

## EECS to implement new transfer policy this fall

By Linda D'Angelo

With its "enrollment crisis" over, the Department of Electrical Engineering and Computer Science has recently lifted its policy of "accepting no transfers," according to Professor Leonard A. Gould '48. Course VI was the only department to ever have such a restriction.

After increasing over several years, enrollment in EECS reached problematic proportions in 1983. Well in excess of the department ideal of 270, the number of sophomores declaring Course VI in 1983 totaled 385. The following spring over 150 freshmen were denied entry into 6.001 when 700 students vied for the 400 available spaces, according to Gould.

Since the number of faculty in EECS stays relatively constant, "when the student body doubles you just don't have the resources" to handle them all, Gould said. An enrollment increase this rapid usually does not sustain itself for an extended period of time. Therefore, unable to guarantee new instructors a strong chance at tenure, EECS was wary of significantly increasing the faculty, he explained. In many cases graduate students in the department were called on to help.

Unable to prevent MIT sophomores from choosing Course VI, EECS decided to restrict enroll-

## 6.003 format changes to add four projects

By Adnan H. Lawai

Changes have been made to the format and teaching style of Signals and Systems (6.003) this term, according to Professor William M. Siebert '46. The changes will not affect the content of the material taught, Siebert said.

Students enrolled in this spring's version of 6.003 will work on four projects. Part of each week's homework will be a piece of an ongoing project, according to Siebert, who is lecturing the subject this term.

Students in last fall's version of 6.003 were required to do two projects as a major part of their course syllabus. This marked a significant change from previous versions of 6.003, which did not include any such extensive projects.

According to Siebert, who has been teaching 6.003 for a number of terms, the change was part of the department's continuing efforts to improve the format of

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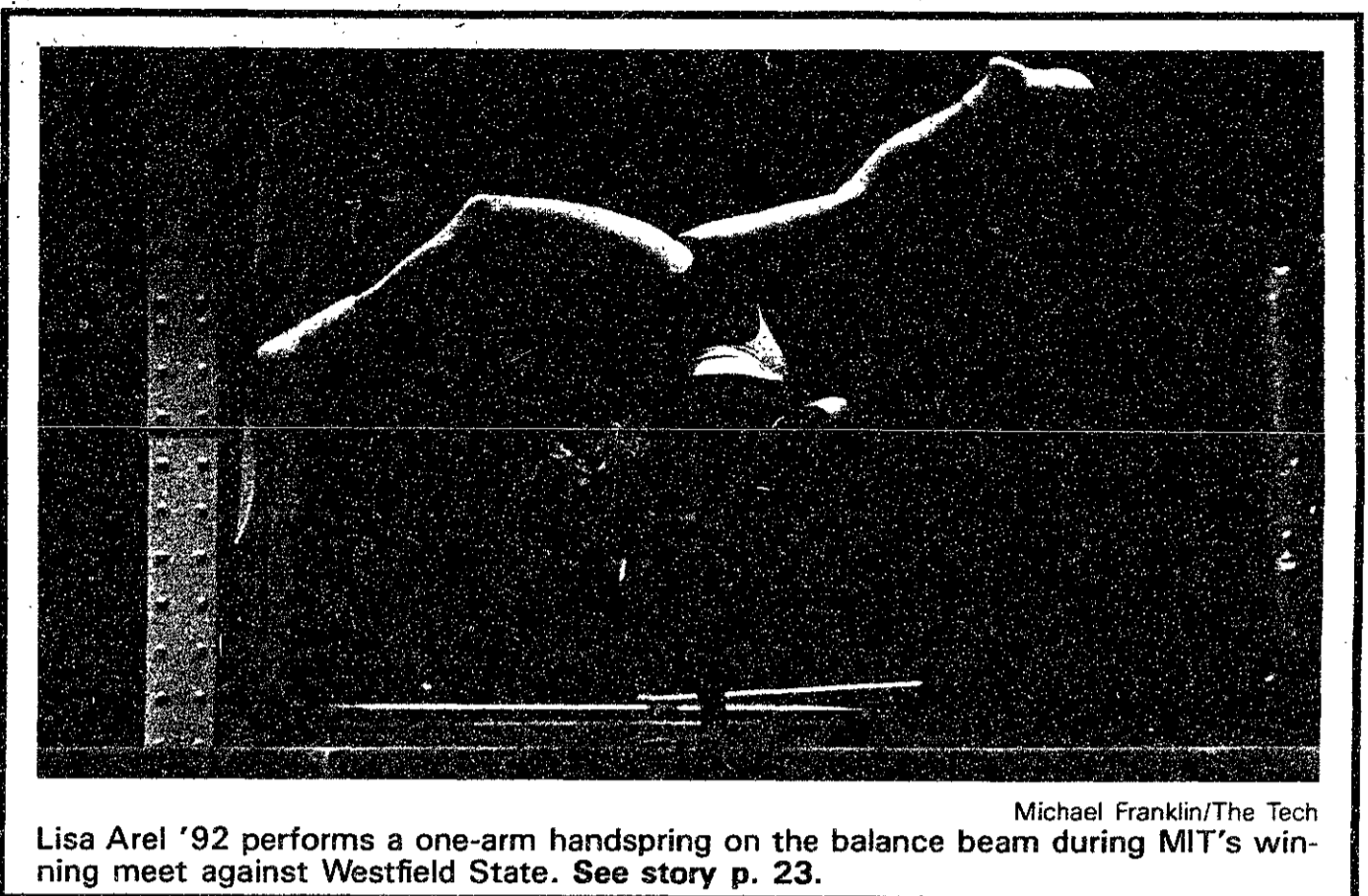


Photo courtesy MIT News Office  
Prof. William M. Siebert '46

ment of transfer students in the department. In 1984 the Committee on Educational Policy, now the Committee on the Undergraduate Program, granted "special permission for this zero enrollment" which was implemented immediately, Gould explained. For the past five years this restriction has been in effect.

In practice, this policy was carried out by two offices. EECS no longer accepted petitions from transfer students who, enrolled in other MIT departments, wanted to switch to Course VI. And the Admissions Office no longer "turned a blind eye to choice of field" of the transfer applicants to MIT, according to Marilee Jones, associate director of admissions.

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Lisa Arel '92 performs a one-arm handspring on the balance beam during MIT's winning meet against Westfield State. See story p. 23.

## Farber gives first final exam on Athena network

By Prabhat Mehta

Despite an end-of-the-term network problem which dragged on into Independent Activities Period, Professor of Economics Henry S. Farber successfully administered the first final exam utilizing Project Athena computers. The system "worked flawlessly," according to Farber, who used the services of Athena for his Econometrics (14.31) class last term.

The class, which focuses upon statistical analysis of economic

data, used Athena computers all term in problem sets. Farber carried out rigorous statistical analysis for both problem sets and the final examination on Athena. The administration of the final examination was unaffected by a component failure in the Institute network on the last week of classes. Athena, the principal user of the network, was non-functional for one day, according to Network Manager Jeffrey I. Schiller '79. The component failure, how-

ever, reduced the efficiency of the system for about one month, he noted.

"The component failure was very hard to find," Schiller said. But since the failed component "implements the lowest level of the network," Athena did not suffer from immediate consequences.

Schiller explained that in cases of component failure, repair, after the failed item has been found, is often further delayed

because replacement parts are difficult to acquire. The difficulty arises from the fact that Athena is often forced to use components that are manufactured by a single company. "We are at the mercy of that company," Schiller said.

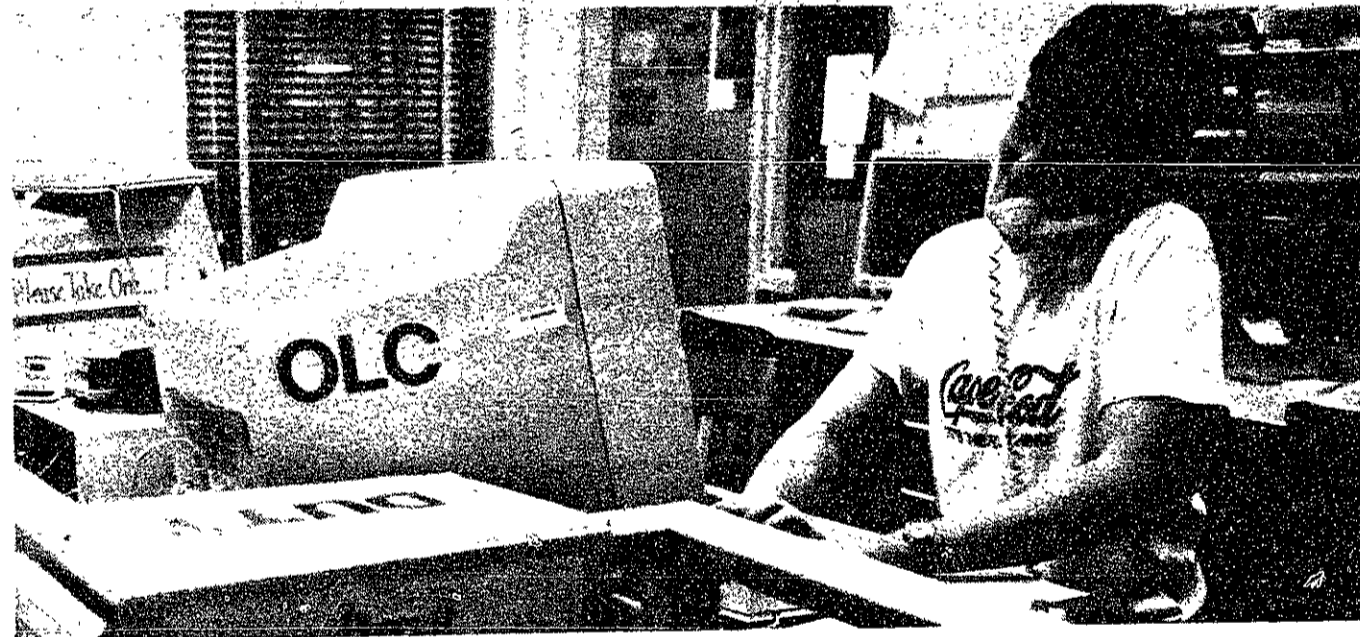
### More classes using Athena

Although no courses have yet been scheduled to utilize Athena during finals week this spring, the number of Institute courses using Athena for general purposes is on the rise, according to Ademola Aderibigbe, the project's faculty liaison. Some professors this term are also using Athena for "different" applications, Aderibigbe added.

An Athena classroom with color machines in Building 7 will be used by two mechanical engineering classes this term to aid in course work, Aderibigbe explained. The two classes, Heat and Mass Transfer (2.51) and Heat Transfer (2.54), continue the Department of Mechanical Engineering's tradition of finding innovative educational applications for Athena, Aderibigbe noted.

Farber noted that he has used Athena in his 14.31 class for several years now. "It is tailor-made for the class," Farber said. More and more students come to him each term wanting to use the computer for their theses, Farber added.

"Athena's key mission is to improve the quality of undergraduate education," and the project will keep that goal as it "branches out" into new fields, Aderibigbe explained.



Lisette W.M. Lambregts/The Tech

Jim Rees '89, an OLC Athena consultant, tackles two problems at once.

## AIDS researchers seek long-term answers

By David Rothstein and Niraj S. Desai

Long-term prospects for the biomedical and sociopolitical control of the Acquired Immune Deficiency Syndrome epidemic were the topics of Tuesday's symposium on "AIDS: Long Term Prospects."

The symposium was held in Killian Hall in honor of the late Robert Swain Morison, who became Class of 1949 Visiting Professor at MIT upon his retirement from Cornell University in 1975.

Provost Emeritus Walter A. Rosenblith, who introduced the symposium, told the audience that AIDS would have been a subject "singularly congenial to [Morison's] concerns." The first of the event's two sessions was devoted to biomedical aspects of the disease.

William Haseltine, chief of the Laboratory of Biochemical Pharmacology at Dana Farber Cancer Institute, began the symposium with a discussion of the prospects for prevention and cure of AIDS. Despite the great advances

made in understanding the virus that causes AIDS since it was discovered in 1984, the disease remains an incurable one, Haseltine said. It is estimated that 85,000 people in the United States show signs of the AIDS virus, and an additional two to four million people carry the disease but do not yet show signs of the virus, which can remain dormant in the human body for five or more years.

"At this point, we cannot predict with confidence when, or if, a vaccine will be developed," Haseltine said. Scientists are more likely to devise a way to control the virus than to eliminate it, according to Haseltine.

"AIDS [was] designed by nature to cohabit with us for a long time," he said.

Haseltine described three stages of the AIDS infection: an early, rampant stage, characterized by fever, when the virus is present in high level; a two- to 10-year quiet stage, when the virus level drops; and a final 1 1/2- to 2-year terminal stage, during which the virus level again rises,

almost always resulting in death.

Haseltine said that researchers' aims are to prevent the virus replication from reaching the terminal, prolific stage. He described a rare instance — one in 5,000 cases — in which the AIDS virus is dormant. There is some hope, he said, doctors will be able to drive AIDS victims into this so-called silent stage, but that is a hope for the distant future.

When speaking of the long-term fight against AIDS, Haseltine spoke in terms of decades. Society must begin to think of AIDS patients as, for example, diabetics, who require life-long treatment.

"We will be extraordinarily fortunate if we can put [AIDS patients] into remission," he said.

Gerald Friedland, professor of medicine at Montefiore Medical Center, followed Haseltine by discussing the prospects for treatment of AIDS. Friedland described his reactions to treating his hospital's first three known AIDS patients — three male drug users who had contracted what

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## inside

Not-so-normal-views, photographs by Tricia Majkowski in the Wiesner Gallery. Page 11.

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Korean Ink Drawings at MIT Museum by Chung Shin Lee. Page 13.

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Women's gymnastics sets new team record in victory over Westfield State. Page 23.

# PLO's history of terrorism is barrier to peace talks

## Reporter's Notebook

By Andrew L. Fish

(Editor's note: Andrew Fish spent three weeks in Israel on a trip for college newspaper editors sponsored by the World Zionist Organization. The following is the second in a series of three reports.)

For Israel's Deputy Foreign Minister, it was a golden opportunity. He was chairing a conference on airline security, and a press conference announcing the event was held a little more than a week after the bombing of Pan American Flight 103. As far as Benjamin Netanyahu was concerned, the bombing and the United States decision to begin a dialogue with the Palestinian Liberation Organization could not be seen as isolated incidents.

"You cannot say you are fighting terrorism while talking to the terrorist," Netanyahu asserted. "By having these kinds of talks you're saying that terrorism pays."

While Netanyahu did not say that the Palestine Liberation Organization was responsible for the Pan Am bombing, he was quick to point out that the organization was known to have the technology used in the attack. Also, "the PLO is both the pioneer and practitioner of aerial hijacking." It was the first to hijack an aircraft, and to carry out a gun and grenade attack on an airplane.

Clearly, Netanyahu, a member of the right-wing Likud bloc and former ambassador to the United Nations, was working to undo the effects of the Palestinian National Council's resolution and Yasser Arafat's later statements which renounced terrorism and accepted Israel's right to exist. "The political benefit that the PLO has reaped in recent weeks has encouraged terror the world over," the minister lamented.

Even if Arafat meant the words he uttered in Vienna, Netanyahu asserted that there would always be someone to "out-Arafat Arafat." He noted that terrorist incursions along the Lebanese border had continued, even after the PNC resolution. While some had been attributed to factions at odds with Arafat's Fatah organization, Netanyahu believed the PLO was "the master of creating its own splinter groups" so leaders could deny responsibility for attacks.

The complicated network of terrorism was like a hydra, Netanyahu said. "You do not fight a hydra by shaking one head. Terrorism should be smashed."

### Recognition of the PLO

Israel's refusal to speak with or recognize the PLO is one of the major barriers to peace in the West Bank and Gaza strip. Some, like Netanyahu, believe that speaking with the organization would legitimize terrorism, and doubt whether the PNC and Arafat can be trusted to



The flags of Israel and Lebanon stand at the border between the nations. Israeli officials cite attempted incursions along the border as evidence that the PLO is still a terrorist organization.

keep their word.

"If Arafat says he's condemning terrorism, we don't take that at face value," said Chaim Yehoyada of the Foreign Ministry's Center for Political Research and Planning. "If he agrees to a state in the West Bank and Gaza, we don't take that at face value."

"Americans look for magic words," Yehoyada said. But in the Middle East "words are not respected," so the US move was premature.

"The Middle East is an area where double-talk is the standard, not the exception," said Israeli President Chaim Herzog. He charged that PLO uses "the flexibility of the Arabic language . . . to say one thing and mean another." Given this, "the wisest approach is to point to the activities." This has been the approach the Israelis have taken; Herzog cited Arafat's alleged threat against the mayor of Bethlehem, as well as the Lebanese incursions, as evidence that the PLO has violated its pledge to shun terrorism.

[Such efforts seem to be having an effect. On Wednesday the United States formally notified the PLO of its "serious concern" over the PLO's clash with Israel in southern Lebanon. The State Department was also reported to be upset about Arafat's threat to shoot anyone who proposed an end to the *intifada*.]

"From our point of view to negotiate with the PLO is a question of existence," Yehoyada said. He believed that since there were "so many families in Israel destroyed by

Israeli soldiers stop at food stands near the Lebanese border.

terrorist activities," it would be impossible to talk with the organization.

Given the Israelis' refusal to speak with the PLO, it seems impossible to bring an end to the uprising in the occupied territories. Foreign Ministry spokesman Alon Liel suggested two possibilities — elections on the West Bank or an international conference with a joint Palestinian-Jordanian delegation, but he believed that both were unlikely, given the current Israeli government. "We have to try to come up with initiatives to break the deadlock," he admitted.

Liel noted that Defense Minister Yitzhak Rabin has talked with Palestinian leaders in the territories. "The question is who are the leaders [of the Palestinian people]."

Palestinian newspaper editor Hanna Siniora said the question was ridiculous. A poll conducted for his newspaper found that 93 percent of Arabs in the territories supported the PLO, with 71 percent backing Arafat's Fatah organization.

Liel suggested that a leadership elected without PLO involvement could be an acceptable negotiating partner, even though it is "quite clear that elections would yield PLO supporters." Liel believes such a scenario would even benefit the PLO. "Arafat must sacrifice publicity, but he could gain people he actually controls." Now that the United States was speaking with the PLO, it could pressure Arafat to "stay out" of the elections, Liel believed. But Liel was not even sure this idea could get support in the government.

Herzog was less optimistic. He charged that the main purpose of the PLO was to prevent internal leadership from forming. "I don't see negotiations, period, in the near future."

rejected by Morris Zilka, director general of the Department of Information of the World Zionist Organization. "Israelis love land," Zilka declared, "but there are people [living] there." "In the Bible Iraq is part of the Jewish land. I'm from there, and I would like it," he joked. It is just not reasonable to force people off their land.

He pointed out that there was plenty of room for expansion within Israel — "the Negev is empty, the Galilee unsettled." Sixty percent of the problem in the territories would be solved when Israeli settlement in the territories stopped, and "we are coming close to that."

Zilka acknowledged that many people found the notion of a state of Palestine in the territories unacceptable. "If we are allergic to Palestine, let's call it a cucumber or watermelon," he proposed. "But this watermelon will be created at some time."

Also, some argue that a Palestinian state would endanger Israeli security. "Our fears are justified," Liel stressed. "Israel has the right to secure borders."

David Kreiselman of the government press office took our group to a hill in the West Bank where one could see clear to Tel Aviv and the Mediterranean Sea. Tanks could roll right down the hill and capture the country, he said. He rhetorically asked what would Israel do if enemy tanks, from Palestine or another state, appeared on the hill one day.

Kreiselman believed any talk of establishing a Palestinian state with any Israeli security presence was "political masturbation," as no Arab would agree to it. Hence, the security concerns would always be present.

But Siniora dismissed such worries. "Israel can rely on its military strength," he said. "Israel is the regional military power. How come Israel is asking security from us?"

### The nature of a Palestinian state

The security issue depends largely on the nature of a Palestinian state. Questions such as whether the state would be independent or in a confederation with Israel or Jordan, whether it would be demilitarized, whether it would still have an Israeli security presence, and whether it would be a secular or Islamic government would all have to be answered before the danger could be assessed.

But regardless of the nature of the state, many of the Palestinians outside the territories would not choose to live there. One who would stay in Israel is Antoine Shaheen, an Israeli Arab from the Arab city of Nazareth. Shaheen, a Roman Catholic who is current the city's minister of tourism and is planning a race for the city council or mayor, said that "99 percent of Israeli Arabs" would stay in the country.

Israeli Arabs have been loyal to the country through five wars, he noted. In Israel they have political and religious freedoms. Now when there is a problem with the government, Israeli Arabs can complain and also have the power to vote. On the other hand, a Palestinian state would likely be an Islamic republic where such freedoms would not exist, Shaheen believed. He also noted that the PLO itself was not democratically-elected organization.

Conditions have been good enough for the number of Arabs living in Israel has doubled during its 40-year history. Also, Shaheen believed that the Arab and Jewish communities in his area had "good relations."

"I wouldn't call myself pro-Israeli, but I'm a moderate man," he said.

Arabs in Israel feel for their brothers in the territories "on a human level, but not necessarily on a political level." Shaheen believed the territories would eventually have an interim period of autonomy, followed by a confederation with Jordan.

### Peace is economic necessity

Siniora admitted that "attitudes have to change on both sides" for there to be a lasting peace. But he believed that "the superpowers cannot afford conflict all the time," and said "we have no option but to live together."

Zilka was the most optimistic on the prospects for peace. "The main thing in the world today is the economy." Economic warfare has replaced military warfare as the main offensive force of a government, he believed.

In 1992 there will be a united European Economic Community which will further challenge other nations, Zilka noted. Fifty years ago the countries of Europe were at war.

"I think this region will move to peace, we have no other choice," Zilka said. "I think the Arabs realize they can't benefit from war."

"Forty years is not enough time to build a state," Zilka said. Now "the cup is half full, not half empty." The region is "moving toward peace now more than ever."

Andrew L. Fish/The Tech

Andrew L. Fish/The Tech

### Search for reciprocity

Siniora, who Foreign Ministry officials characterized as a Fatah supporter, said, "If we make an agreement we will keep it." But he hastened to add that such an agreement "must be made with an organization." He said that, for example, as an individual he certainly had no authority to negotiate on behalf of the Palestinian people. Through the PNC resolutions, which "have to stand on their value," the Palestinians showed their willingness to live in peace with Israel. "What we are waiting for is . . . reciprocity" from the Israelis.

Siniora said that the PLO splinter groups still engaged in terrorism are the "expression of the secret services of Syria and Libya," and not the Palestinians. But "we have to understand that there is something called resistance." He said that former Prime Minister Menachem Begin and Prime Minister Yitzhak Shamir could have also been called terrorists at one time. In any event, "violence can only be ended when we start talking to each other."

Israel's reluctance to negotiate with the PLO can also be attributed to a reluctance to give up the occupied territories. One argument is nationalistic — at a rally protesting the United States dialogue with the PLO a speaker declared, "We have no territories; we only have a homeland."

This statement, relying on Biblical claims to the land, is

# news roundup

from the associated press wire

## World

### Leftists win Jamaica elections amid reports of violence and gunfire

Michael Manley, who led a pro-Cuban socialist government in the 1970s, swept to victory in parliamentary elections in Jamaica yesterday. Manley defeated conservative Prime Minister Edward Seaga in an election marred by gunfire and allegations of widespread fraud.

With 65 percent of the ballots counted, the government-run television network declared Manley party the winner of at least 34 of the 60 seats in Parliament. The network declared Seaga's party the winner of eight seats, with the remaining 18 undecided. In the popular vote, Manley's left-leaning People's National Party led Seaga's right-of-center Jamaica Labor Party vote 57 percent to 43 percent.

At least a dozen people have been killed since the campaign opened last month.

### Boeing 707 voice recorder found

Authorities on the Azores Islands have found the voice recorder from a chartered US jetliner that crashed into a mountain, killing 144 people. Officials say they hope the recorder will help explain why the pilot of the plane steered the Boeing 707 into the mountain while trying to land in fog. The crash claimed the lives of the seven-member American crew and the 137 Italian passengers.

## Sports

### "Magic" Johnson not to play

"Magic" Johnson will not play for seven games to ten days because of a torn left hamstring incurred during last night's loss to Golden State. The injury also means the Los Angeles Lakers guard has been scratched from the All-Star game this weekend.

Rubes

By Leigh Rubin



Nanook's first mistake was flying without enough fuel. His second... kissing the ground after miraculously surviving the crash.

### Bush calls for balanced budget amendment, line-item veto

When George Bush was elected vice president in 1980, the Republican ticket had campaigned to balance the federal budget. President Reagan never achieved that goal in his eight years in office. Now, as president, Bush is still pursuing the elusive goal of a balanced budget. To accomplish this goal, President Bush is renewing two of the favorite campaigns of his predecessor.

In last night's budget message to Congress, the President called for passage of a balanced budget amendment. He also wanted a line-item veto. Bush called the balanced budget amendment "the most fundamental change needed" in the federal budget process. He called excessive spending "a well-known and chronic affliction of democracies." Bush said the remedy is to make "pay-as-you-go" part of the Constitution. The president noted that virtually all of his predecessors asked for the line-item veto. They did not get it, but Bush still wants the authority to strike out individual items without having to veto an entire spending bill.

### Duke to file federal reports

Governor Michael Dukakis' presidential campaign has not yet filed federal reports covering more than \$3.1 million in expenses which cover the final month of last year's race for the White House. Jack Corrigan, a former campaign aide who now works in the Governor's office, said yesterday expenses were not reported because the money went out in the form of vouchers to staff. Accountants were awaiting the documents needed to report what the money bought. Corrigan said the pace of the campaign in the closing weeks delayed all the paperwork from coming through. According to a report filed last week, Dukakis had more than \$3.9 million dollars on hand with nearly \$1.3 million in unpaid debts. This would indicate that the campaign had a surplus of some \$2.6 million. But Corrigan says the report does not include more than \$3.1 million in vouchers that were paid out but not listed because the supporting documents were not yet available. Figured in with the money owed to the campaign and the cash on hand, Corrigan figured the campaign should wind up within \$35,000 of being broke.

### Appeals court turns down government bid in North trial

A federal appeals court has upheld the Iran-contra judge in turning thumbs down to a government attempt to intervene in Oliver North's trial. The Justice Department is trying to force more stringent controls on the use of classified material by North's lawyers.

### Citizens ask for better airport security

Relatives of people killed aboard Pan Am flight 103 asked Congress yesterday to speed up efforts to tighten security against attacks on airlines. And they told lawmakers the government must do more to warn passengers about threats.

### Jewish group denied permit

Two New Orleans City Council members have refused to issue a last minute parade permit to a New York-based Jewish group. The Jewish Defense Organization says it will still protest David Duke's race for the state legislature — but the group will rally indoors instead. Duke, a former Ku Klux Klan leader, is facing a runoff vote next week.

## Local

### Proposal to share strains relations

A proposal that the communities of Swampscott and Lynn share sewer systems and schools is straining relations between the two towns. The proposal has obvious financial advantages for both the wealthy Swampscott and the industrial city of Lynn. But Swampscott is reluctant to open its schools to students from Lynn, producing resentment in the adjacent city. Lynn Mayor Albert Divergilio said yesterday that he feels the people in his neighboring community "feel that perhaps they are a better class of people because they are all white and affluent." Swampscott is under a court order to improve its sewage treatment system.

### Aid vote put on "indefinite hold"

A legislative vote on the amounts of state aid cities and towns can expect to receive next year has been put on "indefinite hold." Steven Pierce, a House Republican leader, said today the move could put hundreds of local budgets in jeopardy. In recent years, the legislature has voted on a "local aid resolution" in February — months in advance of the rest of the budget — so the administration could notify local governments in time for the spring town meeting season.

But this year, the vote on the resolution has been held up due to the extraordinary uncertainty on Beacon Hill over the current budget deficit. Pierce said that placing the budget on hold is a prudent move considering the situation at the present time. House Ways and Means Chairman Richard Voke said he was unaware of any delay in local aid. But he also said that he did not have any specific timetable for bringing the resolution to the floor.

### Mass. man found dead in Maine

A Massachusetts man found dead on a bridge in York, ME, was shot in the head, but it is still unclear if he committed suicide or was murdered. Oliver C. Skidgell, 60, of Lynn was shot once in the head shortly before he was found by a state trooper on the York River Bridge at 3 am on Tuesday. Divers who dragged the tidal river for the gun gave up the search yesterday after two days. Investigators speculated that if Skidgell committed suicide the weapon may have fallen off the bridge and onto an ice floe.

## Weather

### Short warming break, then more cold

After yesterday's bout with Arctic wind chills, we will see moderating temperatures as the weekend approaches. Although today will be on the cool side, the prevailing winds will shift to become southwesterly by Saturday morning — bringing warmer air to our region. By Sunday, clouds will return to Boston as a frontal disturbance heads our way.

**Today:** Morning sunshine will give way to a mixture of clouds and sun. It will be cool with high temperatures 25-30°F (-4°C to -1°C). Winds will be westerly at 10-15 mph (16-24 km/h).

**Tonight:** Clearing and cold with low temperatures near 15°F (-9°C). Winds will shift to become southwesterly by morning.

**Saturday:** Mostly sunny and warmer. Highs near 40°F (4°C).

**Sunday:** Mostly cloudy with a chance of snow flurries. High near 35°F (2°C).

Forecast by Robert Black

Compiled by Annabelle Boyd

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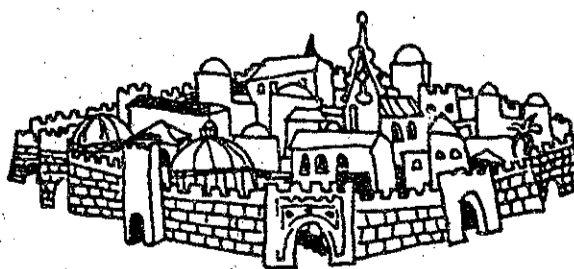
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# opinion

Column/Barry Klinger

## El Salvador oppression persists

After several years off the front pages of newspapers, El Salvador is once again returning to the headlines. The government that the United States helped create is politically bankrupt and expected to lose the presidential election in March. The civil war for which US taxpayers have paid \$3 billion is escalating in intensity. And the death squads that Ronald Reagan assured us were declining are now killing more people again. Meanwhile the guerrilla umbrella organization, the Farabundo Marti National Liberation Front (FMLN), has made a controversial peace proposal.

Tiny shifts in policy here in the United States can mean life or death for thousands in Central America, so it's important that we remember El Salvador, remote and tiny as it may seem. But if we are to have any say in United States policy, we must understand how El Salvador got to where it is today.

The civil war that has already killed seventy thousand (out of a population of five million) has its roots in the explosion of participation in politics that began in the late 1960s. For generations, El Salvador has been ruled by military dictatorships protecting the interests of a few rich, land-owning families. The previous serious challenge to the dictatorship was a peasant uprising in 1932. The military easily crushed the uprising and retaliated with the "Matanza," or massacre. In the Matanza, the military killed at least ten thousand in retaliation for a failed peasant uprising that killed about one hundred people. But a number of factors converged by the 1972 election to make the dictatorship totter.

During the 1960s the dictatorship allowed greater political space for opposition. For instance, it stopped fixing the elections. The Catholic Church, which had formerly encouraged the peasants to accept their misery passively, now called for "far-reaching, daring, urgent, and profoundly innovating change" in order to end "a situation of injustice that must be recognized as institutionalized violence." The economic problems were distressingly similar to the one that had caused the uprising of 1932. True, El Salvador was industrializing and its GNP was growing, but precious little new wealth trickled down to the desperately poor majority. And just as coffee growers stole lands from thousands in the early years of this century, so the number of landless peasants increased

throughout the 1960s. In response, tens of thousands of peasants and workers joined unions, political organizations, and Church groups that clamored for an end to repression and the implementation of economic reforms that would break the tight grip the wealthy minority had on the country. Such was their growing power that despite repression, a coalition of the centrist and center-left parties headed by José Napoleon Duarte and Guillermo Ungo actually won the election. Then the army stepped back in, voided the election, and clamped down on the movement. For the next four years, despite murder and torture, despite the government-sponsored network of informers and killers known as ORDEN, the movement grew.

After the 1977 elections, again marked by fraud, repression increased. Now the army fired with machine guns on peaceful demonstrations. Yet the government grew evermore vulnerable. In 1979, a group of reformist military officers, with US approval, launched a coup and invited opposition leaders into the government. The United States hoped that in this way some reforms would be instituted before the country was so polarized that a radical, possibly anti-US regime came to power.

Land reform, nationalization of the banks, and other measures were drawn up. But the army was still in control. Working hand in hand with paramilitary "death squads" similar to ORDEN, it increased killings to one thousand a month.

In 1980, as the army butchered tens of thousands, tiny guerrilla groups swelled with new recruits and united to form the FMLN. Most of the civilians resigned from the government to protest the massacre — and fled the country. Duarte stayed in the government, attempting to bring extremely limited reform to a regime still controlled by the army. Ungo went into exile to continue the struggle for more fundamental change.

Thus was born El Salvador the "fledgling democracy," where reform and repression go hand in hand. Electoral fraud was minimized — but opposition politicians were murdered. Some large farms were carved up to form co-operatives — and those who were elected to be leaders of the co-ops were "disappeared." In the United States, "violence on both sides" is bemoaned, but in fact the overwhelming majority of the forty thousand civilians murdered since 1979 were opponents

of the government. The military and the wealthy are made to share a little power with reformers, but they are given massive military and financial aid with which to carry on the killing.

Duarte's supporters said the he represented the only hope for change in El Salvador. But he served as the perfect public relations ploy for a military establishment that badly needed a better image if it was to get United States aid it needed to survive.

Despite this sad status quo, by 1984 the consensus in Washington supported this policy in El Salvador. Congress expected that Duarte would be able to satisfy the population's desire for change while the US-supplied army would destroy the guerrillas.

Neither happened.

Barry Klinger G is a member of the MIT Committee on Central America and has followed events in El Salvador for eight years. This is his first in a series of columns on El Salvador.



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## feedback

### Some services waste Student Center space

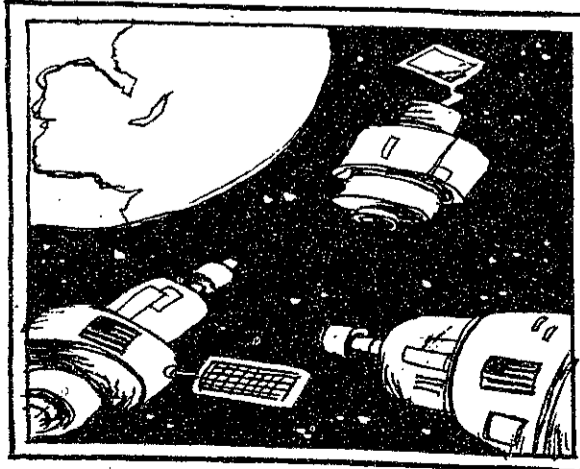
To the Editor:

The beginning of the new term begins a new period in the life of the Student Center. Many new services are available. Most of them are great: graphic arts, Newbury Comics, etc. Space in the Student Center is limited and I believe that not all of that space is being utilized in the best interest of most students. Case in point is the full service BayBanks office on the first floor. True, having BayBanks machines in the Student Center saves students the half-a-block walk to the corner of Massachusetts Avenue and Vassar Street, but what purpose does a full-service bank serve students? Most students need to go to a full-service bank once a year, if that often. The only purpose this BayBanks branch serves is to insure BayBanks a monopoly over student accounts. Students are the losers in this situation because valuable Student Center space that could be used to provide some useful service, such as a convenience store or non-ARA food service, is being-wasted.

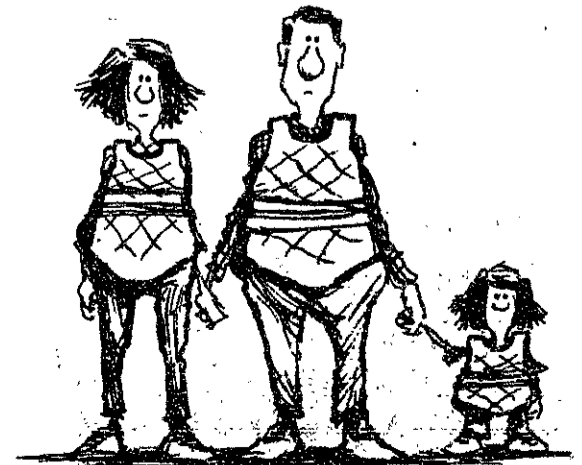
Chuck Rosenberg '89

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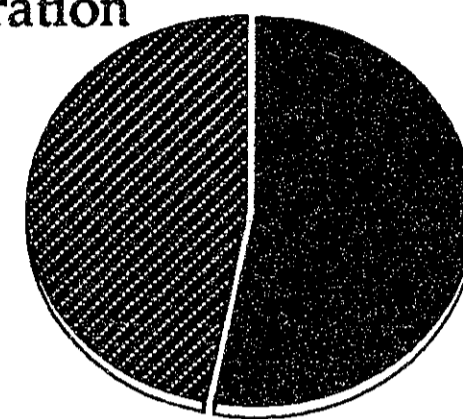
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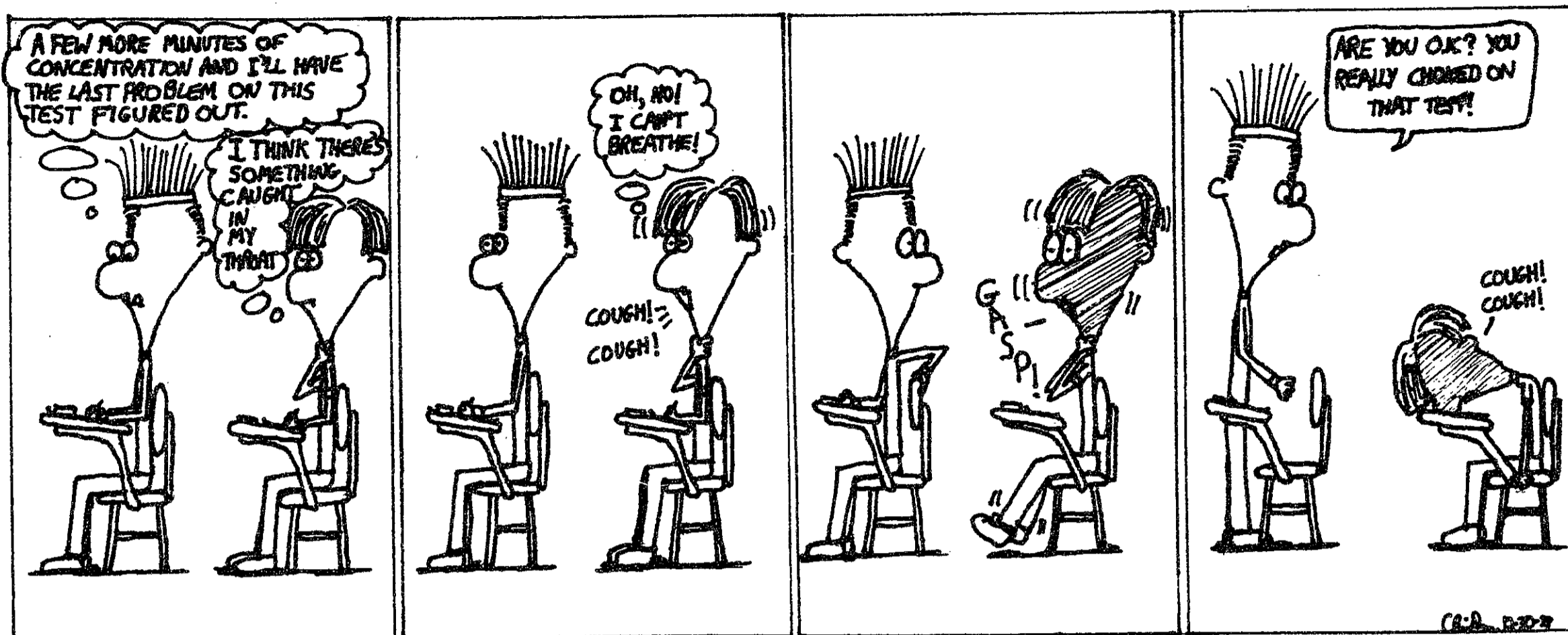
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By Chris Doerr



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## EECS will accept transfers this fall

(Continued from page 1)

Agreeing with Gould, Jones felt that EECS "really did have a serious problem" and so, in an effort to "turn down the heat," the Admissions Office informed transfer applicants of the new restriction from their first inquiries into MIT. All transfer material, admission officers, even acceptance letters told applicants that "openings exist in all departments except Electrical Engineering and Computer Science".

Jones said that this restriction did have an effect on the total number of transfer students who applied for admission to MIT. On average between 100 and 150 transfer students are accepted each year and approximately 70 percent of these enroll. But with the restriction, the number of transfer applicants decreased and those who did apply represented a "much more diverse group," Jones said. It sometimes became difficult to "keep the numbers up [since] there was a quality problem," she commented. MIT "definitely has a certain standard," she said, and rather than sacrifice

this for the sake of statistics, her office "only admitted who they felt were qualified."

### Restriction lifted

Since 1983, enrollment in EECS has declined and Gould believes this is due to "external forces" rather than factors within MIT. With the explosive growth of the personal computer around 1978, and the wealth of "propaganda" that came with it, high school students got excited about the idea of computers, Gould commented.

As a result, the choice to major in electrical engineering and computer sciences became a popular one. Interest increased until recently, when the job market was saturated causing a "recession in the high tech industry," Gould explained.

For the past several years, enrollment in the department has decreased. According to Registrar's figures, 244 sophomores have declared Course VI as opposed to the over 300 seniors currently enrolled in that major. These statistics support Jones' contention that the transfer re-

striction, for both transfers from other colleges and transfers from other MIT departments, had "relieved the problem somewhat".

With undergraduate enrollment pressures lessened, EECS began to focus on the "pent-up demand" of transfer students that "needed to be addressed," Gould explained. On Dec. 1, "the 'no Course VI' restriction was lifted by the Admissions Office and, in tandem, Course VI's restriction on transfers" from other MIT departments was also lifted, Jones said. This meant transfers enrolled in other departments could now petition EECS for admission, Gould said. And Jones explained that all transfer admission material has been "updated" so that "any mention of the restriction has been deleted."

However, EECS is not actively seeking new enrollees in the department, Gould explained. Only a "very small handful of transfer students from outside" will be accepted by the Admissions Office he said, although the specific numbers have yet to be set, according to Jones. As for the transfers now enrolled in other MIT departments, Gould said once they "realize that they must satisfy our requirements, . . . we welcome them."

## Newest version of 6.003 features four projects

(Continued from page 1)

the subject and make it more project-oriented.

As part of these efforts, computer work was introduced into the subject in 1984. Professor Gerald J. Sussman '68, who developed the course in association with Siebert and other faculty members, said that it was hoped that the introduction of computers into the course would enable students to better understand and apply the concepts that they had learned. This move stimulated new problem sets emphasizing creativity, he said.

The more extensive projects introduced last term built upon the project idea. It was hoped that students would have more of a chance to work on the things that interested them. In addition, students were given the opportunity to submit project papers for Phase II of the Writing requirement, according to Siebert.

"Educationally, it was a definite success," Siebert said. Students appreciated the opportunity to work on projects, and faculty members thought that the changes were "valuable," Siebert added.

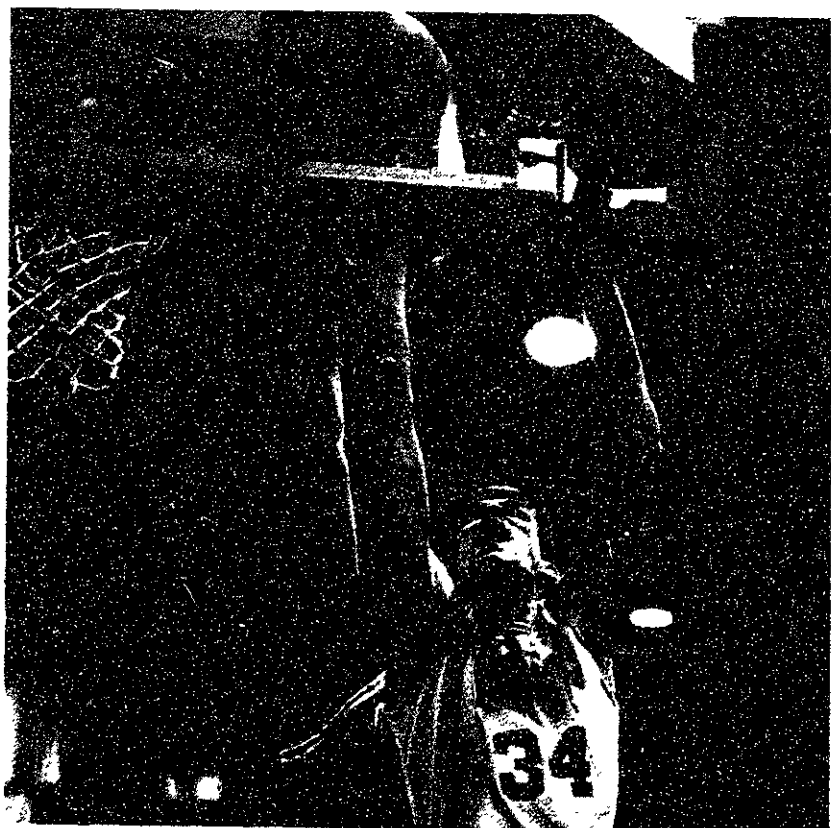
The projects, however, were "a lot of work" for both students and staff alike, Siebert remarked. Some students spent more than 40 hours on each project. The

6.003 staff had to spend more than an hour correcting each student's work. This led to last term's experiment becoming "a very expensive process," Siebert explained.

The projects were not expected to be such a big time commitment. They were planned to take about 20 hours each, according to Siebert. In spite of the extra time required by students for the projects, quality of work was not as good as expected. As a result, staff members also required more time to correct each student's work.

This spring's version of 6.003 will preserve some of the flexibility introduced last term and the idea of having large projects spread over weeks, said George C. Verghese, associate professor of electrical engineering and computer science and co-lecturer for the subject this term.

Projects have been made part of homework assignments in order to prevent last-minute work by students, Siebert said. Students will be required to do some writing in their problem sets in order to explain the project part of their homework assignments. Students will again have the opportunity to write a paper to satisfy Phase II of the Writing requirement. Unlike last term, the paper will be optional this term, Siebert explained.



Michael Franklin/The Tech  
Mike Casagrande '89 reaches for the basket in MIT's game against Connecticut College. The Engineers won, 72-66.

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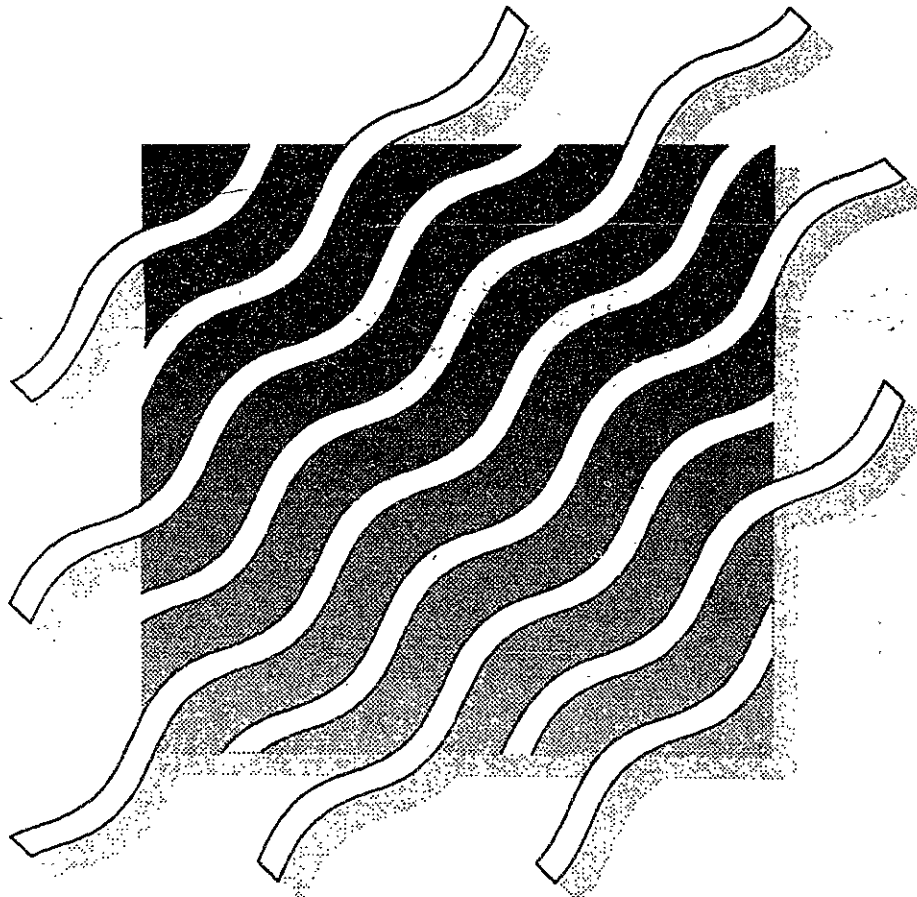
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## AIDS seminar reports no short-term answers

(Continued from page 1)  
until then, was thought to be a gay disease.

"I felt a clear sense of foreboding," he said. "... This was a disease particularly cruel."

Friedland, like Haseltine, noted the great advances made by research scientists into the understanding of the AIDS virus, but said that knowing "how and how not the infection occurs" is not enough to solve what is becoming a "disastrous public health emergency."

"We really are at the beginning of the AIDS epidemic," Friedland explained.

Because no cure is in sight, Friedland felt that society's goal ought to be to focus on clinical care that extends beyond the hospital and takes into account a patient's "environmental needs."

A continuity of care must be developed, he said, for this disease which is "not amenable to one-shot technical care."

Friedland further stressed that drug abuse must be treated along with the AIDS disease. Drug abuse might make preclude any treatment of the disease among these groups for two reasons: abused substances may chemically reduce the efficiency of drugs used in the treatment of AIDS; and drug abusers may lack the discipline to undergo regular treatment.

Friedland ended his lecture on a philosophical note, calling health care workers the "unsung heroes of the AIDS epidemic," and quoting from Camus' *The Plague*: "We learn in time of pestilence that there is more to admire in man than to despise."

### Sociopolitical prospects

"AIDS is the same virus in Africa [as it is in the United States], but it is a vastly different disease," declared Harvard Professor Lincoln Chen. The reaction to, transmission of, and prospects for AIDS vary in different cultures and in different parts of the world, Chen said.

This belief was the motivation behind the symposium's late afternoon session on the sociopolitical prospects of AIDS. Chen spoke on the role of AIDS in Africa, while Yale Law Professor Harlan Dalton discussed the virus' impact on American blacks. Brown University Professor Stephen Graubard, editor of *Daedalus*, moderated the session.

There are important differences between the nature and impact of AIDS in the West and in

Africa, Chen noted. In the United States and Western Europe, AIDS sufferers are principally homosexual/bisexual men and drug users. Heterosexual relations are the major source of AIDS in sub-Saharan Africa, Chen said. The male/female ratio of AIDS victims in Africa is nearly unity, while men form the majority of American victims. Transmission from mother to infant is a major problem in Africa, while it involves relatively few American cases, Chen noted. Also, African reaction to the disease has been subdued in comparison to Western reaction since AIDS is not the major health problem in Africa — malaria and other diseases kill more people.

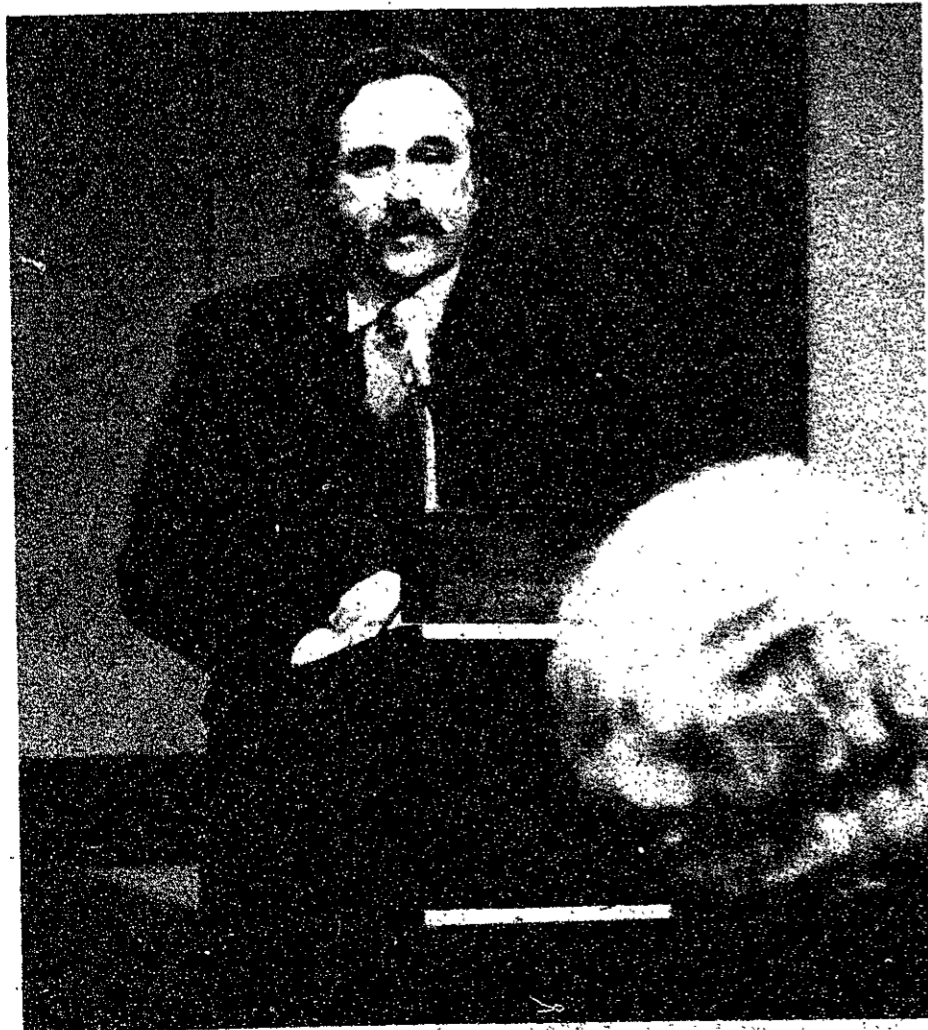
Having discussed the differences between AIDS in the West and Africa, Chen concluded by pointing out the fundamental unity of the epidemic. Only a global effort can contain the spread of the disease, he said.

Dalton sought an answer to the question of why the black community has not adopted the AIDS epidemic as a principal issue in the same way that America's gay community has. About a quarter of diagnosed victims in the United States are black, Dalton pointed out. A large majority of women and children afflicted by the disease are minorities. Even though the rates of infection in other communities are declining, they are still growing in the black community.

Yet established black leaders and organizations have been hesitant to identify themselves with the fight against AIDS, Dalton said.

One major reason that Dalton cited for this paradox was fear of what being associated with the virus would do to the black community's image. Some have suggested that AIDS originated with rhesus monkeys in Africa and then spread to humans, Dalton noted. This strikes many black Americans as implying that black in Africa are both responsible for the disease's spread and have had sexual relations with monkeys. Also, "we [blacks] fear society is going to assume we are all junkies because some of us are junkies," Dalton said, noting that intravenous drug use is one of the major methods of transmission.

While some white Americans feel that black people's fears are baseless, according to Dalton, they fail to understand the depth of the mistrust that still exists between the races in this country.



Lisette W.M. Lambregts  
Gerald Friedland of the Montefiore Medical Center speaks on the biomedical implications of AIDS.

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ARTS

# Pinhole camera used to evoke remembered images of past events

## NOT-SO-NORMAL VIEWS

Photographs by Tricia Majkowski.  
On display at the Wiesner Student Art Gallery, Stratton Student Center.  
Exhibit continues through February 18.

By CHRISTOPHER J. ANDREWS

**T**HE ANTI-TECHNICAL PINHOLE camera has been enjoying greater and greater popularity among fine-art photographers, and the number of students who haven't experimented with some form of this anti-camera dwindles every day. MIT Senior Tricia Majkowski has mounted an exhibit of black-and-white and color photographs that take advantage of the camera's ability not to render with "photographic accuracy" but to distort.

One panel of ten photographs works as a set; together, the casually-framed images stand more as wispy recollections of past times than coldly objective records. With the exception of one conventionally framed and posed shot of a middle-aged couple (presumably the photographer's parents), the images appear just as the kind of emotional scrapbook that might be kept in a youngster's head. The photographs depict the kinds of events present in all of our memories; represented here are a set of universal childhood experiences — a trip to the museum, a roll with Spot in the backyard, or a day at the beach — with a spontaneous and uncontrived naturalness.

In the set of dream-like images the qualities of the pinhole camera conspire with Majkowski's choice of subject matter to create the phantasmal mystique. The always-fuzzy lack of focus contrasts marvelously with the impartial, photographic unmemory possessed only by savants and television equipment, and the pastel, muted colors are far from the crisp, electric hues used in contemporary advertising photography. None of the images depict the sort of eye-catching or important scenes generally considered as "photo-worthy" that we'd expect to see in postcards or family albums, but the link to preverbal memory is made all the stronger by the lack of catchy graphic strength; mental

pictures of past events are retained or discarded according to the strength of emotional associations, not the strength of composition.

A set of six black-and-white figure studies has the gritty, painfully-exposed look typically found in self-portraiture, although each is a photograph of Majkowski's friend Stacy Swider '90. By adjusting her pinhole camera to produce an extraordinarily wide-angle effect, Majkowski distorts Swider's body past disfigurement and almost to the point of unrecognizability (because the camera seems to dispropor-

tionately enlarge the size of nearby parts of the picture and reduces the apparent size of more distant areas.)

Two photographs, however, stand out from the banal plethora of distorted-nude studies created again and again; by posing Swider so that most of her body is equally distant from the camera but for one limb projecting towards the "lens," Majkowski creates the illusion of a normal human body with a grossly unfamiliar projection growing out of it. The disquieting photographs are made further ambiguous by a few featureless shadow spaces; with sever-

al "important" parts of the image obscured by thick black shadow and horrible-looking but vaguely discernible objects butting up against Swider's body, the photographs are deeply disquieting and nearly as open to interpretation as a Rorschach diagram.

The remainder of photographs on display constitute Majkowski's explorations of other widely-employed darkroom "tricks" such as solarization and high-contrast media, although the unmanipulated images are otherwise unnoteworthy.



Photographs by Tricia Majkowski, on display in the Wiesner Student Art Gallery

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organized by Michael B. Parker '89 with Fred Martin G' and Randi Sargent '89

## Jealousy over spouses forges new, more successful friendships in *Cousins*

### COUSINS

Written by Stephen Metcalfe.  
Directed by Joel Schumacher.  
Starring Ted Danson, Isabella Rossellini, and William Petersen.  
Opens today.

By PETER PARNASSA

**T**HE PROBLEM IN CREATING an enjoyable love story is avoiding sentimentality. Directors sometimes allow their characters to wallow in their emotions rather than using them to develop the story. Joel Schumacher's *Cousins* succeeds because he refuses to compromise his characters. They are strong-willed personalities who refuse to give into their emotions until they are forced to succumb.

Inspired by *Cousin, Cousine*, the hit French film of 1975, *Cousins* stars Ted Danson of *Cheers* fame as Larry Kozinski, a married dance instructor who is afraid of success. At his uncle's wedding, Larry meets the uncle's daughter, Maria (Isabella Rossellini). Both of them are waiting for their spouses to return from "driving" and are nervous about what their mates are doing together. This fear drives them closer together. Within seconds, the two of them are exchanging very personal feelings, and their friendship has been initiated.

The next day, Maria accosts Larry at his dance studio to find out exactly what happened between their spouses. They clearly enjoy one another's company and semi-consciously decide to get even with their mates. This revenge consists mainly of spending time together, especially on Larry's boat. This game, however, soon turns into love.

Ted Danson is perfectly cast as Larry Kozinski. He shows a character who is smooth and funny on the outside, yet not content inwardly. He shifts from job to job, claiming that he does not want success when he is actually afraid of it. When he falls in love with Maria, a sense of direction is finally added to his life.

Isabella Rossellini's Maria is equally impressive. Like Larry, Maria is bored with her marriage. Her husband Tom (William Petersen) cheats on her regularly, but she remains with him for the sake of their daughter Chloe (Katie Murray).

While both Larry and Maria are afraid to begin a romantic relationship, they are not hesitant to play up their friendship. The main targets of this act are their spouses. Schumacher uses the conflict between the two unfaithful couples to give the story an added dimension. The relationship between Larry's wife Tish (Sean Young) and Tom is based solely on lust and as a result of this, they never really communicate as people. Larry and Maria, however, have a solid friendship, and this incites the envy of their spouses, who believe that Larry and Maria are lovers.

The situation of the two friends is in fact quite miserable. Both characters are afraid to act upon their romantic impulses

because of the harm it will cause their families. While Larry and Maria are only happy when they are together, they are willing to sacrifice this happiness for the sake of others. Schumacher and cinematographer Ralf Bode perfectly capture the prison-like state of the couple. Individual shots of Larry and Maria are dark and somber. When they are together as a couple, however, light fills the screen. The most revealing shot of the film occurs when Larry and Maria, deciding the fate of their friendship, walk down a flight of stairs. The shadow from the moonlight on the railing encloses the couple in an imaginary jail cell. It is the perfect visual metaphor for the state of their relationship.

While *Cousins* explores serious issues, it is most definitely a comedy. Scene-stealers such as Lloyd Bridges and Keith Coogan as Vince and Mitch Kozinski supply some of the film's funniest moments. In fact, the funniest scene in the film results from

Mitch's videotape of his great-uncle's wedding. Another comedic highlight is Gina De Angelis' Aunt Sofia, who provides the cynical view of love that is so desperately needed in a romance story. An actor who deserves special mention is William Petersen as Tom. It takes a lot of guts to play a character whom the entire cast is supposed to enjoy hating, and Petersen pulls it off wonderfully. There are even moments when the audience sympathizes with his loathsome creation.

A movie which tries to address several issues simultaneously is bound to have directional problems and *Cousins* is no exception. Schumacher and screenwriter Stephen Metcalfe occasionally lose sight of the points they are trying to make, resulting in a truly meandering film. *Cousins*, however, gets so many aspects of human nature and love right that this fault should not stop anyone from viewing this film.



Ted Danson and Isabella Rossellini star as Larry Kozinski and Maria Hardy in *Cousins*.

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## ARTS

**An uncommon opportunity to see updated, but traditional, forms****KOREAN INK PAINTING**

ink paintings by Chung Shin Lee.  
sponsored by the MIT Korean Graduate  
Student Association.  
At the MIT Museum, 265 Mass. Ave.  
Exhibit continues through May 30.

By AMY RAVIN

**T**HOUGHTS OF MUSEUM exhibitions of oriental brush painting usually center on the very traditional paintings of past dynasties. An exhibit of recent paintings of this traditional art form is thus refreshing to view and shows that it has far from disappeared with modernization.

The MIT Museum is currently showing an exhibit of Korean ink paintings by contemporary artist Chung Shin Lee. Lee follows many of the traditional style's conventions but adds a definite modern touch such as newer colors and innovative brushwork. The works have certainly found a balance between the past and present. One does not often view modern oriental paintings, making this a rare chance to see that the art has been kept alive, although influenced by a changed society.

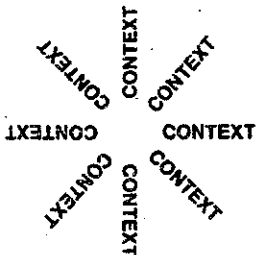
Lee interprets traditional subjects such as landscapes and flowers with hints of the present. He uses broad brush strokes and large areas of ink shading rather than the fine detailing found in earlier pieces, which may reflect a modern trend toward abstraction, a trend towards suggesting rather than revealing, and towards using bolder lines and forms.

The more frequent use of bright colors, vivid blues, reds, and aquas is also a departure from the past. Lee maintains the subtlety and delicacy of older paintings, but includes surprising accents of intense colors and the shimmer of gold.

The exhibit is sponsored by the Korean Graduate Student Association of MIT, and will continue through May 30 at the MIT Museum. Traditional Korean handicrafts are also on display.



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2.94J/14.15J  
MW 2:30-4  
Jerome Rothenberg  
David Gordon Wilson

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3.08J/21.464J  
TR 2:30-4  
Joel Clark  
Peter Perdue

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11.017J/21.612J  
TR 3-5  
Donald Schon  
Jeanne Bamberger

**Biotechnology and Engineering**

5.22J/10.02J  
TR 10:30-12  
John Essigman  
Robert Langer

**Technological Development and Political Change in the Middle East**

1.25J/17.559J/STS 020J  
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Information Available at:

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**RESUMES** should be submitted by Wednesday, February 15, 1989 to:

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ARTS

# Renowned orchestra's reputation poses constant challenges

**THE HANDEL AND HAYDN SOCIETY**  
 Christopher Hogwood, artistic director.  
 With solo appearances by Lorraine Hunt,  
 Drew Minter, Jeffrey Gall, Sanford  
 Sylvan, Nancy Armstrong, and David  
 Gordon.  
 Symphony Hall, February 5.

By EARL C. YEN

**N**OW DON'T GET THE WRONG impression — I really did enjoy last Sunday afternoon's concert presented by the Handel and Haydn Society. The highly contrasting selections — one by Henry Purcell, the other by J. S. Bach — were performed to a very professional level. Led by one of Britain's most active conductors, the chorus and orchestra generally played both a technically strong and emotionally inspiring concert.

The director, Christopher Hogwood, highlighted his two pieces by discussing (for twenty minutes) these two baroque pieces and their structures. In fact, Purcell's *Come, Come Ye Sons of Art, an Ode for the Birthday of Queen Mary II*, an affectionate and melodic celebration of Purcell's patroness, did stand in sharp contrast to Bach's *Magnificat in D Major*, an ambitious and dramatic adaption of one of the most dramatic passages in the New Testament.

Featuring an impressive quartet of soloists, the ensemble captured the simple, lyrical nature of the Purcell composition. Tenors Drew Minter and Jeffrey Gall sang their beautifully interwoven duets in a

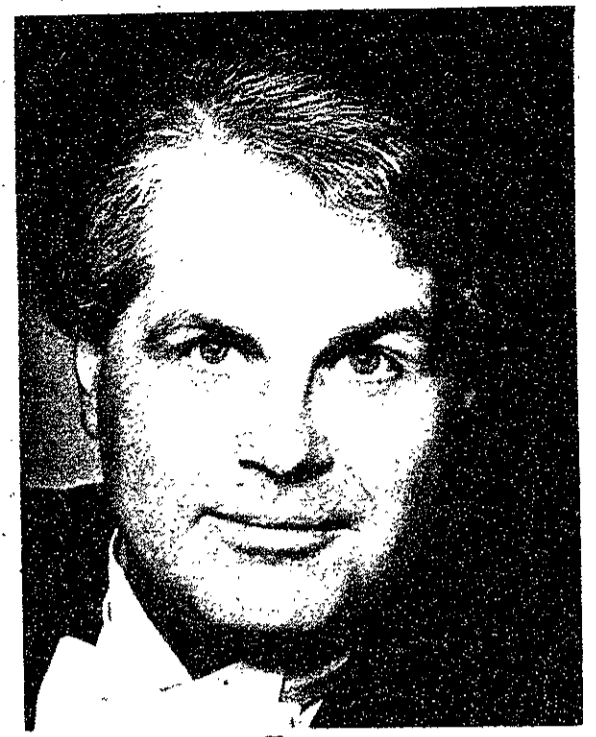
fittingly elegant but unpretentious style. What was lacking, if anything, in this performance was the crispness of ensemble between the chorus and the orchestra. The very simplicity of this baroque piece leaves the chorus and orchestra constantly exposed, and, in this performance, the orchestra in particular would have profited from greater attention to detail. Furthermore, the tone of the string section was not as full and rich as was expected, even for a section using a more restrained baroque style. The strings, in a supporting role, should not have been overpowering, and they in fact were not; on the contrary, their performance seemed overly timid.

In the Bach, the overall performance was again quite impressive, largely due to the consistently brilliant vocal soloists, especially soprano Lorraine Hunt. The "Magnificat," which is based on the Virgin Mary's speech in the Gospels describing her awed happiness at her pregnancy, is a highly charged, tightly composed piece whose tone alternates from Messianic grandeur to a deep solemnity.

Hunt, tenors Minter and David Gordon, soprano Nancy Armstrong, and baritone Sanford Sylvan, take turns at playing the meek and humble Mary. Hunt and Armstrong personalize Mary's relationship with God, and in various ensembles, the others emphasize the profoundness of the scene. At the risk of nit-picking, I would add that the orchestra (or Hunt, who has a powerful and pretty voice) could perhaps have used some extra rehearsal time to coordinate Hunt's delicate entrances with the rest of the group.



Lorraine Hunt, Soprano



David Gordon, Tenor

All in all, the Handel and Haydn Society put on a fairly solid performance. Was it enjoyable? Absolutely. So why did I feel somewhat of a letdown walking out of Symphony Hall? I think I had heard so many good things about this group that

my expectations were probably too high. This ensemble is, without a doubt, a delight to hear and watch. But to me, on this Sunday afternoon, the Handel and Haydn Society became a victim of its own rising reputation.

## The Tech Performing Arts Series presents...

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Rafael Druian will lead the Pro Arte Chamber Orchestra in a program to include Mozart's *Symphony No. 33*, Schubert's *Symphony No. 4, "Tragic,"* and Ives *Symphony No. 3, "The Camp Meeting."*

Sanders Theatre, February 12 at 3 pm. MIT price: \$6.

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Symphony Hall, February 17 at 8 pm. MIT price: \$5.

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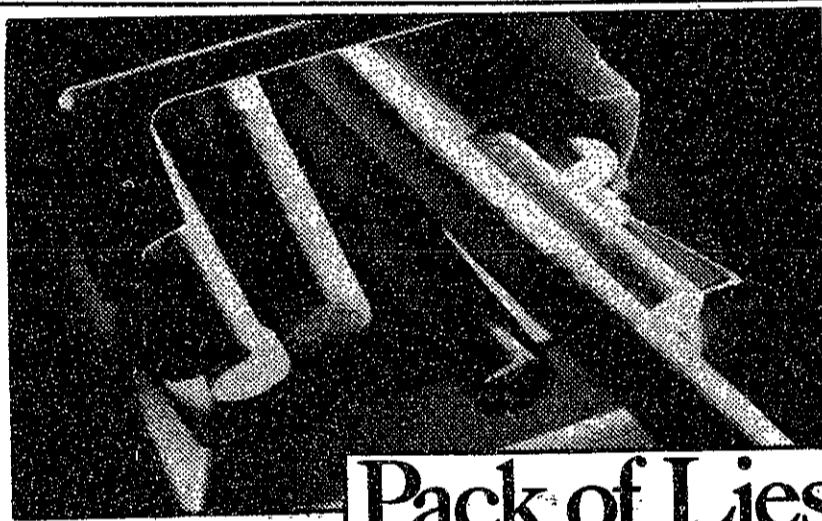
The Emerson String Quartet will perform Prokofiev's *Quartet No. 1 in B minor*, Haydn's *Quartet in E-flat* and Brahms' *Quartet in A minor*, Op. 51, no. 2.

Jordan Hall, February 18 at 8 pm. MIT price: \$5.

Tickets are on sale at the Technology Community Association, W20-450 in the Student Center. TCA offices are open only limited hours. Office hours are posted on the door;

alternatively, you can call x3-4885 before walking over.

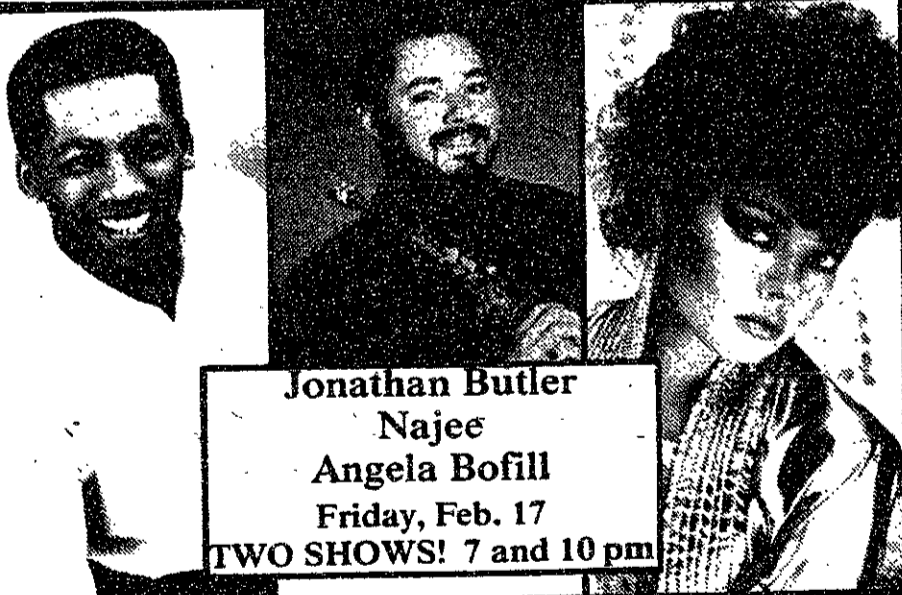
The Tech Performing Arts Series, a service for the entire MIT community, from The Tech, MIT's student newspaper, in conjunction with the Technology Community Association, MIT's student community service organization.



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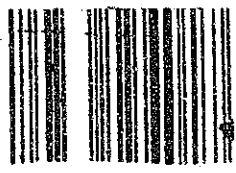
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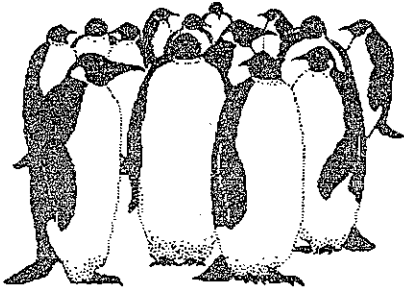
The Class of 1991 Ring Committee, in conjunction with the Ring Premiere, challenges their classmates to be first to solve "The Rat's Riddle." In the upcoming issues of *The Tech*, clues leading to the name of a distinguished MIT alumnus will be published in this cartoon, "The Rat's Riddle," named after the "Brass Rat" ring. Members of the Sophomore Class are invited to solve the riddle by piecing clues together and arriving at the correct alumnus name. The first student to correctly identify the alumnus will receive half off his/her 10K ring.

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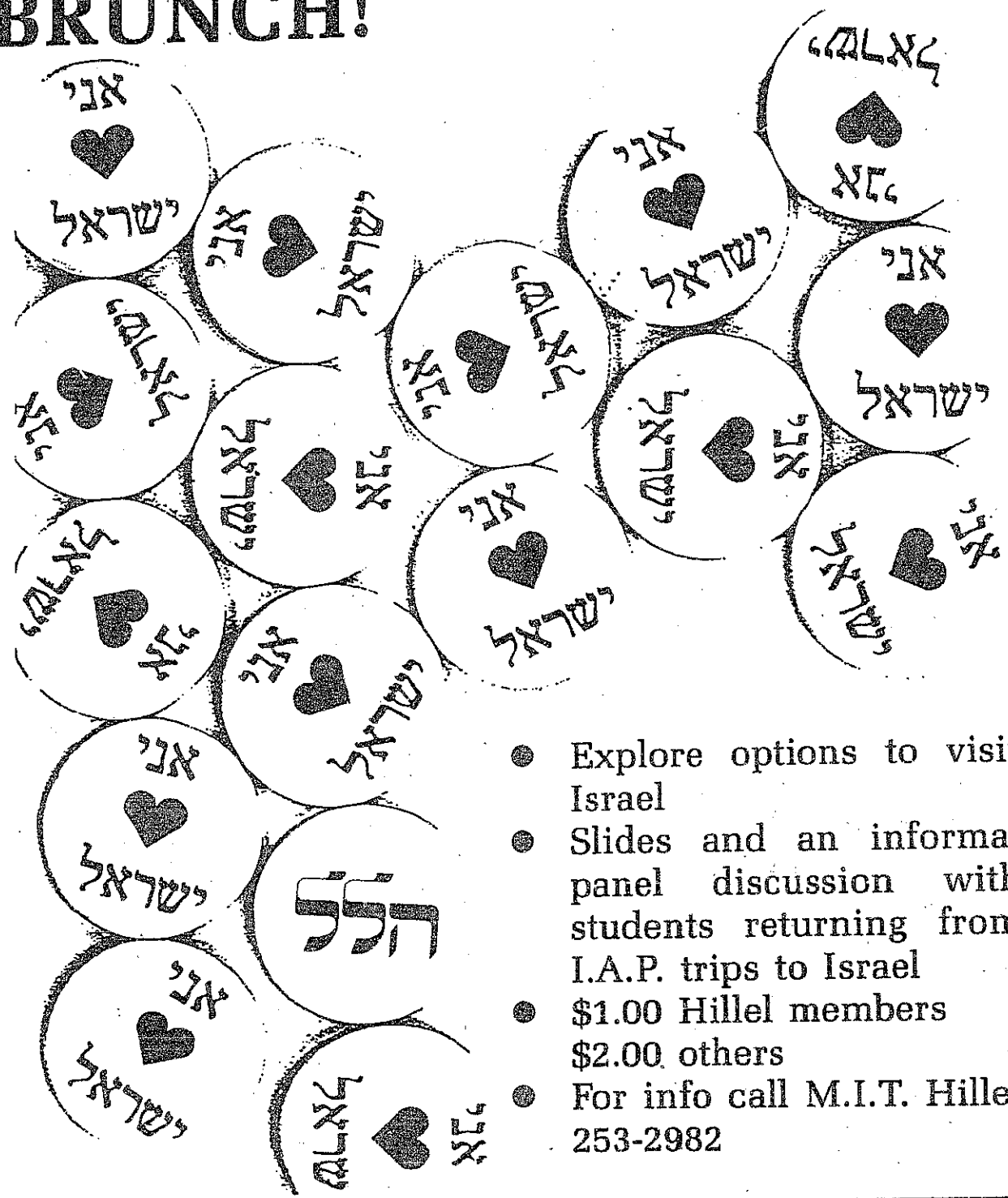
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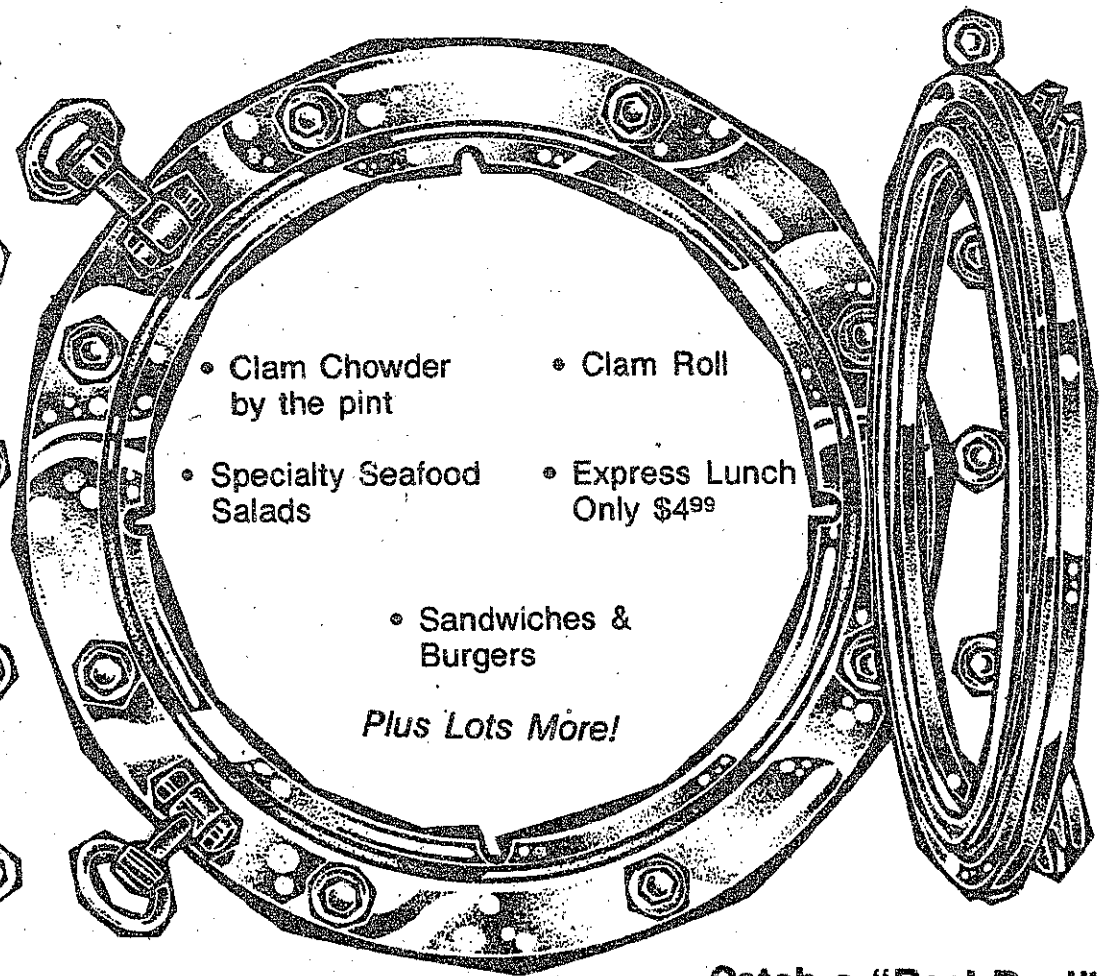
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Photo by Stephen P. Berczuk/The Tech

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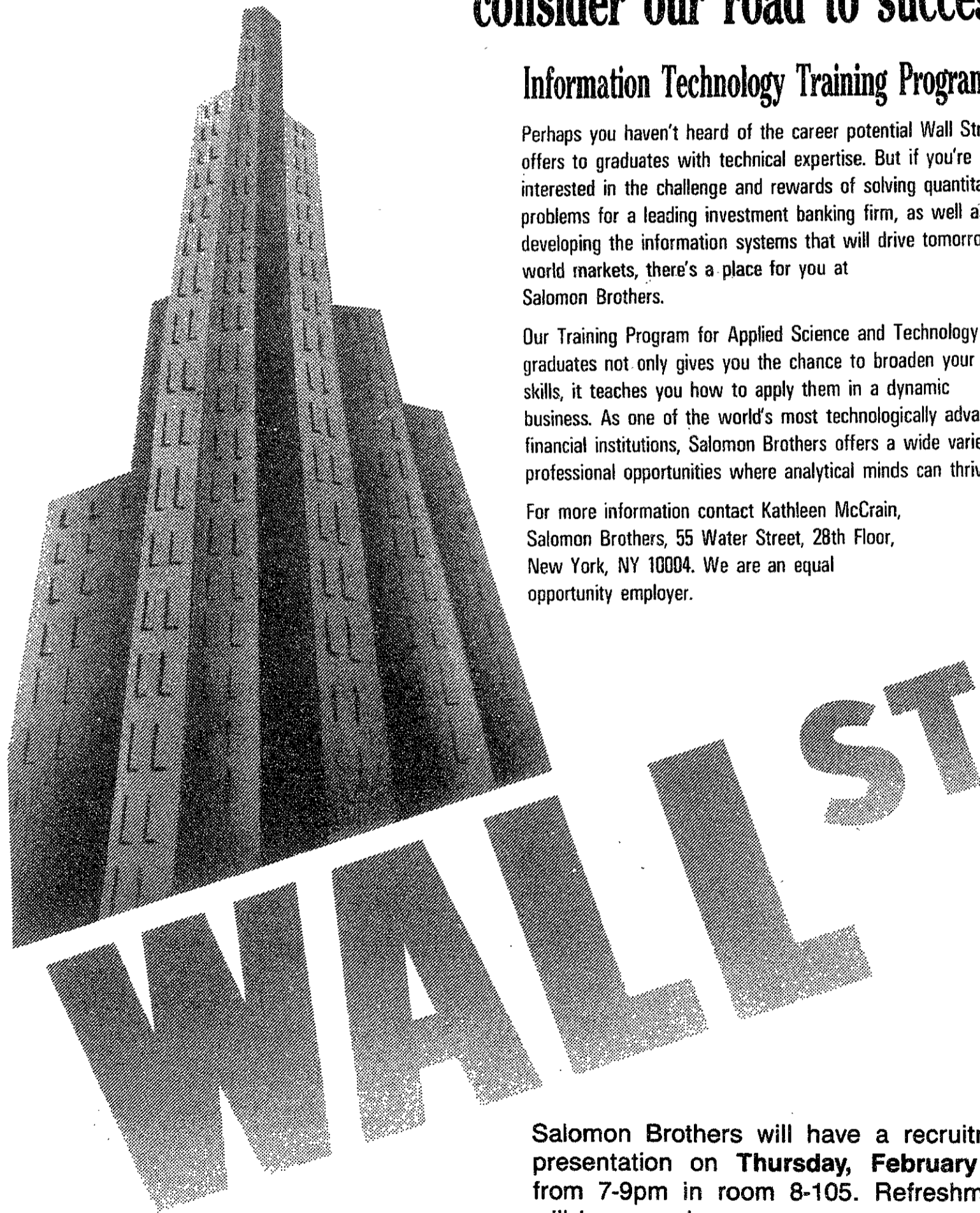
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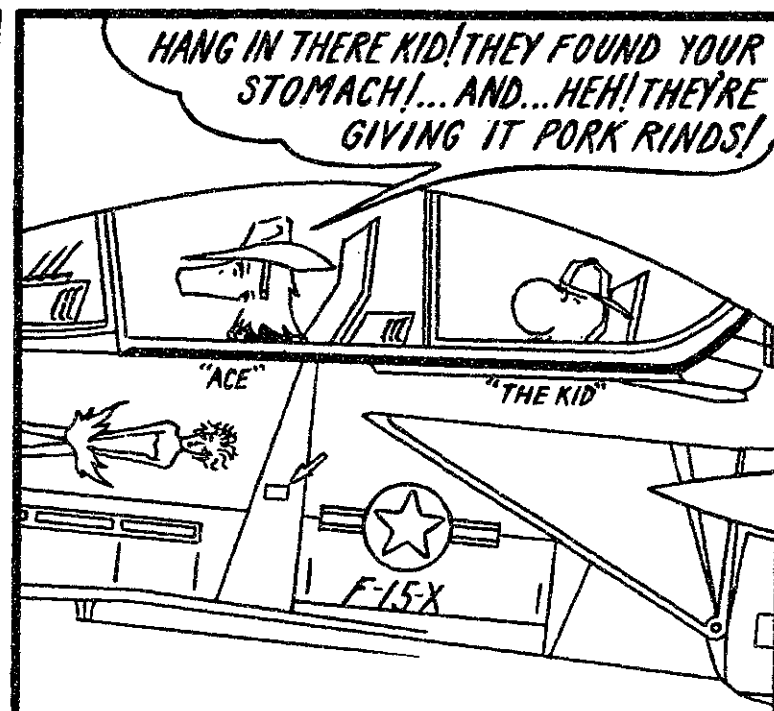
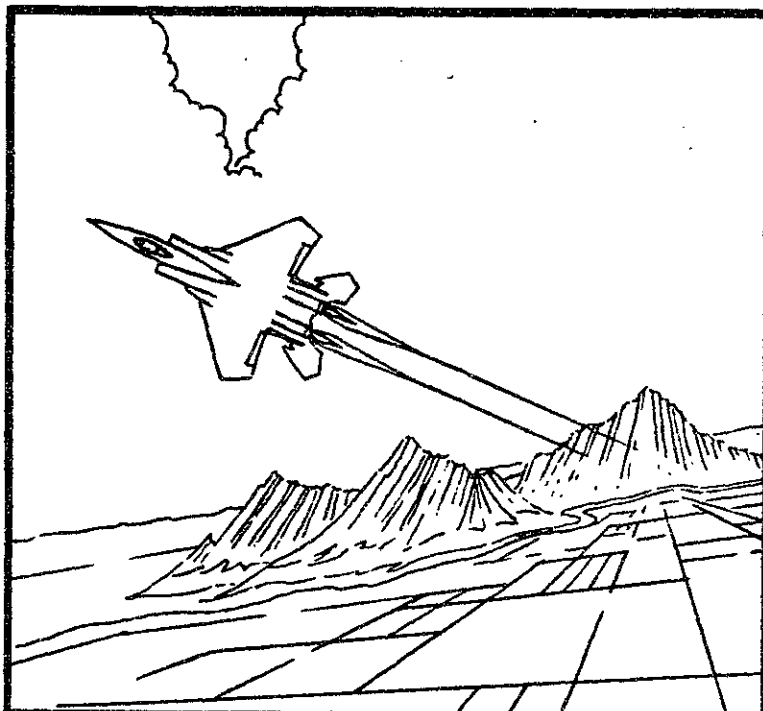
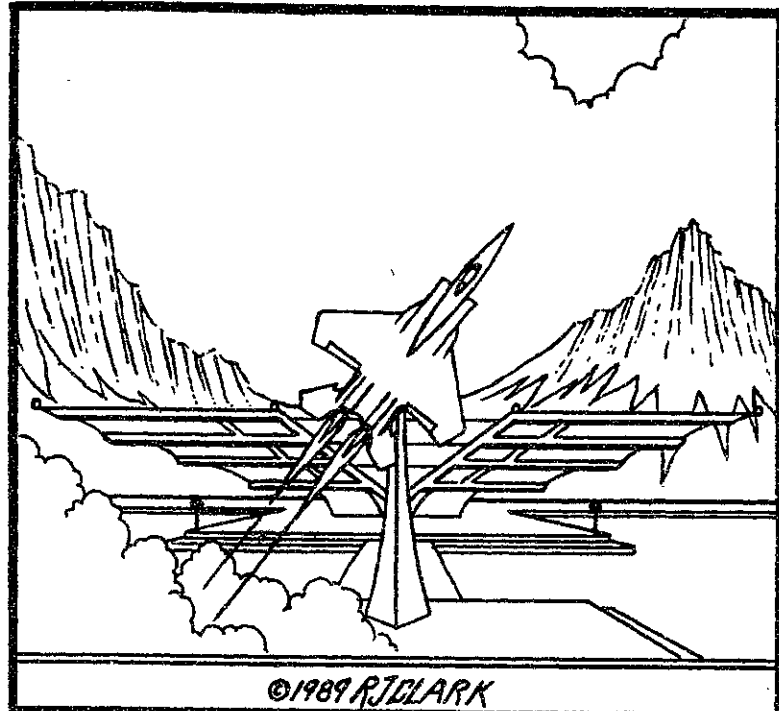
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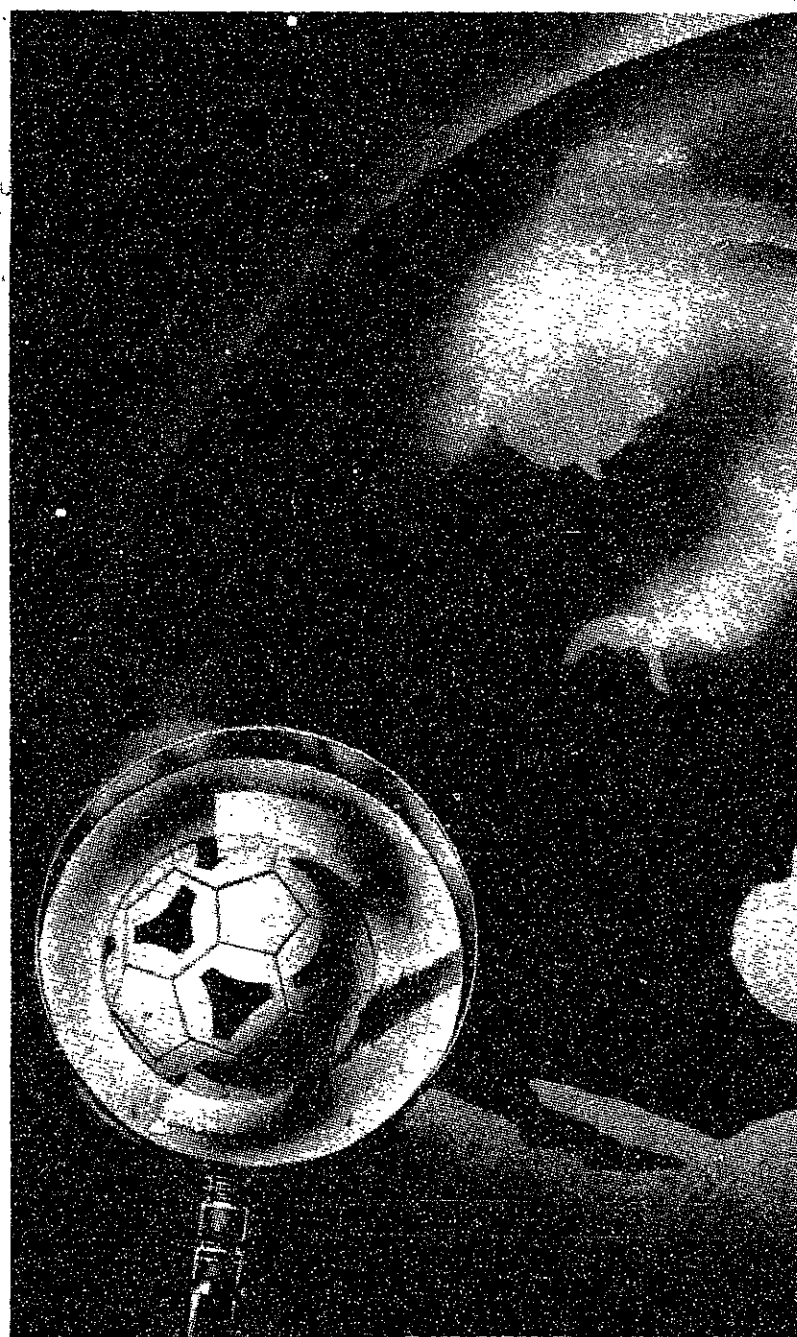
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**TRW will be on  
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See your college  
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# TRW

A Company Called TRW

THURSDAY, February 23

- meet with Hughes
- Student Center  
West Lounge
- bring 5 resumes

# Interview Sign-Up and Information Day

Make a date to get to know us on February 23rd. Drop by between 9:00am and 2:00pm and we'll tell you what's on the horizon at Hughes Aircraft Company, and we'll answer any questions you may have.

Meet representatives from our different organizations and present your resume to those that interest you.

Interviews will be scheduled for February 24th.

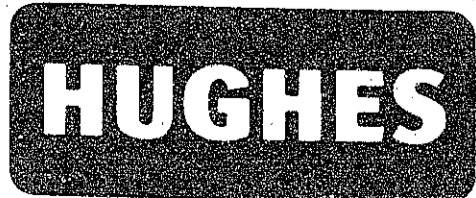
We're seeking qualified graduates in:

- Electrical Engineering
- Computer Science
- Math
- Mechanical Engineering
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We want you to have all the information you need to make one of the most important decisions of your life.

Hughes Aircraft Company is an equal opportunity employer. Proof of U.S. citizenship is required for most positions.

**Creativity  
America depends on.**



# Value-tine's Day!

Celebrate With Cupid's Coupons! Good Now Through February 14th!

## Win! Dinner For Two

14 lucky couples will win \$50 gift certificates for dinner at famous local restaurants including:

*Upstairs at the Pudding*  
33 Dunster Street  
Bel Canto  
Julien's  
Parker House  
Dini's Sea Grill  
Harvest  
Pistachios  
Legal Sea Food  
Brandywine at  
Sheraton Commander  
Wursthaus  
Bennett St. Cafe

Register to win at:  
HARVARD COOP  
MIT COOP AT KENDALL OR  
THE COOP AT LONGWOOD  
Now through Feb. 14, 1989  
No purchase necessary.

## To Sir, With Love!

FREE Valentine Boxer Shorts, (\$8 value) or FREE Valentine Socks, (\$6.50 value), when you purchase one men's dress shirt. Buy two and get a FREE Valentine's Day Tie (\$15 Value). Good through Feb. 14, 1989.

## Sleeping Beauties!

20% Off Our Entire Stock of Women's Sleepwear including gowns, pajamas and robes. Good through Feb. 14, 1989.

## Love Letters!

20% Off Entire Stock of Boxed Stationery and Note Cards. Good through Feb. 14, 1989.

## Loving Couples!

Choose from a romantic collection of College Posters starring such famous loving couples as Rhett & Scarlett, Mickey & Minnie, Bogart & Bergman in Casablanca. Just \$2.50 to \$5

## Balloon Bouquets!

Spend \$14 or more on any single item and you're entitled to buy a 6 helium-filled Balloon Valentine Bouquet for just \$3 (a \$12.50 value). The Heart Fund will receive a generous donation from the proceeds of our balloon bouquet sales. Offer good on Feb. 14th only.

## Picture Of Love!

Doisneau . Hotel de Ville  
\$40 Framed Complete  
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## Pillow Talk!

Sweet dreams of your sweetheart are guaranteed with our "I Love You" pillowcases. Lovingly priced at just \$6.99

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20% Off All Soundtracks and Broadway Show CD's, Records and Tapes. Good through Feb. 14, 1989.

*the  
COOP*

## Key To Her Heart!

Free heart shaped silvery key chain with any purchase of \$15 or more of nostalgic 1928@ costume jewelry. Good through Feb. 14, 1989.

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THUR 'TIL 8:30

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

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

# sports

The Tech  
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sports

## Upcoming Home Events

### Saturday, Feb. 11

- 9 am Fencing v. Brandeis, North Carolina, Navy, Temple, & Stevens Tech
- 1:00 Men's Gymnastics v. UMass
- 1:00 Women's Swimming v. Amherst
- 2:00 Men's Hockey v. Springfield
- 4:00 Men's Swimming v. Amherst
- 4:00 Squash Invitational

### Tuesday, Feb. 14

- 7:00 Women's Basketball v. Babson College
- 2:00 Men's Gymnastics v. Yale University



Jackie D. Glener  
Joe Jones '89 takes a shot at Suffolks goal in Tuesday's game. The Engineers suffered an 11-0 defeat.

## Errata

Eric Reifschneider '89 and Lisa Arel '92 were not the only two MIT gymnasts ever to be named Eastern College Athletic Conference gymnasts of the week, as was reported in *The Tech* on Feb. 7. Vic Campione '85 also received the award in 1985. Also, it was the women's, and not the men's, gymnastics team that lost to Salem State College on Feb. 4.

\* \* \* \* \*

The Year in Review supplement to *The Tech* (Feb. 7) incorrectly reported the division in which the MIT men's volleyball team plays. It is an NCAA Division I team.

## Discuss Your Future With General Electric

### Who?

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

### What?

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

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

Opportunities exist in such fields as:

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

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

### When and Where?

Thursday, February 16th and Friday, February 17th at the Placement Office.

### What else?

Sign-ups have commenced.

The future is working at General Electric



An equal opportunity employer

## PARSONS SCHOOL OF DESIGN

### Special Summer Programs

#### Parsons in Paris June 30-August 14

Paint on the Left Bank, explore prehistoric caves in the Dordogne, visit the masterpieces of renaissance art in Tuscany. Courses include painting, drawing, art history and the liberal arts. Students may choose to spend the last two weeks of the program in the Dordogne or Cortona, Italy.

#### Photography in Paris June 30-July 31

Study both the aesthetics and the craft of photography in the city that has inspired great photographers for 150 years. Guest lecturers and visits to Parisian galleries supplement the curriculum.

#### Fashion in Paris June 30-July 31

Study the history and contemporary trends of French fashion design through visits to Parisian museums and costume collections. Guest lecturers and visits to design studios and retail outlets are part of the program; as are daily classes in fashion illustration.

#### History of Architecture and Decorative Arts in Paris June 30-July 31

Offered in collaboration with the renowned Musée des Arts Décoratifs, this program focuses on the history of French architecture and European decorative arts. Excursions to points outside of Paris are included; last summer, students visited Versailles, Vaux le Vicomte and Fontainebleau.

#### Modern Paris June 30-July 31

Combining architectural history with drawing, this program focuses on the development of Paris in the modern period (1830 to the present).

#### Paleolithic Art and Archaeology of the Dordogne July 30-August 13

Daily class sessions near the town of Les Eyzies de Tayac, in southwestern France, are devoted to lectures and guided visits to the areas famous and less well-known prehistoric caves, living sites, and archaeological excavations.

#### History of Architecture in Italy June 29-July 28

The architectural heritage of Italy is studied in Rome, Florence and Venice, where on-site presentations are made by Parsons faculty.

#### History of Architecture and Decorative Arts in Great Britain July 6-August 7

This four-week curriculum, covering the years 1600-1900, is offered in London, with several excursions to nearby towns and country houses.

#### Graphic Design in Japan July 10-August 10

Design students and professionals will discover the excitement of Japanese advertising and graphic design through workshops, seminars and presentations by internationally known designers. Studio, museum and gallery visits supplement the curriculum, which emphasizes the sources, in the traditional arts, of much contemporary Japanese design.

#### Parsons in Israel July 22-August 18

Offered in collaboration with Jerusalem's Bezalel Academy of Arts and Design, the program provides an in-depth introduction to major sites of historical importance, to the rudiments of archaeological practice and to techniques of artistic representation.

#### Parsons in West Africa July 8-August 2 and August 5-26

Workshops in ceramics and fibers will introduce students to artists and artisans in several Ivory Coast villages, where these crafts can be studied in their original context. A photography curriculum examines techniques of documentation and reportage in regions of great natural beauty and cultural diversity. The history of African art and architecture also is offered. Additional study in Mali may be taken as a separate option, or as a continuation of the Ivory Coast program.

All programs include round trip airfare, accommodations and land transfers. Academic credit is available to qualified students. For more information, please return the coupon or call.

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Parsons School of Design  
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Please send information about:

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# sports

## Women gymnasts set new team record

By Catherine Rocchio

The MIT women's gymnastics team met Salem State College, the defending New England and Division III Eastern Champions, last Saturday in the most challenging meet so far this competitive season. Although MIT lost the meet to Salem State's impressive team score of 162.4, the Engineers took home their second highest score of the season, 151.0 points, and boasted the highest individual scorer of the day, Lisa Arel '92, who scored 34.9.

event, the vaulting exercise, and only trailed by 0.35 points at the completion of the event. Arel and Kortney Leabourne '92 stuck powerful vaults that took first and third place with scores of 8.7 and 8.6. Allison Arnold '90 and Rose Rocchio '90 performed beautiful full-twisting vaults that scored 8.3 and 8.4, while Paula Aqui '89 and Charlene Grant '90 executed impressive handspring vaults and received 7.5's each.

The two uneven bar stars of the afternoon for MIT were Arel

conclusion of the event.

Balance beam was yet another victory for Arel as she completed another "no falls" routine that included two back handsprings in a row and a full-twisting dismount for a score of 8.8 and another first place. Rocchio also had a consistent routine with solid difficulty and dance that scored a 7.35.

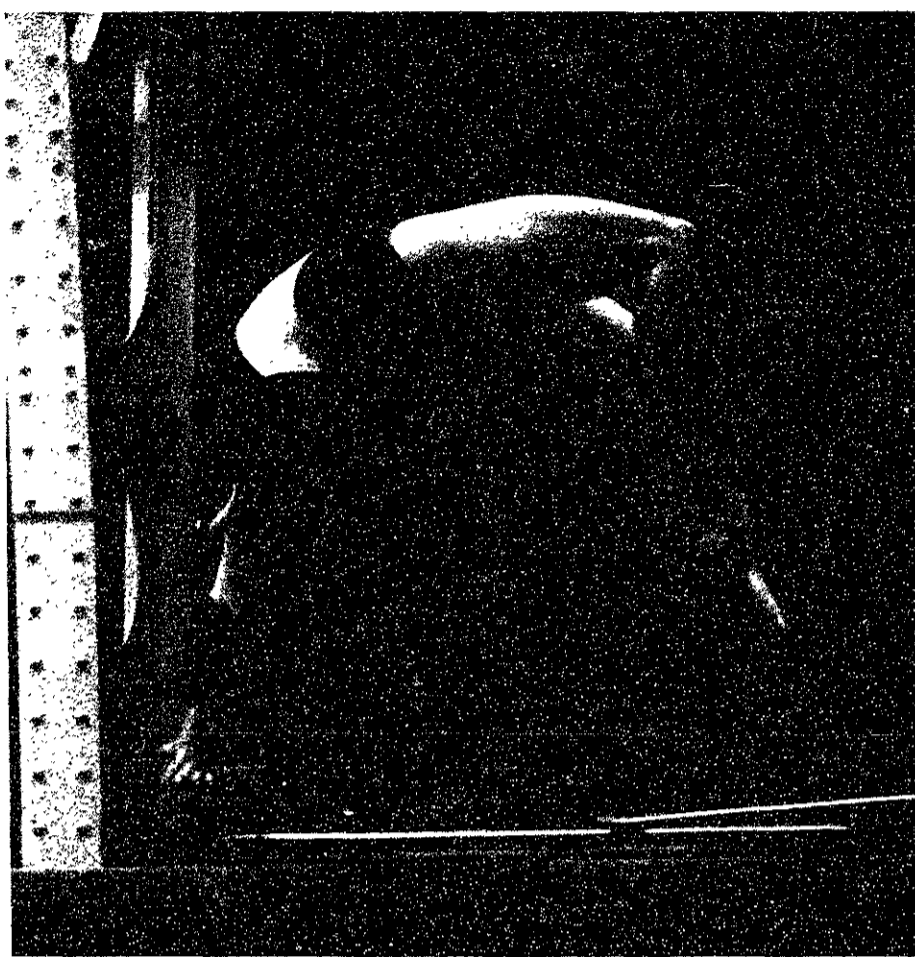
MIT finished up the meet with winning style on the floor exercise where Aqui and Arnold showed grace and style. Leabourne and Rocchio showed powerful tumbling, and Arel, with her score of 8.8, showed the audience how to beat the defending New England all-around champion, Jill Russell from Salem State. Arel edged Russell out by 0.10 points and became the first New England gymnast to defeat Russell in two years with an all-around score of 34.90. Arnold's score on her floor exercise of 7.3 brought her all-around total to 30.6 and earned her third place overall in the meet.

The Engineers returned home on Wednesday, and proceeded on to the best meet of their season. Arel took the first place honors on vault, beam, and floor with scores of 8.8, 8.65, and 8.75 — she also took the all-around title with her combined score of 34.3.

Arnold also had a fantastic night and showed her championship form on the uneven bars, winning the event with a score of 8.3. She also had a strong vaulting score of 8.15 and her best beam routine of the season with an impressive flight series of a back walkover to a back handspring and a front somersault in the air. Her scores of 7.75 on the

beam and 7.4 on the floor exercise earned her a season high all-around score of 31.60 and second place overall in the meet.

thus far in the season. A beautifully strong and solid beam routine with two handsprings and a round-off earned her second



Michael Franklin/The Tech

Rose Rocchio '90 performs a back handspring during her beam routine.

Leabourne had a beautiful handspring full-twisting vault that took second place on the event with an 8.45 and also turned in a no falls beam routine and a strong floor and uneven bars routine. Her overall score of 30.35 was her best of the season and earned her fourth overall in the meet.

Rocchio also had her best meet

place on the event with a score of 8.0. Rocchio also took second place on the floor exercise with a score of 8.05.

MIT's next home meet is on Feb. 15 at 7 pm in Dupont Gymnasium where they will again meet Salem State.

(Editor's note: Catherine Rocchio '89 is a co-captain of the women's gymnastics team.)

### Salem State 162.4, MIT 151.0

**Lisa Arel:** First place on vault (8.7), first on uneven bar (8.6), first on balance beam (8.8), first on floor exercise (8.8), first overall (34.9).

**Rose Rocchio:** Third place on uneven bar (8.15), third overall (30.6).

**Kortney Leabourne:** Third place on vault (8.6).

### MIT 154.3, Westfield State 124.7

**Arel:** First place on vault (8.8), first on balance beam (8.65), first on floor exercise (8.75), first overall (34.3).

**Allison Arnold:** First place on uneven bars (8.3), second overall (31.6).

**Rocchio:** Second place on beam (8.0), second on floor exercise (8.05), third overall (30.6).

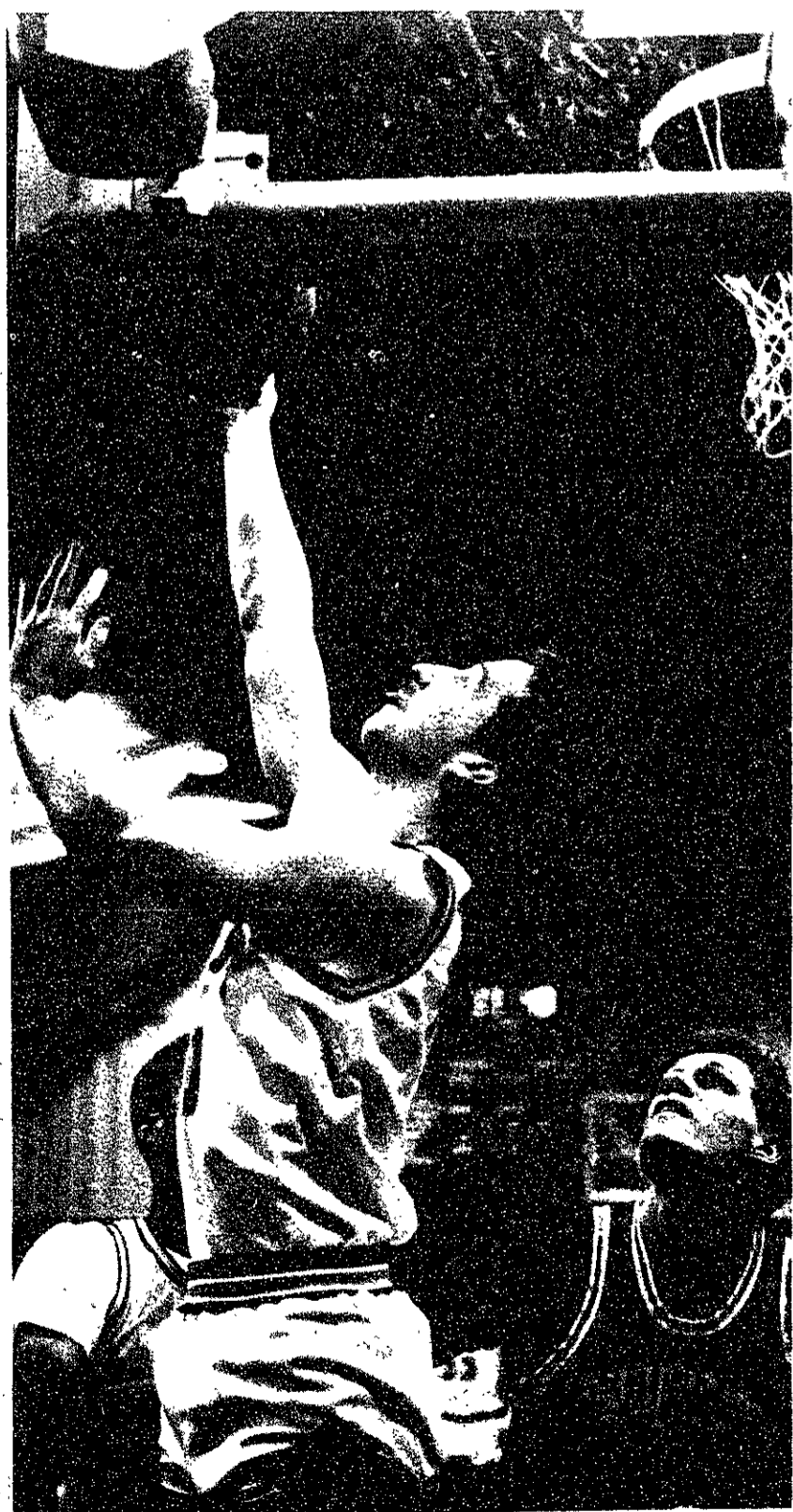
**Leabourne:** Second place on vault (8.45), fourth overall (30.35)

**Team:** New record high score.

Wednesday night, the team returned home to Dupont Gymnasium and won their meet against Westfield State College with a new MIT record team score of 154.3 to Westfield's 124.7.

MIT held their own against Salem State in the meet's opening

and Arnold, who is defending Eastern Champion in the event — with respective scores of 8.6 and 8.15. Arel won the event while Arnold came in third. Despite this, and a solid performance by Leabourne (7.05), MIT fell to two points behind by the



Michael Franklin/The Tech

Dave Tomlinson '91 puts up a shot during MIT's 72-66 victory over Connecticut College last night. The win improved MIT's record to 12-5.

## The Tech News Hotline: 253-1541



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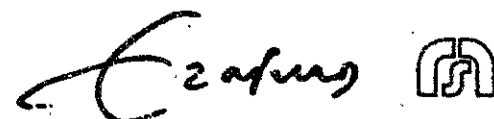
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Send it to: Rotterdam School of Management,  
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# The Tech

*cordially invites*

*all undergraduate and graduate students*

*interested in working on*

*the newspaper*

*to an Open House and*

*Toscanini's Ice Cream Extravaganza*

*at the offices of The Tech,*

*Student Center room 483*

*Sunday the twelfth of February,*

*at three o'clock in the afternoon.*