS, THERE'S STILL TIME TO CONNECT.

adaptec

WWW.ADAPTEC.COM



**EXCELLENT PART-TIME POSITIONS
FOR STUDENTS MAJORING IN**

- ♦ COMPUTER SCIENCE
- ♦ MARKETING and CORPORATE COMMUNICATIONS
- ♦ ENGLISH

Product Development for Macintosh, Windows & Unix using C, C++, and VB
Editing and Documentation Review
Product Beta Testing

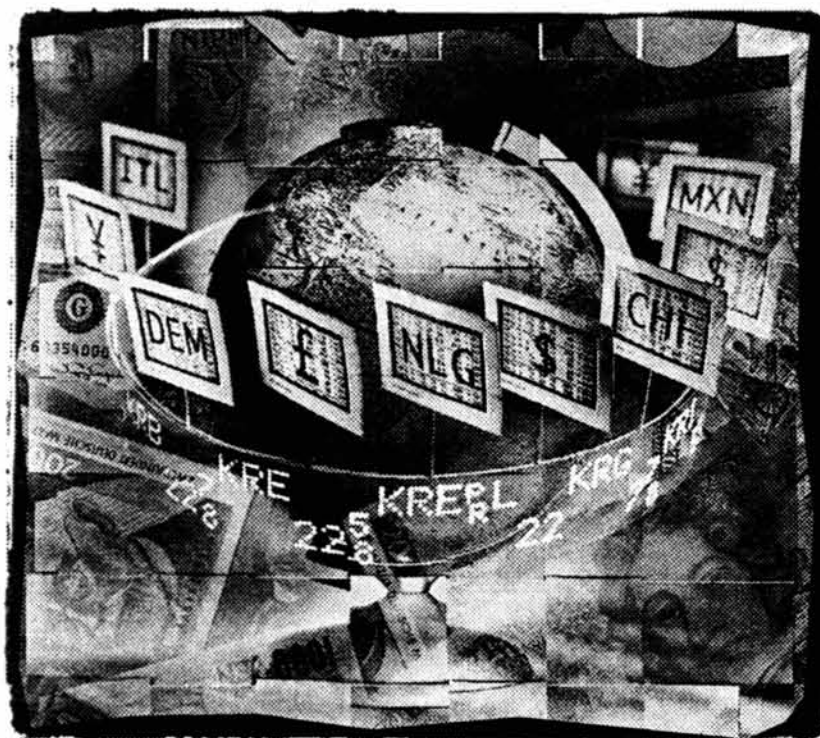
High Tech Office, Flexible Hours, Excellent Pay,
1-block from Alewife T Station in Cambridge

Please send resume to Mollie Granberry at
Mystic River Software, Inc. 125 CambridgePark Drive
Cambridge, MA 02140, Fax 617.864.7747
e-mail mollie@mysticriver.com



**Swiss Bank
Corporation**

We're putting a whole new spin on global banking.



As one of the world's foremost financial organizations, Swiss Bank Corporation affords opportunities for MBA graduates to join a leader who is strategically positioned for success in today's global economy.

The unequaled integration of our business across products, functions and geographical borders enables us to quickly deploy world-class talent and support that talent with world-class resources. The end result is an unmatched ability to deliver innovative products and services which address diverse needs in nearly every viable market on earth.

With assets of \$132 billion, an impressive client base and the recent acquisition of one of the world's premier investment banking institutions, S.G. Warburg, we are leveraging our strength to become the global investment banking leader of the next century.

Even more important than our unprecedented global infrastructure are our people and the way we work. Our informal work environment encourages innovation on all levels, and we reward the entrepreneurial spirit both with com-

petitive compensation and copious opportunities to quickly take on higher levels of responsibility.

Please come to a discussion of our full-time and summer positions in Corporate Finance, Risk Management, Sales and Trading and opportunities in Latin America and Asia.

**Thursday, October 19th
6 PM - 8 PM**

**Cambridge Marriott
The Grand Ballroom**

Casual Attire

If you are unable to attend, please forward your resume to: Human Resources, Swiss Bank Corporation, P.O. Box 395, Church Street Station, NY, NY 10008.

E mail: ellen_travers@swissbank.com

An Equal Opportunity Employer.

While the operations of Swiss Bank Corporation and S.G. Warburg have been successfully integrated in most parts of the world, in the U.S., Swiss Bank Corporation will be fully integrated with S.G. Warburg upon Federal Reserve Board approval.

Essay Passing Score Raised to Stress Writing Skills

By Shawdee Eshghi

The passing grade for the freshman Essay Evaluation was raised from 72 to 79 this year as part of an effort to emphasize writing as an important part of the undergraduate program, said Coordinator for the Writing Requirement Leslie C. Perelman.

As a result, only 17 percent of the Class of 1999 passed the FEE when it was administered during Residence and Orientation Week, a decrease from the 48 percent last year. Another 5 percent passed with Advanced Placement credit.

More students were given "not acceptable" grades this year in order to "send messages to the students that they need to be more aggressive and take a leadership role in improving their writing skills at MIT," said Professor Kip V. Hodges, chair of the Committee on the Writing Requirement.

There are three possible grades on the FEE: "pass," "not acceptable," and "not acceptable — subject recommended." A passing grade means that the student has successfully completed Phase I of the Writing Requirement.

A grade of "not acceptable" requires that the student submit a paper written for an MIT class for grading. "Not acceptable — subject recommended" means that the student is advised to take a writing course.

While fewer students passed, the number of students receiving "not acceptable — subject recommended" did not significantly change since last year, meaning that there is no greater demand for writing courses, Hodges said.

The writing proficiency of stu-

dents in general has not decreased, as evidenced by Scholastic Aptitude Test scores, according to Director of Admissions Michael C. Behnke.

Behnke also stressed that while the admissions office sees applications from very few "great" writers, it considers writing ability very important and does not admit poor writers.

Changes in the Writing

Requirement had been discussed for several years. Three years ago, a new category was created called "conditional pass." Students in this category were granted a pass if they revised their papers and attended a writing workshop. These writers typically had specific problems.

This year, the conditional pass was abolished because "it was

becoming very difficult to identify those students," Perelman said. Many of the students who would have received "conditional pass" in previous years received scores of "not acceptable" this year.

Further changes in the Writing Requirement are also being considered, Perelman said. There has been discussion on making writing a large-

er part of the curriculum without increasing undergraduate requirements.

"It is my personal opinion that within several years, there will be significant movement within the faculty and administration in trying to improve the writing ability of students," Hodges said.



Instructor Neal Kerner (right) helps Alexander Belopolsky G with his resume yesterday at the Writing Center.

GABOR CSANYI—THE TECH

Medical Department Changes Affiliation

By Eva Moy
STAFF REPORTER

Starting next year, the MIT Medical Department will change its hospital affiliation from Mount Auburn Hospital to the Partners Health Care System.

This change, decided by the MIT Medical Management Board last month, affects only medical referrals and emergency services, according to Director Arnold N. Weinberg. The board is responsible for deciding general policies for the medical department. The sub-specialties within the Medical Center will not change.

Partners provides MIT with a health care network that gives access to a full-service hospital, as well as access to physician groups in the greater Boston area, Weinberg said.

Approximately 200 people per year are referred outside of the Medical Center for medical treat-

ment or surgery, Weinberg said. Another 200 per year use the hospitals for obstetrics.

The doctor-patient relationship is very important in some plans of treatment, and it would "not serve the patient's need if they moved somewhere else," Weinberg said. In those cases, the treatment will not automatically be transferred on Jan. 1.

Partners better serves suburbs

The Partners Health Care System includes Massachusetts General Hospital and Brigham and Women's Hospital, as well as many physician groups in the greater Boston area.

"This move is not because we have not gotten excellent, humane service at Mount Auburn Hospital," said Weinberg. MIT has had a "totally informal but solid relationship with Mount Auburn for 20 years."

Medical, Page 18

TAKE A FEW MINUTES TO GO THROUGH YOUR GARBAGE.



The ordinary bag of trash you throw away is slowly becoming a serious problem for everybody.

Because the fact is, not only are we running out of resources to make the products we need, we're running out of

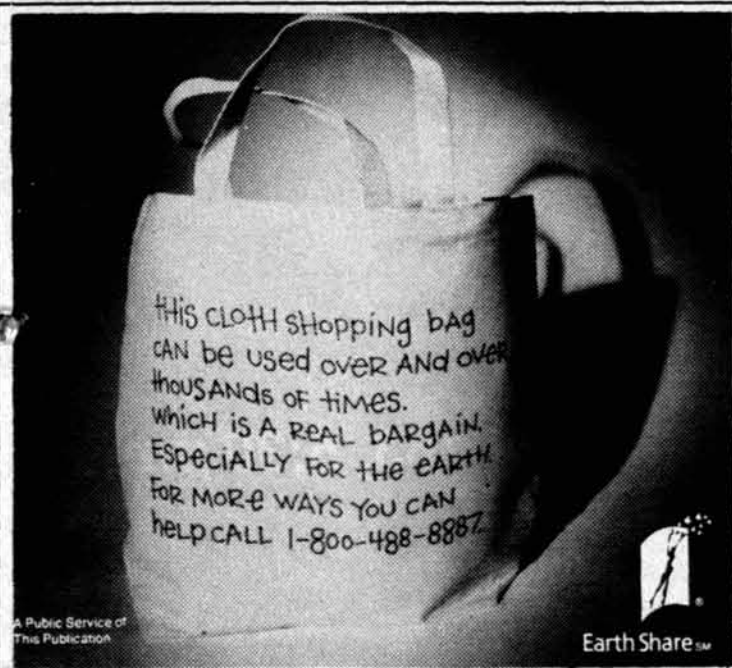
places to put what's left over.

Write the Environmental Defense Fund at: 257 Park Avenue South, New York, NY 10010, for a free brochure that will tell you virtually everything

you'll need to know about recycling.

One thing's for certain, the few minutes you take to learn how to recycle will spare us all a lot of garbage later.

IF YOU'RE NOT RECYCLING YOU'RE THROWING IT ALL AWAY. EDF Ad Council

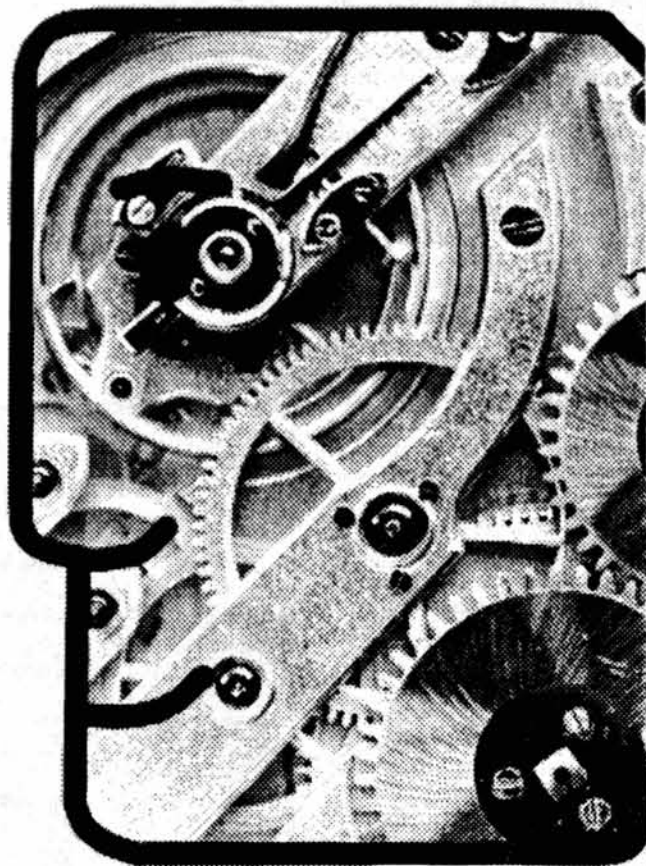


Earth Share

This space donated by The Tech

This space donated by The Tech

**You are not
a Machine**



MERCER
Management Consulting

At Mercer, we provide customized consulting services to help companies prepare for whatever the future may bring. We put together carefully chosen teams to help companies grow and prosper in tomorrow's marketplace. We're looking for people like you.

People who like to think on their feet.
People who like to solve problems.
People who like their input to be valued.
People who like to make decisions that mean something.
People who don't want to be machines.

We'd like to tell you about what we do.
We'd like to introduce you to recent graduates who are doing lots of neat stuff.

All Courses Welcome

Information Session: Tuesday, Oct 17, Room 4-163, 5:30 pm

<http://www.mercermc.com>

Robotuna Project To Model Real Fish

By Damian Isla

Second in a series profiling research projects at MIT.

Robotuna, a project of the Department of Ocean Engineering, will develop a new and better means of propulsion for underwater vehicles, in particular Autonomous Underwater Vehicles, by producing a robot that swims like a fish.

Modeled after the blue-fin tuna — the sea's fastest fish — the team hopes the Robotuna will both open up new areas of scientific exploration and shatter the current paradigm of how quick and strong underwater propulsion can be.

The robot, affectionately known as "Charlie" around the MIT testing tank, has a skeleton of aluminum lined with 40 polystyrene ribs. This set-up is wrapped in a skin of reticulated foam and lycra, a coating which helps to smooth out wrinkles as well as reduce extraneous turbulence.

The fish's contractions are produced by six servo-motors, each rated at two horse-power. The servo-motors route that power through the body through a complex system of stainless-steel cables and pulleys, which act as muscles and tendons. Several force sensors mounted on the side of the ribs provide continuous feed-back to the robot so that it can adjust its motions in real-time. It is tested several times weekly in MIT's tow-tank.

In its current incarnation, the Robotuna is towed by a large metal strut which holds the assembly upright. Wires and cables pipe data back through Robotuna's midsection to a computer, where data and swimming efficiency are analyzed.

'Charlie' modeled after real fish

The Robotuna departs from conventional underwater propulsion in one major way — instead of a screw or propeller, it uses a fin.

"Current technology aims to minimize the vortices formed by moving through water, since these cause an enormous amount of drag which slows the vehicles down," said Professor of Ocean Engineering Michael S. Triantafyllou ScD '77, the lead researcher on the project.

"Fish, however, purposely create these vortices and exploit them for their own benefit. This is what we're doing with the Robotuna. We want to create the vortices but we want to control them."

In addition, other standard technology, such as sonar and video, is easily transferable to the Robotuna, said David S. Barrett G, a student working on the project.

"The Robotuna will be able to go much deeper than current AUVs, since the ones in operation now require a pressurized chamber of some sort," Barrett said.

So far the tests of the Robotuna have been "flawless", although the robotic fish is in a state of "continuous evolution," said Triantafyllou.

"Right now the fish can swim straight and start from rest. What we're working on right now is to get it to turn corners," he said.

Soon, the group is also hoping to develop a version of the three-year-old tuna that can swim on its own without any help from the metal strut.

Robotuna to revolutionize design

In the longer run, the Robotuna promises to revolutionize the design of AUV. As an illustration of the

Robotuna, Page 23

Get out of the cluster.
It's time to cut the cord.
Burn your suits.
Get a job.

GORDIAN

Course 6-3, 6-1, 8 and Applied Mathematics: If you have not already signed up to interview with Gordian at the Career Center, please e-mail your resume immediately to recruit@gordian.com.

Info Session:

Monday, October 23

7:00-9:00 p.m.

Career Center, Room 12-170

Interviews:

Tuesday, October 24

20361 Irvine Avenue, Santa Ana Heights, CA 92707-5637
(714) 850-0205
(714) 850-0533 (fax)

TIME IS RUNNING OUT!

THE DEADLINE IS FRIDAY OCTOBER 20th!

IF YOU ARE INTERESTED IN RUNNING FOR THE COOP'S BOARD OF DIRECTORS, APPLICATIONS FOR NOMINATION TO BE ON THE BALLOT FOR THE ACADEMIC YEAR 1996-97 ARE AVAILABLE AT THE CASHIER'S OFFICE OF ANY COOP BRANCH, OR AT THE PRESIDENTS OFFICE AT THE HARVARD SQUARE STORE.

M.I.T. students may also apply through the Graduate Student Council, Room 50-220 or the Nominations Committee of the Undergraduate Association, Room W20-401.

**FINAL DATE FOR RETURN OF APPLICATIONS IS
FRIDAY, OCTOBER 20, 1995.**

**FOR ADDITIONAL INFORMATION,
CONTACT ALIX ARNOLD, 499-2002,
agarnold@thecoop.com,
OR SEE THE COOP'S HOME PAGE
<http://www.thecoop.com>.**

**the
Coop**

ALEX. BROWN & SONS INCORPORATED

- The nation's oldest **investment banking firm**, founded in 1800.
- Headquartered in Baltimore with 22 offices in the United States, Europe and Japan. Investment banking professionals are located in **Baltimore, Boston, New York, San Francisco, London and Tokyo.**
- Among the **top 10 Merger & Acquisition** advisors in the United States.
- The **largest underwriter of initial public offerings** for U.S. corporations over the past five years.
- Focused on premier high **growth companies** in six core industries: consumer, financial services, health care, industrial technologies, media/communications and technology.
- **Requires** analysts to assume **significant responsibility** and **client contact** while obtaining a wide range of skills and experiences.
- Places analysts at **top business and law schools** and opens up **career opportunities** through contacts made while at Alex. Brown.
- Seeking **highly qualified students** interested in a **demanding**, fast-paced financial analyst program for positions in **Baltimore, Boston and San Francisco.**

Please come by to meet investment banking professionals and learn more about our Investment Banking Analyst program at our upcoming presentation on **Tuesday, October 24, 1995, at 7:00 p.m., in Room 4-159.**

Please contact Anne Ford at (800) 638-2596 for more information.



ALEX. BROWN & SONS
INCORPORATED

Knowledge-Driven. Client-Focused.

Jim's Journal

by Jim

I saw Tony today on the way to my mailbox.



He was with his new girlfriend, Jill.



They both said "Hi, Jim," in unison as they passed me.

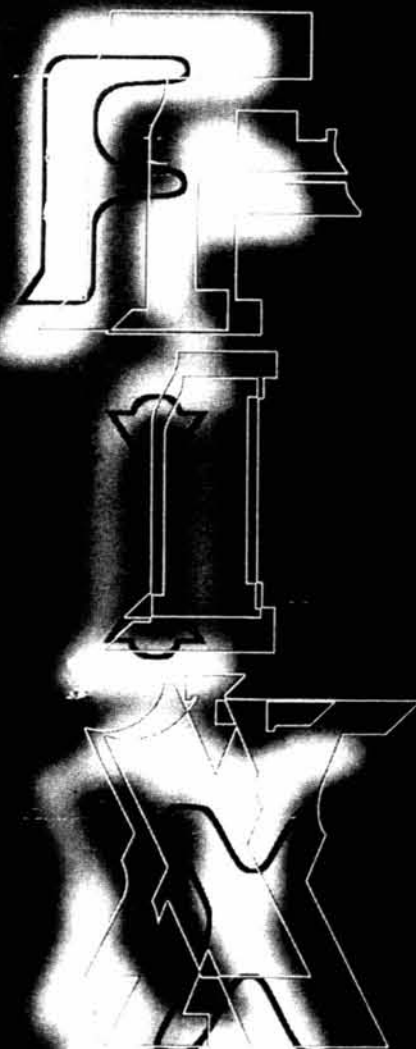


I got my mail and all I got was a flyer about a missing child.



the

<http://www.boston.com/thefix>



fix



POLICE LOG

The following incidents were reported to the Campus Police between Sept. 29 and Oct. 10:

Sept. 29: Alumni pool, bicycle stolen, \$400; Bldg. 54, backpack previously reported stolen found with nothing missing; Bldg. 26, bicycle stolen, \$190; Bldg. E53 and 11, harassing phone call; Bldg. E10, wallet stolen, \$168.

Sept. 30: Amherst Alley by McCormick Hall, female assaulted by another female for leaning against her car; Westgate lowrise, bicycle stolen, \$700; Burton-Conner House, unwanted guest.

Oct. 1: Westgate, male observed attempting to steal a bicycle, suspect gone upon police arrival but didn't get away with bicycle; Westgate lowrise, bicycle stolen, \$300.

Oct. 2: Bldg. 20, malicious destruction; Bldg. E52, harassing phone calls; Bldg. 10, computer mouse stolen, \$70; Westgate, break-in and larceny of a bicycle from a storage area, unknown value; Bldg. N51 parking lot, hit and run damage to a car; Bldg. E51, bathroom cleaning supplies stolen, \$30.

Oct. 3: Bldg. 11, computer mouse stolen, \$70; Bldg. 33, pay stub stolen; Bldg. E18, saw previously reported stolen was recovered, \$250; Amherst Alley by Green Hall, bicycle stolen, \$300, Amherst Alley by Baker House, assault between persons known to each other; Bldg. E52, slide scanner stolen, \$2,000.

Oct. 4: Bldg. 2, suspicious activity.

Oct. 5: Bldg. E17, harassing mail; Westgate lowrise, José Cruz, of 199 Harvard St., Boston, arrested for receiving stolen property, a bicycle; Student Center, wallet was stolen in August but not reported and now credit cards being used; Bldg. E15 bicycle rack, bicycle stolen, \$600; Bldg. E40, bicycle stolen, \$700.

Oct. 6: Bldg. 37, suspicious activity.

Oct. 7: Senior House, 1) annoying phone calls; 2) Lewis Wayne, of 23 Lookout Rd., Mattapan, arrested for breaking and entering; 500 Memorial Drive, cash stolen, \$177; Bldg. 54 bicycle rack, 1) bicycle stolen, \$390; 2) bicycle stolen, \$200; Westgate lot, attempted larceny of a vehicle.

Oct. 8: Student Center, cash stolen, \$635; Burton, harassing phone calls; Bldg. 13, wallet stolen, \$100; Sloan lot, suspicious activity, Tang Hall, domestic disturbance.

Oct. 10: Bldg. 68, label machine stolen, \$612; Massachusetts Avenue bus stop by Student Center, flim flam; Bldg. 66, drill stolen, \$185; Bldg. E55, harassing phone calls.

WANT TO TALK?

NIGHTLINE x3-8800

7 pm - 7 am Every night of the term. All calls confidential.

One female and one male staffer at all times.

This space donated by *The Tech*

IAP '96 PUBLIC SERVICE CENTER FELLOWSHIP



*This IAP, you can make a difference
in a child's life....and get paid!!!*

Fellowships of \$1200 are available for MIT
undergraduate involvement in *Science Curriculum
Development* or *Educational Technology Support*
for Cambridge Public Schools.

Applications are available in 3-123.
For more information, call Shonna Yin
or Tracy Purinton at 253-0742 or stop
by the Public Service Center.

**APPLICATION
DEADLINE**
Friday
11/3/95
ACT NOW!

McKinsey & Company, Inc.

**McKinsey & Company, Inc.,
a leading international management
consulting firm, cordially invites all
1996 bachelor's and master's degree
candidates to learn more about our
2-year business analyst program.**

**We will be having a presentation and
reception for interested students
from all majors on**

**Wednesday, October 18, 1995
at the Grand Ballroom of the
Cambridge Marriott
from 7 p.m. to 9 p.m.**

We look forward to seeing you there.

Dr. REUVEN LEOPOLD

will speak

on

"A CONCEPT FOR THE FUTURE U.S. WARSHIP FLEET"

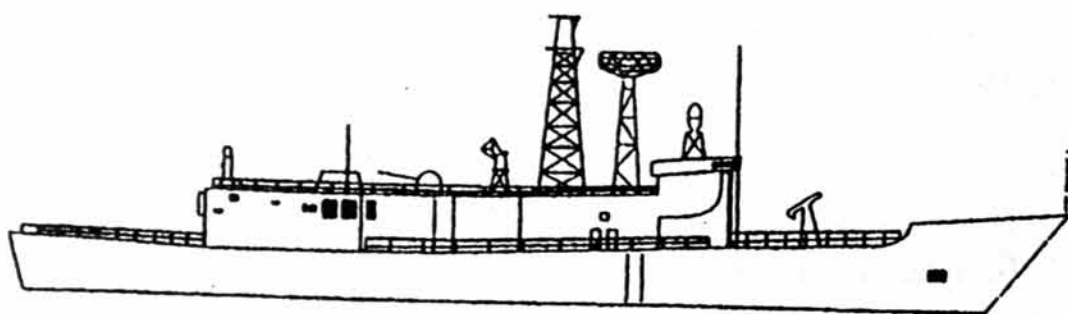
OCTOBER 19, 1995

4:00-5:00PM

20 CHIMNEYS

AT THE STRATTON STUDENT CENTER
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE, MASS 02139

DR. LEOPOLD IS PRESIDENT OF SYNTEK TECHNOLOGIES, INC.
MEMBER OF CNO EXECUTIVE PANEL



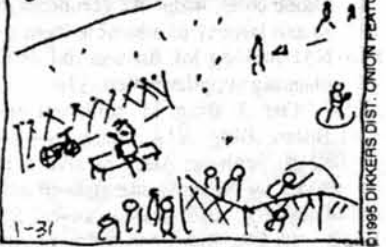
Jim's Journal

by Jim

Today I went out on a bike ride.



I stopped by a ball park and watched part of a little league game or something.



I liked the way the sound of the bat hitting the ball echoed across the park.



It was almost dark by the time I got back home.



"Where do you want to go?"

"I don't know, where do you want to go?"



MasterCard. Accepted wherever you end up.



Wiesner, Others in Nobel-Winning Group

Nobel, from Page 1

of the use of the new weapons and brought together scientists and decision-makers to collaborate across political divides on constructive proposals for reducing the nuclear threat.

MIT active in Pugwash

"Very many members of faculty are active with Pugwash," said Kosta Tsipis, director of the program in science and technology for international security, a Pugwash member since 1968.

"I am very happy that Dr. Rotblat and Pugwash received the award. It was very well deserved," Tsipis said. "Pugwash has been trying since 1957 to avoid global and nuclear war."

Jerome B. Wiesner, the 13th president of the Institute, was also a member of Pugwash. Wiesner helped push through an agreement with Russia to ban nuclear tests in the atmosphere in the Partial Test Ban Treaty of 1963, through informal discussions in Pugwash. Wiesner died last fall.

Another Pugwash member, Professor Emeritus of Electrical Engineering and Computer Science Mark Ruina, is considered responsible for the 1972 Antiballistic Missile Treaty.

Professor Emeritus of Physics Bernard T. Feld was Pugwash secretary general from 1970 to 1975. Feld was a very important member and a very early participant of the movement, Tsipis said.

Professor of Political Science George W. Rathjens is a member involved in technology and weapons aspects of the Conferences.

John P. Holdren '65, at the University at California, Berkeley, is the co-chairman of the U.S. Pugwash Committee. Holdren is now working at the Woods Hole Oceanographic Institute.

Pugwash consists of a group of scientists who meet to discuss global problems that have technical and scientific components, Tsipis said. The first discussed problem was the proliferation of nuclear weapon and the possibility of nuclear war.

Pugwash was instrumental in the attempt to end the war in Vietnam, to bring Arabs and Jews together, the 1972 Biological Weapons Convention, and in the banning of intermediary range nuclear weapons in Europe, formally signed by the Warsaw Pact in 1986.

"Most of these topics are informally discussed by scientists," Tsipis said. "These scientists then go back to their government to try to convince them to ban nuclear agreements talked about in the Conferences."

"It is a good thing to have scientists worry about global and social issues," Tsipis said.

Student also influential

MIT has a chapter of the student affiliate of Pugwash, Student Pugwash USA. SPUSA is "an integral part of Pugwash," Tsipis said. Students are considered equivalent members as adults and help the organization a great deal, he said.

"Student Pugwash is a discussion group that is open to anyone with any opinion that has something to do with science and technology," said President Nora Chen '97.

SPUSA was started to include students and give them a head start in involvement in the parent organization, after which it is modeled.

The MIT chapter has been involved with disarmament and apartheid issues over the past decade. Most recently, it sponsored the Human Genome Project Conference held at the Institute last November.

Committee Considers Alternatives To Aramark for Food Services

Aramark, from Page 1

Aramark, formerly ARA, has been providing food services at MIT since 1986.

Student input to be considered

Maguire will work with the Institute Committee on Student Affairs to obtain student input in the planning process. A subcommittee on campus dining was recently formed to focus on dining, but the issue will be addressed on a larger scale by the CSA as a whole.

"We need to get clarified with a large student voice what we really want in the way of a food service," Maguire said.

The CSA subcommittee consists of three students, two faculty members, and a staff associate from the Office of Residence and Campus Activities. Committee member John S. Hollywood '96 said that the group would wait for a final acceptance by the Academic Council of the recommendation to extend Aramark's contract before exploring more dining options.

In the past few weeks, the committee has considered a wide range of dining options, including various mandatory meal plans, a house-tax raise for dormitory dining, and new food delivery and carry-out services.

Dorm dining a possibility

Among their considerations, the CSA will evaluate the possibility of reopening dormitory dining halls. Only Baker House and Next House currently have operational dining halls. Dining facilities at

MacGregor House and McCormick Hall were closed in 1992 after students objected to costly mandatory meal plans. The dining halls had been suffering from several years of significant financial loss.

According to Aramark General Manager Robert McBurney, both Baker and Next dining halls are still losing money, but no plans exist to close them at this time.

MacGregor Housemaster Munther A. Dahleh characterized a dining hall as a crucial part of a dormitory's residential environment.

"It will have a strong social impact in the dorm [by allowing] students to interact in a more relaxed environment. I would certainly like to see a dining hall at MacGregor," Dahleh said.

Aramark faces the question of how to provide "the right service, in the right place, at the right price," McBurney said.

Students dislike Aramark

According to a student-life survey conducted by the Undergraduate Association last spring, nearly 60 percent of respondents objected to keeping Aramark as a food service provider. The CSA will base its considerations on such student input and will encourage students to voice their opinions.

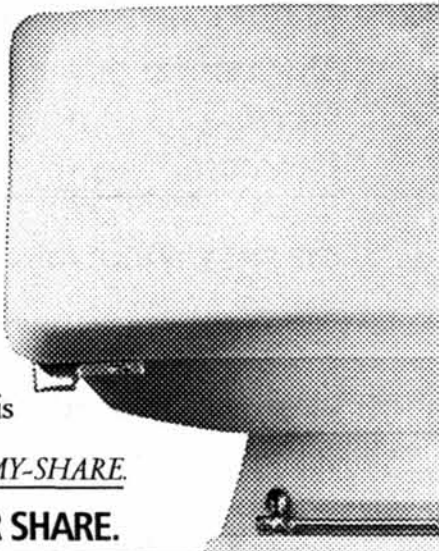
McBurney does not foresee any major changes to Aramark's policy while MIT reviews its dining plans this year. Instead, Aramark and MIT will concentrate on gathering information and deciding what students want, he said.

"Students don't like what they have right now," but they don't know what they want to change to, McBurney said.

HOW TO USE THE BATHROOM.

Do you know that you use up to 55 gallons of water a day in the bathroom? It's true. So here's some simple bathroom training to help conserve water. Turn off the faucet while brushing your teeth. Take shorter showers. Put a weighted jug in your toilet tank. It'll cut water loss by 15%.

And if you can't remember these tips, take this paper with you the next time you go. 1-800-MY-SHARE. IT'S A CONNECTED WORLD. DO YOUR SHARE.



GRADUATE EDUCATION AND CAREERS IN INTERNATIONAL AFFAIRS

DATE: Wednesday, Oct. 18, 1995

PLACE: The Fletcher School of Law & Diplomacy
Tufts University
Cabot Intercultural Center
Medford, MA 02155

TIME: Fair: 3:00-7:30 PM
Panel: 5:00-6:00 PM

PARTICIPANTS:

American University
Columbia University
George Washington University
Georgetown University
Harvard University
Johns Hopkins University
Princeton University

Syracuse University
Tufts University
University of California, San Diego
University of Denver
University of Maryland
University of Pittsburgh
University of Washington
Yale University

Sponsored by:

The Association of Professional Schools of International Affairs (APSIA)

For further information, call (617) 627-3040

Centennial Technologies Brings You...

FUTURE VISION

Centennial Technologies, a leader in the PC Card Industry, offers the following career opportunities.

Electrical/Design Engineer

BS in Electrical Engineering. Design of memory and microprocessor-based PC cards. Must have prior experience in CAD tools and logic design and simulation.

Mechanical/Design Engineer

BSME required. 5 years' experience in tooling, packaging and manufacturing. Design experience in CAD tools such as AutoCAD a must.

We offer competitive salaries and an excellent benefits package including 401k. If you possess the required qualifications and seek a challenging and rewarding career, send your resume.



Centennial TECHNOLOGIES, INC.

37 Manning Rd.
Billerica, MA 01821
Attn: Personnel
(indicating position)
or fax to (508) 670-9025.
Equal Opportunity Employer

*****ATTENTION STUDENTS INTERESTED IN LAW SCHOOL*****

Thinking About Law School? The Law School Forum.

noon-6 pm.

FRIDAY

October 20th

Marriott Copley Place
110 Huntington Avenue
Boston, Mass.For further information, please call the Office of Career Services and
Preprofession Advising at 253-4737.**INDUSTRY
PRESENTATION
WORKSHOP****Friday, October 20 4:00 pm 4-163****designed for juniors/seniors/all majors/no prereg****5 recent ('91-'94) MIT alumni(ae) now working at****DuPont de Nemours / chemicals****Fidelity Investments / retail marketing****Mars & Company / strategy consulting****Morgan Stanley / investment banking****Polaroid Corporation / electronic imaging****discuss their industries and work experiences**

presented by Course 15 Undergraduate Program 253-8614

**Career opportunities
at J.P. Morgan***for M.I.T. students interested in*

Equity Research Associate

Global Technology and Operations

Investment Banking

Sales, Trading, and Research

*Please plan to attend our
information presentation on
Monday, October 23**Room 4-163**6:00-8:00 pm**All majors welcome***JPMorgan**Internet <http://www.jpmorgan.com>

J.P. Morgan is an equal opportunity employer

**Partners Health Care
Chosen for Convenience****Medical**, from Page 11

Weinberg informed Mount Auburn Chief Executive Officer Francis Lynch the day after MIT made its decision. "He was disappointed," Weinberg said. "But he also understood [our need to] avail ourselves of a more robust health care system."

MIT will continue to use Children's Hospital for pediatric admissions and McLean Hospital for psychiatric admissions.

The Institute would also have access to other groups such as the Dana Farber Cancer Institute and Massachusetts Eye and Ear Infirmary, which are currently considering joining the Partners system.

The entire network covers towns as far as Cape Ann, Salem, Weston, and Dedham, where many MIT staff and faculty live.

Weinberg hopes this wider network will encourage more employees to choose the MIT health plan.

MGH is closer to campus

MGH is more easily accessible from campus than Mount Auburn Hospital, located on Mount Auburn Street near Harvard Square.

While Mount Auburn takes 15 minutes and about \$8 by taxi, MGH takes 5 minutes and about \$3 by taxi, Weinberg said.

In addition, MGH is only one stop from campus via the MBTA Red Line, Weinberg said. That is convenient for both patients and doctors, he added.

If a member of the MIT health plan has a medical emergency, it is preferred that they go to MGH for treatment, Weinberg said. Of course, people with acute medical emergencies still go to their nearest hospital.

If a person is not sure of his condition, he should call or visit the Medical Center first for a diagnosis. The Campus Police will transport members living on campus, and MIT will pay for a taxi for those living off campus, Weinberg said.

MIT is currently negotiating with Partners for budgetary relief. MIT is receiving "a very good break on the rates we are charged," Weinberg said. This is due to the exclusive use of Partners, the characteristic mix of patients who are referred, and MIT's ability to receive patients in its in-patient unit after hospitalization.

**Maximize
Your Scores
With...**THE
PRINCETON
REVIEW**Courses meet
in Cambridge****Call today: 617/558-2828**

You pulled 83 all-nighters,
crammed for 52 finals, and
drank 3,506 cups of coffee.

Now it all comes
down to this.



You worked hard to get your degree. Now put it to work for you. If you're about to receive a Bachelor's, Master's or Ph.D. in Electrical Engineering, Computer Engineering, Computer Science, Chemical Engineering, Material Sciences, Applied Physics, or similar technical disciplines, join Intel. We have entry-level opportunities in IC and Hardware Design, Manufacturing, Software Engineering, and Information Technology. With a choice of lifestyles at sites in northern

California, Oregon,
Arizona, New Mexico,
and Washington state.

**Send Your Resume
to Intel Now**

Send your ASCII resume via e-mail to jobs@intel.com. Or, post a letter-quality version to Intel, College Relations, Dept. M278, 1900 Prairie City Road, M/S FM3-145, Folsom, CA, 95630. For details on the world leader in information technology, see www.intel.com/intel/oppy.

intel.

Intel Corporation is an equal opportunity employer and fully supports affirmative action practices. Intel also supports a drug-free workplace and requires that all offers of employment be contingent on satisfactory pre-employment drug test results. ©1995, Intel Corporation. All rights reserved. Intel and the Intel logo are registered trademarks of Intel Corporation.

Jim's Journal

by Jim

Today I was sitting around reading.



10-11

I noticed Mr. Peterson sprawled out on the floor, bellied-up.



She occasionally licked her hand, but pretty much stayed in the upside-down position.



Then suddenly she jumped up and ran in the other room.



©1994 DICKERS DIST. UNION FEATURES

The Tech

•

MIT's oldest and largest newspaper (and the oldest student activity) has openings in *all* departments.

•

Stop by our offices in Room 483 of the Student Center every Sunday at 6 p.m. for our general meetings

•

or call 253-1541 and ask for Scott or Dan

•

or email join@the-tech

•

No experience necessary.

COOL TECHNOLOGY. HOT COMPANY. GREAT OPPORTUNITIES

Imagine developing **software** for a machine vision computer that is used in manufacturing operations to guide a robotic arm in placing 40,000 electronic components on a PC board every hour to within **1/20th pixel accuracy** to identify a soda can in only 20 milliseconds to ensure it is filled with the correct liquid; or to inspect the LCD display on a cellular phone to verify that it's legible. Now imagine doing this at a company where engineering teams celebrate each product release by drinking **champagne**, signing the bottles, and adding them to the company's **"wall of fame."**

Cognex, the #1 supplier of industrial machine vision systems, provides a **work hard/play hard** environment unlike any other company in the world. Every day, we tackle the toughest machine vision problems in industries ranging from electronics and automotive parts to health-care and consumer products. And our culture continually **rewards** these efforts with parties, innovative recognition programs, and lucrative bonuses and stock options for **top performers**.

We're seeking **engineers** for all facets of our product development, not just machine vision specialists. If you are a **clever** software engineer with creativity and drive who wants to join an entrepreneurial, technically aggressive company, **MEET US ON-CAMPUS on MONDAY AND TUESDAY, OCTOBER 23 and 24**, or send your resume to: Cognex Corporation, Human Resources, Dept. T1, One Vision Drive, Natick, MA 01760; fax: (508) 650-3340; EOE. email: hr@cognex.com.

See our web site at <http://www.krl.com/cognex/>

Patent for developing **unique technology**.

President's Awards given yearly to top performers, with bonuses up to **\$10,000**.

Hours required: whatever it takes to meet customers' needs.

Electronically shuttered camera to acquire images of moving objects.

IR sensor to trigger acquisition and inspection.

Mini-conveyor to simulate factory production line.

Tokens for pinball games in **company game room**.

Plane tickets to visit customers around the world.

Frisbee for daily **Ultimate Frisbee** match at lunch.

"**Cognoid**" (a.k.a. Cognex employee).

Everything you need to do your **best work**.

Vision tools for guidance, gauging, identification, and inspection.

Movie tickets for monthly company **"movie nights."**

COGNEX

If you want to go to graduate school, we'd like to line you up with a very attractive date.



Saturday, October 21, 1995

Boston Park Plaza • 64 Arlington Street • Boston

The GRE Forum on Graduate Education offers an ideal opportunity for grad school candidates to ask representatives of over 100 graduate schools about their programs. You can also obtain catalogs and application forms.

In addition, there are workshops on various graduate disciplines, obtaining financial aid and preparing for the GRE Test - plus workshops for minority and returning students.

To get \$2 off the \$5 admission fee, just bring this ad to The Forum. It'll make your date economical, as well as attractive. Registration begins at 8 a.m.

For more information call (609) 951-1562



Individuals who are hearing impaired and wish to request an interpreter must contact ETS at least four weeks prior to The Forum.

Sponsored by the GRE Board and the Council of Graduate Schools. EDUCATION-AL TESTING SERVICE, ETS, the ETS logo design and GRE are registered trademarks of Educational Testing Service.



Jet to the Heart of New Jersey

Fly into Trenton-Mercer Airport. Closer to everywhere you want to be. More convenient than Newark or Philadelphia. No advance purchase or Saturday stay required. And flights from Boston to Greensboro, too. Don't let this sweet deal fly by.

ALL SEATS • EVERY DAY • EACH WAY • ALL SEATS • EVERY DAY • EACH WAY

Trenton, NJ
\$**53***

ALSO Greensboro, NC
\$**83***

Call your travel agent or
1-800-644-FLY Bee

EASTWIND
AIRLINES



*All fares are non-refundable. Fee for changing flight. Does not include \$3 PFC out of Boston. ©1995 Eastwind Airlines

New Dean in Charge Of Student Activities

Dean, from Page 1

large job, she said. "In my short tenure, I can really understand that reasoning."

After Smith announced last fall his plan to retire in the spring, a committee chaired by Professor of Materials Science and Engineering Linn W. Hobbs recommended two lists: one for the dean for undergraduate education and one for the dean for student life. In June, Williams was selected as dean for undergraduate education.

Using the committee's report as a guide, Williams worked with Hobbs, Provost Joel Moses PhD '67, and President Charles M. Vest in selecting the new dean.

"I think the process was extremely open," as well as long and arduous, Williams said.

Five students, selected by the administration, served on the Hobbs committee. Then-Undergraduate Association President Vijay P. Sankaran '95 criticized the committee last fall as unrepresentative of the student body. He called it "overly secretive," said that the student members "should have been selected with the input of their peers."

Responsibilities defined

On one side, Merritt will handle issues that are more academically oriented, Williams said. The dean for student life will handle non-academic issues like housing and dining.

Several important issues will confront the new dean, including making Residence and Orientation Week as effective as possible, said Senior Associate Dean Robert M. Randolph.

In addition, housing must accommodate MIT's "rapidly changing demographics" in the increasing number of women, said Director of the Edgerton Center J.

Kim Vandiver PhD '75, a former chair of the faculty.

The new dean will be "concerned with coordinating activities of student life within and outside of the dean's office," Williams said.

Another important task for the new dean will be to help Williams in the process of re-engineering student services in the most effective way. The student services

She added that the dean for student life is not a position reproducing or replacing Associate Dean for Residence and Campus Activities Margaret A. Jablonski, Williams said.

Outsider status not a disadvantage

The committee's report made recommendation either way on appointing a dean from inside or outside the Institute, Williams said. But the new dean had to be "somebody who will complement my background, what I bring to the office, and what I don't bring," she said.

Faculty members are open to the idea of having someone from outside the Institute as dean for student life.

The effect of a non-MIT affiliated dean "depends entirely on the individual is," said Professor of Physics Robert L. Jaffe, a former faculty chair. At MIT, people tend to think that the school is incomprehensible to the rest of the world. That notion is not true; Jaffe said he is "confident that an outsider could learn."

"The disadvantage is it will take a while," Vandiver said. "The advantage is that someone from outside will be a professional in this area, and no doubt bring experience from another school."

"Sometimes looking at old problems with new eyes can give you some new responses," Randolph said.

**This time,
your pizza will
include delivery.**



Information Session:
Tuesday, October 24th
6:00 - 8:00 pm
Building 4, Room 231

Last time Sun scheduled an on-campus visit to MIT, the pizzas made it, but we didn't. So we'd like to try it again; only this time, we promise to deliver all the extras. Your slice will include details behind Sun's vision. Insights into new products and technologies. As well as a look at some exciting opportunities to join us.

We're marking our calendars with red pen. Setting the alarm. Leaving a wake up call at the front desk. And we're ordering even more pizza. So bring your appetite, and expect company. Plan to be at Building 4, Room 231 on Tuesday, October 24th from 6:00 to 8:00 pm to learn more about Sun.

If you're unable to meet with us, please send your resume to: Sun Microsystems, Inc., University Recruiting, Job Code: CRMIT96, 2550 Garcia Ave., M/S: MTV04-118, Mountain View, CA 94043-1100; E-mail: universityrelations@sun.com; Fax: (415) 336-3701. We are an Equal Opportunity Employer.



The network is the computer

**free
DELIVERY
TO MIT
Until 2am Daily
497-4849
Let us cook
for you!**

Also Available:
Pasta dishes • Subs/Grinders
Salads • French Fries • Burgers
Onion Rings • Calzones • Sodas

497-4849 49 Mount Auburn St., Camb. 497-4849

TOMMY'S HOUSE OF PIZZA
offers free delivery service!

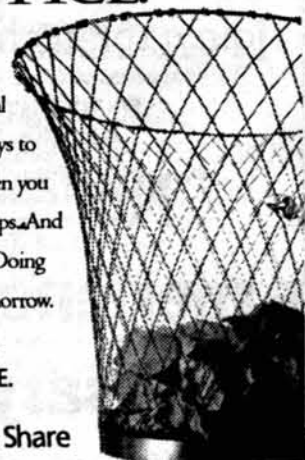
Large Cheese Pizza \$8.95
Extra Toppings \$1 each

Try our Gourmet Pizza Edges:
Sesame Seeds • Poppy Seeds
Pretzel Salt • Minced Onion
Minced Garlic

We are conveniently located
about 1350 smoots
away from MIT.
Call us for late night delivery
of all your favorite
party foods.

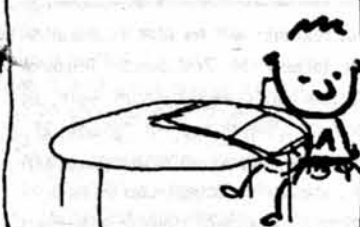
BE LESS PRODUCTIVE AT THE OFFICE.

The office has always been a place to get ahead. Unfortunately, it's also a place where natural resources can fall behind. So here are some easy ways to reduce waste at the office. Turn off your lights when you leave. Drink out of a mug instead of throwaway cups. And to cut down on trash, use both sides of a memo. Doing these things today will help save resources for tomorrow. Which is truly a job well done. **1-800-MY-SHARE.**
IT'S A CONNECTED WORLD. DO YOUR SHARE.



Jim's Journal by Jim

I put her back on the floor.



Then she ran into the other room and meowed over and over.



I got a newspaper today and sat at the table to read it.



Mr. Peterson jumped up on the table and stood on the newspaper.



Peoples and States: Ethnic Identity and Conflict

Presents

NOAM CHOMSKY

Institute Professor, MIT

"Yesterday the Cold War, Today Ethnic Conflict: Fashions vs. Issues"

Tuesday, October 17
4:30 p.m. 26-100

Co-sponsored by the Anthropology Program and Center for International Studies

Free and Open to the Public

WHAT'S NEXT AFTER THE FINAL FINAL?

RELAX



WE'RE LOOKING OUT FOR YOUR CAREER

The Monster Board Is An Eye Opener. The Ultimate Career Site On The Web. Conduct a job search, post your resume, even apply on-line in minutes ... all free! No Pen. No Paper. No Postage. Just sit back and click. What could be easier? Or more worthwhile?

The Monster Board

Find Your Future Online With The Monsters!
<http://www.monster.com>

pay attention to life ... share what you find
make noise ... move on

ROAR

to detect and serve the new leaders of this world
<http://www.monster.com/roar/Roar.html>

Because The Job Market Is Scary Without Them

McKinsey & Company

MANAGEMENT CONSULTANTS

Graduating MIT Ph.D. students and Postdocs in science and engineering are invited to attend three presentations

Our Firm, Our People and Our Work

Wednesday, October 25, 7:00 - 9:00 p.m.
Salon 3, Cambridge Marriott

Opportunities in Healthcare

Tuesday, October 31, 7:00 - 9:00 p.m.
Salon 4, Cambridge Marriott

What does an associate do on a client engagement?

Tuesday, November 14, 7:00 - 9:00 p.m.
Salon 4, Cambridge Marriott

Cocktails & hors d'oeuvres will be served
Casual attire

McKinsey & Company is a professional firm that advises senior management of the world's leading organizations on issues of strategy, organization, and operations.

As a consultant at McKinsey you can expect to grow professionally in a stimulating and supportive environment. You will have the opportunity to work with a talented and diverse group of individuals, to take risks and be challenged, and to shape your own career.

We seek men and women with exceptional records of academic achievement, strong analytic and quantitative skills, demonstrated leadership, and excellent communication skills.

FOR ADDITIONAL INFORMATION PLEASE CONTACT:
Katherine Padgett
McKinsey & Company
55 East 52nd Street
New York, NY 10022
800.221.1026 ext.8826

Amsterdam
Atlanta
Barcelona
Beijing
Berlin
Bogotá
Bombay
Boston
Brussels
Buenos Aires
Caracas
Chicago
Cleveland
Cologne
Copenhagen
Dallas
Dublin
Düsseldorf
Frankfurt
Geneva
Gothenburg
Hamburg
Helsinki
Hong Kong
Houston
Istanbul
Jakarta
Johannesburg
Lisbon
London
Los Angeles
Madrid
Melbourne
Mexico City
Milan
Minneapolis
Monterrey
Montreal
Moscow
Munich
New Delhi
New Jersey
New York
Osaka
Oslo
Paris
Pittsburgh
Prague
Rome
San Francisco
São Paulo
Seoul
Shanghai
Silicon Valley
St. Petersburg
Stamford
Stockholm
Stuttgart
Sydney
Taipei
Tokyo
Toronto
Vienna
Warsaw
Washington, D.C.
Zürich



If you are in 8.01, PLEASE READ THIS

If you receive a Fifth Week Flag in 8.01, it will bear a digital signature, and look something like this:

```
-----BEGIN PGP SIGNED MESSAGE-----

This is a sample 8.01 early warning message. If it had been a real message, it would have been mailed to the student and "Cc:"-ed to the student's advisor and 8.01 instructor.

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMHVmpHWu6tCosySpAQGCLAP+KAs7J1JrN4uXlSqP325dEqIMDv0gLFaY
MlfuNyBqWZ9Krr9r9boq7N8YomãZASMxRZTHGAvDyUcq4s0Ew2AI4mbZDF45BY
Qpc+PnKBktGki50tIYKKR09iYAh71LkXMPwGtni0L7G324H55r6E1hkIxPQ7fN/2
zqFTVhV0sAg=
=EZxv
-----END PGP SIGNATURE-----
```

To verify that the message is valid, you may use the special "verify-message" command on Athena, as follows:

```
verify-message
to check the current message if you use mh commands (inc, scan, show, etc.) to read your mail

verify-message <message-num>
to check a different message, substituting the message number for <message-num>

verify-message <filename>
to check a message that you've saved to a file from any mail program, substituting the file name for <filename>
```

You will get a report something like this:

```
File has signature. Public key is required to check signature. .
Good signature from user "8.01 Course Administrators".
Signature made 1995/10/06 17:24 GMT
```

If you already know how to use PGP, then you may obtain the public key for "8.01 Course Administrators" at URL

<http://web.mit.edu/acs/www/key801.txt>

CLASSIFIEDS

■ Events
■ Help Wanted
■ Positions Wanted
■ For Sale

■ Housing
■ Services Offered
■ Lost & Found
■ Greeks

■ Travel
■ Information
■ Clubs
■ Miscellaneous

Advertising Policies

Classified ads are due at 5 p.m. two days before day of publication, and must be prepaid and accompanied by a complete address and phone number. Send or bring ads, with payment, to W20-483 (84 Mass. Ave., Room 483, Cambridge, MA 02139). Account numbers for MIT departments accepted. Sorry, no "personal" ads. Contact our office for more details at 258-8324 (fax: 258-8226) or ads@the-tech.mit.edu.

Rates per insertion per unit of 35 words

MIT community:
1 insertion\$3.00
2-3 insertions.....\$2.75
4-5 insertions.....\$2.50
6-9 insertions.....\$2.25
10 or more insertions.....\$2.10

All other advertisers\$5.00

■ Help Wanted

We do research on language and the brain in the Dept. of Brain and Cognitive Sciences. We need someone to get articles at MIT Libraries and copy them. Pay \$7/hr. Contact Michael Ullman by email: michael@psyche.mit.edu

Part-time Notes development. Growing consulting firm in Kendall Square seeks responsible individual with in-dept knowledge of Lotus Notes to help up design and implement new applications. 10-15 hours per week (flexible). Fax letter and resume to (617) 621-0611.

Earn up to \$120/wk donating your sperm. Must be a healthy male between 19-34 and 5'9" or taller. Call California Cyrobank, Inc. at 497-8646 to see if you qualify!

■ Travel

SPRING BREAK - Bahamas, Cancun, Jamaica; Packages from \$299. Organize a group and earn a FREE trip plus commissions. Call 1-800-822-0321

Spring Break! Travel Free with SunSplash Tours, "The Reliable Spring Break Company". We Pay the Highest commissions, at the lowest prices. Campus Reps wanted to sell Jamaica, Cancun, Bahamas, Daytona, Panama City and Padre. 1-800-426-7710.

FREE TRIPS & CASH Find out how hundreds of students are already earning FREE TRIPS and LOTS OF CASH with America's #1 Spring Break company! Sell only 15 trips and travel free! Choose Cancun, Bahamas, Mazatlan, or Florida! Call Now! Take a Break Student Travel (800) 95-BREAK!

■ For Sale

PC and Laptop Memory at Wholesale Prices... with a lifetime guarantee! We will also, BUY your USED memory for CASH or TRADE working or not. THE MEMORY EXCHANGE 800-501-2770

■ Clubs

Stuyvesant High School Alumni-MIT has a Stuy alumni chapter for YOU! Get involved and keep those Stuy bonds strong! Get to know more upperclassmen who are in your major! For more information, contact Angela at 225-8547.

■ Services Offered

VICTIMS OF ACADEMIC CRIME Consultation & therapy. Call (617) 937-7094. Leave message.

■ Services Offered

Attention inventors! Intellectual property attorney Charles Katz provides patent and related legal services at reasonable cost. Call (617) 864-8055 or e-mail cbklaw@ix.netcom.com.

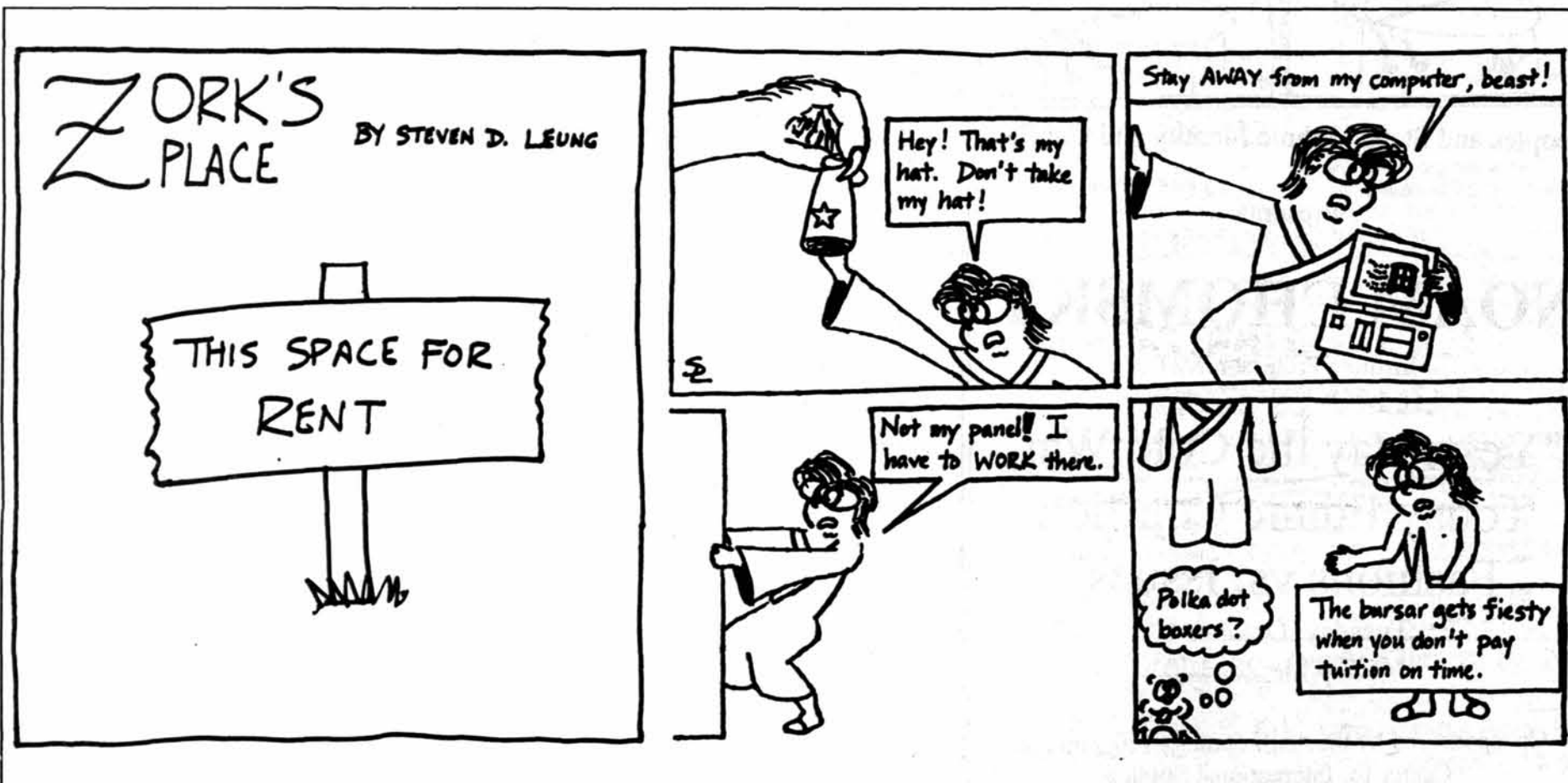
■ Miscellaneous

AIDS & Sexually Transmitted Diseases testing and treatment. Totally confidential, private M.D. office. Dr. Robert Taylor 1755 Beacon St. Brookline. Call 232-1459 for appt.

■ Miscellaneous

Participants will be able to enroll in the lottery for 2nd quarter Physical Education classes from 8am on October 18 until noon on October 25. From any Athena workstation or from any dialup or Telnet connection to Athena, type add pelott, and then type peinfo. Non-Athena users may enter the lottery with the assistance of the PE Office W32-125.

Results of the lottery will be available to participants on October 26, by using showassign-pe command. Late registration, based on availability, will be conducted beginning October 27 in the PE Office. Classes begin Monday, October 30.



ACROSS

1 Luke of "Star Wars"
10 Elegant
14 Nickname for Syracuse Univ. (2 wds.)
15 Turkish title
16 Deep involvement
17 Place of sacrifice
18 Gypsy Rose
19 Lawyer (abbr.)
20 Exiles
22 Verdi opera
24 Pitcher's statistic
25 Natl. Coll. Assn.
26 Famous volcano
28 Mr. Rogers
29 Hundred years (abbr.)
30 Part of $e=mc^2$
33 Economics abbreviation
35 Parody
37 Under one's guidance (2 wds.)
39 — Mahal
41 Clothing characteristics
42 Ear bone
44 Basketball game need
46 Kennedy and Danson
47 Tennis replay
48 Blanc or Jungfrau
50 Arlene
52 Bullfight cry
53 Actress Perrine, for short
54 Stogie, western style
58 Old TV show, "GE — Bowl"
60 Organization for Mr. Chips
61 French article
62 "...partridge in — tree"
63 Something that Felix Unger has
66 GRE and SAT
67 Sailors' patron (2 wds.)
68 Being: Lat.
69 Max Factor product (2 wds.)

DOWN

1 French crossing
2 Official language of Cambodia
3 Where San'a is
4 Misfortune
5 Shameless
6 Durable
7 Type of shirt
8 — trip
9 Provide, as a service
10 — Alto
11 Exclude socially
12 In pieces
13 Severity
15 Tropical fruits
21 God of love
23 Fable writer
27 Opposite of syn.
30 Lose
31 Playmates of deer
32 Lacking nationality
34 — avion
36 Legal ownership
38 Basket makers
40 Buddy Ebsen role
43 Smeltery waste
45 Attaches
49 Satisfy
51 Fireside
55 Trade organization
56 Prefix: wind
57 Plant again
59 Overdue
60 Ballet movement
64 Opposite of clergy
65 Suffix: region

© Edward Julius Collegiate CW8804

PUZZLE SOLUTIONS FROM LAST ISSUE

R	O	W	E	R	C	A	R	V	E	D
C	A	P	I	T	A	L	A	V	A	I
O	V	E	R	A	G	E	P	O	M	P
R	A	R	E	S	O	L	O	N	S	T
A	G	A	P	E	T	I	T	E		
L	E	T	S	L	A	N	E	S	H	O
S	E	E	D	E	R	S	E	L	A	N
C	O	E	D	B	A	E	R			
T	A	S	T	E	R	F	O	R	E	S
I	L	E	S	S	I	L	A	S	H	A
A	T	A	M	A	T	P	I	E		
R	E	S	T	O	P	T	E	D	C	E
A	R	I	A	D	N	E	R	U	M	O
S	E	D	U	C	E	D	S	L	A	V
R	E	T	I	R	E	L	E	E	D	S

Robotuna to Develop Better Propulsion

Robotuna, from Page 13

power of this new approach to AUV design, Triantafyllou cited the example of thermal vents. "When exploring thermal vents at the sea floor, the water temperature can vary by 100 degrees celsius within just a few feet.

"Because of this, you need a system which is flexible, and which can react extremely quickly to unforeseen occurrences. Current AUVs do not have the kind of speed and agility that such dangerous situations require, and so many are lost to unforeseeable circumstances.

"The Robotuna, on the other hand, would have the speed and agility necessary, to get out of a bad situation," Triantafyllou said. "With that, the Robotuna will minimize risk in exploring areas which are

being covered now by the clumsy traditional propeller-driven AUVs, as well as open up new areas which have until now been considered too dangerous. This allows for new applications and closer observation," Triantafyllou said.

The project is funded by a number of organizations, including the Advanced Research Projects Agency, the Office of Naval Research, the Woods Hole Oceanographic Institution, and MIT's Undergraduate Research Opportunities Program.

It is also in large part funded by the MIT Sea Grant Program, one of 29 National Sea Grant Programs, which is administered by the National Oceanic Atmospheric Administration, which in turn is administered by the U.S. Department of Commerce.

We need someone with the confidence of a surgeon, the dedication of a marathoner and the courage of an explorer.

We have a unique opportunity for someone very special. A chance to spend two years in another country. To live and work in another culture. To learn a new language and acquire new skills.

maybe a teacher, a mechanic, or a recent college graduate. We need someone to join over 5,000 people already working in 60 developing countries around the world. To help people live better lives.

sounds interesting to you, maybe you're the person we're looking for. A Peace Corps volunteer. Find out. Call us at 1-800-617-5655 x598

PeaceCorps.
The toughest job you'll ever love.

PEACE CORPS CAMPAIGN
MAGAZINE AD NO. PC-2258-81-17-18
Volunteer Agency: Ted Bates & Company, Volunteer Coordinator: Edward MacBrien, GTE.

This space donated by The Tech

ENGINEERING AND MIS OPPORTUNITIES



Semiconductor chips are at the heart of the global digital revolution. And innovative wafer manufacturing systems, processes and services are core enablers of the chipmaking process. That's the world of Applied Materials. We're the world's largest supplier of these key semiconductor manufacturing process technologies. Technologies that enable the chips that drive advanced products from cellular phones and security systems, to automobiles and ATMs.

There's a world of possibilities here at Applied Materials. And now you can learn more about the company and the process of joining us.

Look for us on campus:

Information Session

Tuesday, October 24th, 6-8:00pm,
Room 4-149

Interviews

Wednesday, October 25th, 8:00am-5:00pm,
Room 12-170 Student Services

For more details about Applied Materials, check out our binder in the Career Placement office. We're an Equal Opportunity Employer.



APPLIED MATERIALS



MORGAN STANLEY

Cordially invites students of all majors
to attend a presentation on the

Investment Banking, Fixed Income, and Public Finance
Financial Analyst Programs

Thursday, October 19

7:00-9:00 p.m.

4 - 159

Morgan Stanley contacts:

Sabrina Bernold, (212) 296-6264

Uday Jhunjunwalla (212) 761-8462

Resume Drop - November 20, 1995 by noon

Interviews - January 23, 1996

ViaSat, Inc.

is seeking

MIT Graduates

with a background in

EE, CS, Math, and Math Sci

MS Degree Preferred

3.2 GPA

ViaSat is a small rapidly growing engineering-oriented company founded and managed by engineers. ViaSat designs and builds modems, radios, multimedia networking systems, fault tolerant computing systems, simulators, and lab test equipment.

ViaSat is seeking engineers who demonstrate high academic achievement, strong motivational skills, and who are capable of working in several disciplines including:

- Communication & Information Theory
- Digital & Analog Hardware Design
- Signal Processing & Control Theory
- Digital Voice
- Artificial Intelligence
- Computer Science
- Computer Networking

ViaSat offers an exciting work environment with full benefits:

- Informal working environment
- Comprehensive employee benefits package
- San Diego suburb by the Pacific Ocean
- Technology oriented
- Small project teams
- Fast-paced

Interviews are available through the Career Services Office for Monday, October 23, 1995. For more information contact:

Stephanie Steers
Recruiting Coordinator
ViaSat, Inc.
2290 Cosmos Court
Carlsbad, CA 92009
(619) 438-8099

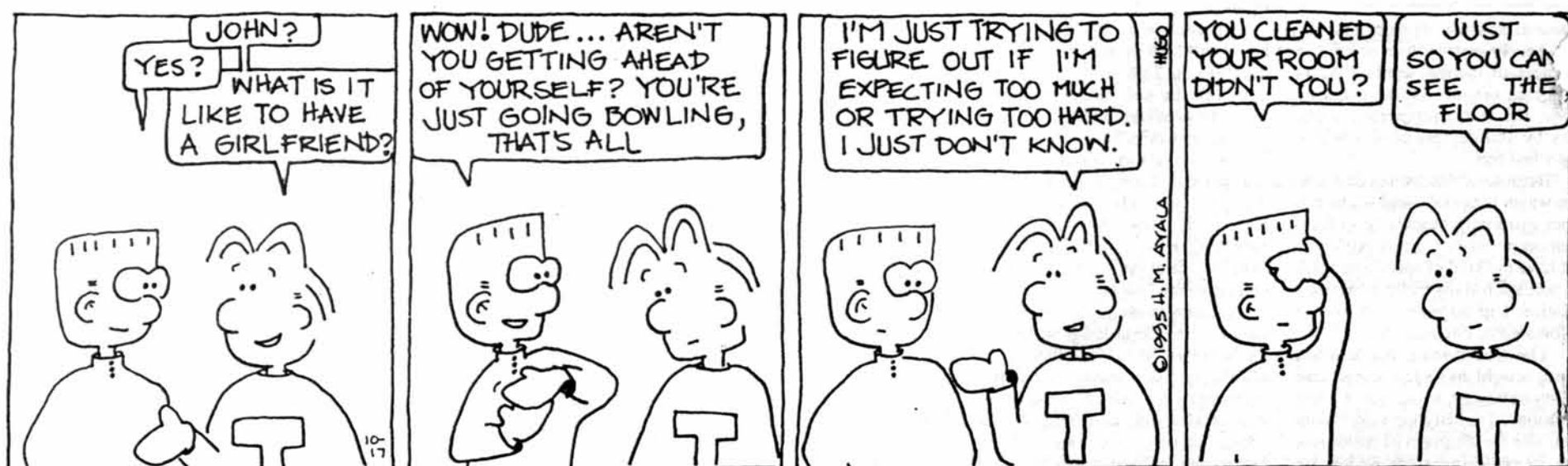
For additional information visit ViaSat's home page on the Wide World Web at:

www.viasat.cerfnet.com

ViaSat is an Equal Opportunity Employer. Minorities are encouraged to apply.

Off Course

By H. Ayala



SO YOU'RE GOOD IN MATH

If you have a strong math aptitude and a business orientation, (math major not required) the actuarial profession offers unlimited career potential.

The Equitable, a financial giant, is one of the nation's largest life insurance companies. As a member of our Actuarial Development Program, your skills will be developed through a series of varied job assignments and continued formal education.

A unique work-study summer internship is also available.
(Housing will be provided for interested students.)

To learn more, come to my presentation on October 19 at 4:30 p.m. in Room 507 of the Harvard Science Center.

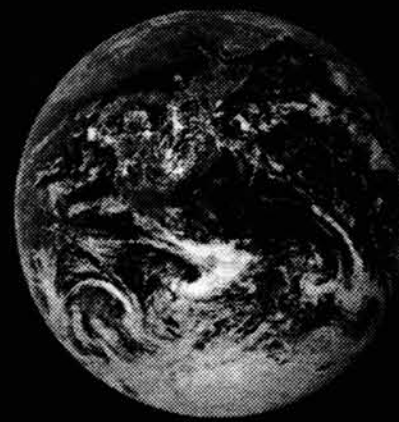
Denis W. Loring, SM '71, FSA
Senior Vice President



THE
EQUITABLE

787 Seventh Avenue, New York, N.Y. 10019
Equal Opportunity Employer

**IF YOU'RE NOT RECYCLING
YOU'RE THROWING IT ALL AWAY.**



Call 1-800-327-9886 or write Environmental
Defense Fund, 257 Park Ave. So., NY, NY 10010



This space donated by The Tech

Our reputation scans all corners of the world.

As an internationally recognized leader in information services and software technology, Information Resources, Inc. provides top companies with decision making tools to improve the businesses that impact our daily lives. We serve the companies that serve you. With a client base ranging from major retailers to the largest consumer packaged goods manufacturers, IRI continually recruits ambitious individuals with diverse educational backgrounds — from the finest colleges and universities in the country. For a closer look at opportunities in client service, software development and market research, attend our on-campus presentation:

Wednesday, Oct. 18th
Building 4-163
8-10pm

With offices around the globe, IRI opens the door to a world of opportunity. If you like what you hear, send your resume to:

Julie Forster, College Recruiting, Information Resources, Inc., 150 N. Clinton Street, Chicago, IL 60661-1416. On-campus interviews will be scheduled in upcoming months. IRI is an equal opportunity employer m/f/d/v.



**information
resources**

**Make a birthday
wish come true:
A party at Ryles,
catered by the S&S.**



(O.K. So it's our birthday wish.)

How do you make an event special? Great food. And music.

If you're throwing a party for up to 200 people, it doesn't sound or taste any better than our party combo. The newly refurbished Ryles has a state of the art sound system and a great dance floor. And the S&S just won the award for best caterer from the Cambridge Chronicle.

So call today. Before we're booked up. (We wish).

JAZZ RYLES CAFE

354-0620 • INMAN SQUARE • CAMBRIDGE, MA

S&S
Restaurant