

# Congratulations Graduates!

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Volume 106, Number 27

# The Tech

MIT  
Cambridge  
Massachusetts

Monday, June 2, 1986

## CUAFA will not place restrictions on EECS

By Katie Schwarz

The Committee on Undergraduate Admissions and Financial Aid (CUAFA) decided Tuesday not to restrict the majors of the Class of 1991, according to Professor Kenneth R. Manning, chairman of CUAFA.

The committee had considered implementing a plan to restrict some members of the class from majoring in the overcrowded Department of Electrical Engineering and Computer Science (EECS). In the fall of 1984 the faculty gave CUAFA authority to admit some freshmen under the condition that they not major in EECS, but restricted admissions have not yet been used.

CUAFA voted unanimously not to impose the restrictions on the class which will apply to MIT this fall. The committee felt that although overcrowding is a "very serious problem," it can be addressed through better freshman advising and through seeking students with broader interests instead of by restricting students' choice of major, Manning said.

The Admissions Office will be "modifying the selection process" to admit a class with more varied interests, Manning said. CUAFA is now studying a major revision of the procedure which ranks applicants' academic abilities; the new procedure will be used to admit the Class of 1991. The office will try to "fill up gaps" in the student body, attracting more students who will major in fields that are now under-represented at MIT, Manning explained.

For example, the School of Science is underutilized, he said. Enrollment in the five science departments dropped sharply among this year's freshmen compared to the previous class. Manning said the Admissions Office will place more emphasis on students interested in the sciences.

"In no way are we changing the character of the Institute," he noted. MIT still intends to admit mostly students interested in science and engineering, but the balance is now shifted too far toward engineering, he explained.

The number of freshmen declaring a major in EECS increased this year for the first time in three years, prompting concern by the department. "I see no alternative to restricting admission," said department head Joel Moses PhD '67 last month.

(Please turn to page 11)

## Military research funding increasing

By Akbar Merchant

The share of military-related research funding is nearly 1.5 times what it was in 1980, according to a report by the Ad Hoc Committee on the Military Presence at MIT. Nevertheless, funding for military-related research is not the largest source of support for sponsored research at MIT, and has not been the most rapidly growing one, the report stated.

The committee, chaired by Professor Carl Kaysen, presented its report at the May 21 faculty meeting. The committee's report draws on questionnaires, one addressed to the faculty and one addressed to the students, in addition to administrative records. A presidential committee will explore issues raised in the report starting this fall.

The relative importance of defense support has increased because of a shift in federal research priorities, a trend which will continue in the near future, the report said. Most research sponsored by the Department of Defense (DOD) has "broad commercial and military applica-

tions," it continued. Only three percent is of a specific military nature.

The volume of DOD research in constant dollars and its share of total support have increased over the past decade, but both are still lower than they were in the late 1960's. The volume of on-campus research in current dollars increased at an annual rate of 12 percent over the last 10 years, according to the committee's study.

The Department of Energy was the most important research sponsor in 1985, providing for 23.3 percent of support. The DOD ranked third with 16.0 percent, according to the report.

The share of support from the National Science Foundation has fallen steadily over the last decade, from first place with a 20 percent share in 1976 to fourth place with 14 percent in 1985, the report said.

Military involvement has had a significant influence on student career choice, the committee found. Two-thirds of the students have some degree of aversion to working for the military. One stu-



Photo courtesy MIT News Office  
Commencement speaker  
William R. Hewlett SM '36.

## Faculty to extend CUAFA's authority

By Earl C. Yen

The faculty at a May 21 meeting unanimously approved a two-year extension on the Committee on Undergraduate Admissions and Financial Aid's (CUAFA) authority to restrict Course VI enrollment.

The original plan to reduce undergraduate enrollment in the Department of Electrical Engineering and Computer Science (EECS) permitted CUAFA to restrict majors for freshmen entering in the fall of 1985, 1986, and

1987, although the committee never implemented the restrictions [see related story]. The faculty's decision now allows CUAFA to limit Course VI enrollment for classes entering in 1988 and 1989, if it so decides.

"The difference between the projection and the benchmark figure indicates a serious and long-range problem, one requiring attention by the entire Institute," Manning told the faculty at its monthly meeting. "An extension would allow CUAFA and the Institute the means to effect an appropriately deep and sustained commitment toward a solution."

The faculty's agenda included the following other items:

• *Graduate housing.* The Housing Subgroup of the Faculty Policy Committee (FPC) presented a report recommending that MIT build enough housing to satisfy demand among graduate students for on-campus housing.

(Please turn to page 14)

## Kolodney acquitted; Contreras guilty

By Katie Schwarz  
and Andrew L. Fish

A Cambridge judge found Arnold Contreras '86 guilty and Larry Kolodney G not guilty of trespass after notice at the conclusion of their week-long trial May 14. Contreras is appealing the verdict.

Contreras and Kolodney were arrested along with six others during the demolition of the shantytown on Kresge Oval March 14.

At a court hearing on the day of the arrests, the other six agreed to sufficient facts to warrant a finding of guilty. Their cases were continued without a finding to May 1987 for five of the students, and to May 1986 for the one student who is graduating. The continuance was later moved to the beginning of the fall term. The six students have paid court costs of \$87 each.

Attorneys for Kolodney and Contreras argued that the defendants had not directly interfered with the destruction of the shantytown, erected to protest MIT's holdings in companies that do business in South Africa.

The prosecution called witnesses on May 8 ["Prosecution testifies in trial of shanty protesters," May 13, 1986]. At that time witnesses established the fact that both Contreras and Kolodney

## MIT to graduate 1769 students

By Andrew L. Fish

MIT will hold its 120th graduation exercises today at 10:30 am in Killian Court, presenting 1927 degrees to 1769 students.

William R. Hewlett SM '36, vice chairman of the board and former chief executive officer of the Hewlett-Packard Company, will deliver the commencement address. Hewlett co-founded the company, which is a major designer and manufacturer of precision electronic equipment and computers.

The academic procession, com-

posed of dignitaries, faculty, and graduates, will begin at 9:45 am. This year's procession will include members of the Class of 1936 — the "Fifty Year Class."

The procession, led by Alumni Association President E. Milton Bevington '49, will travel from 77 Massachusetts Avenue to Memorial Drive and then proceed to the entrance to Killian Court.

David S. Saxon '41, chairman of the MIT Corporation, will lead the commencement principals and preside over the exercises. Provost John M. Deutch '61 will lead the academic principals, and Professor Richard L. de Neufville '60 will lead the faculty division.

The marshal for the corporation division will be Harl P. Aldrich Jr. '47, chairman of Haley and Aldrich, Inc. The Class of 1936 will be led by Alice H. Kimball '36, and the graduate division will be led by Dean for Student Affairs Shirley M. McBay.

Rev. Betsy Draper, Baptist religious counselor, will deliver the invocation at the beginning of the ceremony. After the commencement address Vivienne Lee '86, president of the Class of 1986, will present the class gift to MIT President Paul E. Gray '54. Gray will then deliver the charge to the graduates.

For the first time this year, MIT's president will be joined by the provost in presenting degrees. Gray will present bachelor of science degrees, and Deutch will present advanced degrees. Dean of Undergraduate Education Margaret L. A. MacVicar '65 will read the names of those receiving bachelor's degrees. The names of graduate students will be read by the dean of the school in which the student is enrolled.

(Please turn to page 14)

were near the shanties at the time of the arrests, although Kolodney was only taking photographs.

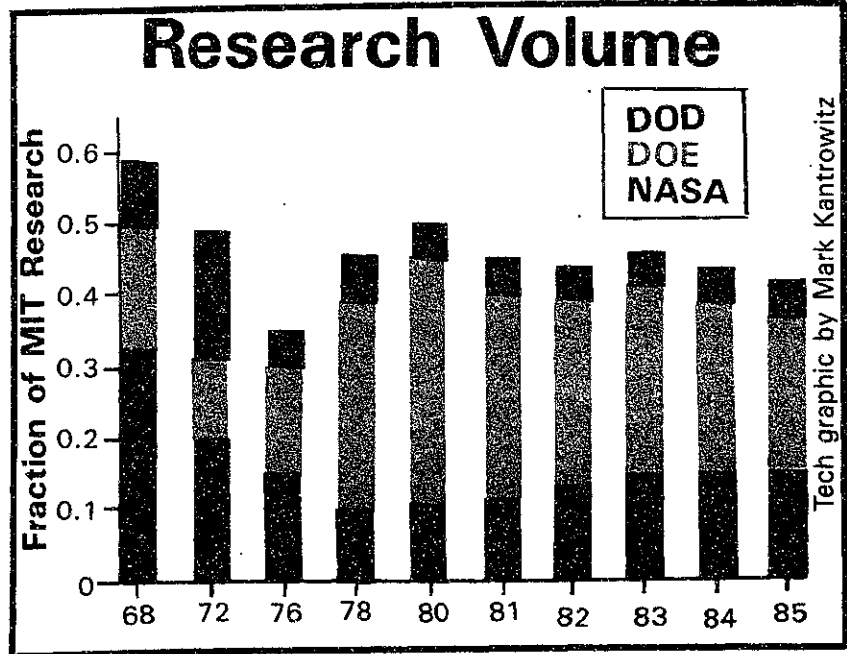
On May 14 the defense called their witnesses. Contreras, Kolodney, Michael Levine '87, Steven D. Penn G, and Steven Y. Kishi '89 testified for the defense.

All of the testimony generally agreed that Contreras was moving around the oval and that Kolodney was taking pictures before the arrests.

After the testimony Kolodney was found innocent and Contreras guilty. The prosecuting attorney, Cynthia Weigel, said she

would accept a continuance for Contreras, similar to that given to the other six students. Contreras was told he would be given a continuance if he promised not to interfere with the MIT administration.

After conferring with his attorney, Contreras announced that the law must sometimes be broken in the struggle against apartheid. He was then sentenced to 30 days in jail, with the sentence suspended until May, 23, 1987. Contreras is appealing the decision. A hearing to set jury selection will be held tomorrow.



## Peter T. Reid

Peter T. Reid '88 died May 15 at MIT. He was 19 years old. Reid was found dead in 16-004, an Applied Biological Sciences laboratory. His body was autopsied but the cause of death is still unknown, according to Robert M. Randolph, associate dean for student affairs.

Reid lived in Ware Entry of Senior House. Rosa Frimm, wife of Ware graduate resident Fernando Frimm G, remembered him as "very lovely, very friendly." He had a "small circle of friends at Senior House, but they were very real friends, very close," said housemaster S. Jay Keyser.

Reid majored in chemical engineering. He was considering medical school after MIT, Jay Keyser said.

A memorial service took place May 19 at the MIT Chapel, attended by Reid's parents, James and Marguerite, and brothers, Gregory and Kirk, as well as faculty and friends. Reid's remains were cremated, and his parents brought them back to his hometown of St. John, New Brunswick.



Tech photo by Ronald E. Becker

Associate Dean of Student Affairs and Section Head for the Undergraduate Academic Support Office, Holliday C. Heine '67 will be leaving the Institute at the end of June. Heine said that a desire to do something different, and a need to leave the busy MIT atmosphere to find a new job were the primary motivating forces in her decision.

Heine transferred to MIT from Wellesley as an undergraduate. She received an SB in 1967 and in 1973 she earned a PhD in Biochemistry. Heine taught the undergraduate introductory biology lab, 7.011, for two years. This one-on-one teaching experience was what prompted her to apply for a position in the counselling division of MIT.

She entered the Dean's Office after post-doctoral work at the Massachusetts General Hospital. She entered as an assistant dean in the counselling section of Student Assistance Services and was promoted to her current position when the Dean's office was reorganized in 1980.

Heine intends to continue in science education, but has no immediate plans for her future, preferring to take her time to decide what she wants to do.

## No harm from chemical spill

By Ronald E. Becker

Two pint bottles of methyl acrylate fell from a cart in the basement of Building 3 last Thursday just before noon, resulting in the evacuation of several of the surrounding buildings by MIT Campus Police.

The maximum possible concentration of methyl acrylate that could have been released into the area was well below the "no-effect" level of 30 parts per million, according to a calculation by George W. Boylen Jr. of the MIT Environmental Medical Service (EMS) [*Tech Talk*, May 28]. "The bad part was the smell;"

there was "absolutely no hazard" to the building occupants, Boylen said. The evacuation lasted two hours.

The bottles of methyl acrylate were being transported from the loading dock in Building 11 to Laboratory Supplies. The bottles fell off the cart in front of the Quick Copy Service, where Buildings 3 and 11 meet. The worker who spilled the chemical began to clean it up, but EMS was soon called onto the scene because of the complaints of methyl acrylate's acrid, plastic odor.

The Material Safety Data Sheet for methyl acrylate distributed by the MIT Safety Office states: "If the odor of methyl acrylate can be detected, the TLV [threshold level value, 10 parts per million] has been exceeded." However, the Safety Data Sheet also indicates that the "TLV is established to prevent laceration [tearing] and other irritating effects."

Methyl acrylate is a highly volatile liquid which is used in the production of plastics and which is widely used around the Institute.

## Diane Sawyer speaks at Wellesley

By Robert E. Malchman

CBS News Correspondent Diane Sawyer told Wellesley College's graduating class Friday that she hoped its members are "on the front edge of another spiritually restless generation, that you are picking up the banner that your slightly older brothers and sisters would not: the banner of human sympathy."

Sawyer, a member of Wellesley's Class of 1967, made her remarks as the College graduated 516 seniors at its 108th Commencement exercises.

"I'm not talking about songs and posters and sentiment, but ideas," Sawyer said, "and at the end of the day a bottom line of lives that have been improved."

"It's fine and even inspiring for an instant to join hands across America. But you don't have to wait for a national pep rally to help someone who is hungry," she continued.

A number of graduates wore red armbands and dropped red carnations as they passed in front

of the College trustees to indicate their support for divestment from corporations operating in South Africa.

The College has \$35 million invested in such corporations, according to a press release from the protesters.

Sawyer urged the graduates to

"do what you love" and not "go to grad school for fear of doing anything else."

She humorously quoted Osborn Elliot, dean of the Columbia University Graduate School of Journalism, that "it's not who you know, but whom you know."

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# The Tech

## SUMMER 1986 PUBLICATION SCHEDULE

- Tuesday, June 24
  - Tuesday, July 15 — Special color issue mailed to all incoming freshmen
  - Tuesday, August 12

Regular Tuesday/Friday publication will resume at the beginning of R/O, Friday, August 29, 1986.

# news roundup

from the associated press wire

## World

### Soviets propose arms reduction

The *New York Times* has reported that the Soviet Union has privately proposed a new way of reducing strategic nuclear forces. The Soviets have offered to begin to reduce their forces if the United States agrees to strengthen the 1972 anti-ballistic missile treaty.

Defense Secretary Casper Weinberger, on the CBS program "Face the Nation," declined to comment directly on the reported Soviet offer. But he did say that the Soviets want the United States to give up the Strategic Defense Initiative, known as Star Wars, and that the United States would not drop the program. (AP)

### Chernobyl "tomb" designed

A Soviet weekly news magazine reports that regional officials are expected to approve the design for a ventilated tomb for the damaged Chernobyl nuclear reactor in the next few weeks. The magazine describes it as "a gigantic, multi-layered sarcophagus with a complex ventilation system," but gives few details. Also, a soviet newspaper has reported that workers have blasted a tunnel through to the reactor which will be used to pour in concrete. (AP)

### Israel dismisses Zamir

Israel's coalition cabinet has replaced Attorney General Yitzhak Zamir. Zamir had ordered an unprecedented criminal investigation of senior officials in the Israeli Secret Service amid allegations that the probe of a 1984 bus hijacking had been mishandled. (AP)

### MIT alumnus elected president of Colombia; Liberal Party gains power

Virgilio Barco Vargas '43 finished far ahead of opponents in Colombian presidential elections May 25, receiving about 60 percent of the vote to 35 percent for the Conservative Party candidate and about 4 percent for a leftist candidate. Barco, who is seen as a moderate, gained a strong personal mandate in the South American country by uniting the Liberal Party, which now has solid majorities in both houses of Congress and most regional assemblies.

Barco, who earned a bachelor's degree in civil engineering at MIT and later returned to study economics, has accumulated vast administrative experience in his long career as a Liberal politician. He first emerged as a national figure as mayor of Bogota, the capital city, in the late 1960's, then went on to serve as an executive director to the World Bank and then ambassador to the United States. When he succeeds to the presidency in August, Barco will face a collection of economic and political problems that he avoided addressing in detail during his campaign, particularly widespread unemployment, a large foreign debt, terrorism, drug trafficking and human rights abuses. (*The New York Times*)

### Marcos supporters riot

About three thousand supporters of ousted Philippine leader Ferdinand Marcos overran riot police in Manila yesterday. They streamed onto the grounds of the national assembly, where a constitutional commission is to convene today. The protesters claim that the commission named to write a new constitution is illegal. (AP)

### Moscow visit assures Gaddafi

Libyan radio says Libyan leader Gaddafi has been reassured by recent talks with Moscow that the Soviet Union will stand by Libya in "confrontational aggression." The broadcast says the meeting is proof of good relations between the two countries. (AP)

### Ariane rocket fails

Officials halted European space launches yesterday after an Ariane rocket was destroyed in mid-air Friday night. The Ariane had been the only way for the west to launch commercial satellites following the explosion of the space shuttle Challenger and the subsequent failures of American Titan and Delta rockets. Arianspace, the company selling space on the Ariane rocket, announced that it would make no further launchings until an independent commission reported on the cause of the rocket's fourth failure in 18 attempts. (*The New York Times*)

### Afrikaners protest Botha's policy

At least 8000 Afrikaners gathered in Pretoria, South Africa, yesterday. They called for the strengthening of apartheid and decried concession made by the government of P. W. Botha. The occasion was a rare showing of unity among South Africa's right wing groups, which have divided ideologies but are all united against Botha's policies. Some South African political scientists have suggested that if an election was held today Botha's government would not be assured of keeping its parliamentary majority in the face of the right-wing opposition. (*The New York Times*)

## Nation

### Operators go on strike

A strike by union telephone workers against American Telephone and Telegraph Company (AT&T) began yesterday. A spokesman for the Communications Workers of America said the two sides are still far apart on many issues, including wages, health care, job titles, and job security. AT&T is using managers to handle jobs normally done by striking phone operators. (AP)

### Floods strike Pittsburgh suburbs

Flash floods struck towns in western Pennsylvania Friday, killing at least eight people. Ten are still missing after thunderstorms poured up to four inches of rains on some communities in one hour. The region has been declared a disaster area. National Guard troops are using heavy equipment to open clogged roadways. (AP)

### Challenger report to be released

The findings of the presidential commission investigating the space shuttle accident are due next week. Although the contents of the report are being kept secret, the *Orlando Sentinel* says the report will blame lax management, cold weather, and a piece of deficient hardware for the accident. The newspaper is basing its conclusion on private remarks by commission members and the tone of public hearings. (AP)

### Snyder begins hunger strike

Homeless advocate Mitch Snyder has begun another hunger strike — his third in less than two years. Snyder wants the federal government to turn over a promised \$5 million to refurbish a homeless shelter in Washington D. C. Snyder, whose past efforts were chronicled in a recent television movie, has pledged not to eat or drink until the money is released. (AP)

### Johns Hopkins shanty set on fire

A junior at Johns Hopkins University was held without bail May 25 after the firebombing of a shanty built on campus to protest South African apartheid. The student was apprehended by protesters who had been sleeping in adjoining shanties shortly after the attack early on May 23. Four other people seen running from the scene were also being sought by police. Three students had been sleeping in the burned shanty, and one of them suffered first- and second-degree burns over 15 percent of his arms and lower body. (UPI)

### Expected shortage of student aid may not materialize next fall

The \$369 million gap between the amount Congress appropriated for Pell Grants and the amount the Department of Education says it needs may be a mistake. Some college representatives said last week that the original estimate of the need may have been too high. (*The Chronicle of Higher Education*)

## Sports

### Houston on way to title

The Houston Rockets defeated the Boston Celtics 106-104 yesterday at the Summit in Houston. The Celtics are up 2-1 in the seven game series. Game four will be played tomorrow in Houston. (AP)

### Sutter disabled

The Atlanta Braves have put righthanded relief ace Bruce Sutter on the 21-day disabled list because of recurring arm trouble. The move is retroactive to last Wednesday, and has prompted the Braves to call up lefty Ed O'Lone from their triple-A club in Richmond, VA. (AP)

### Rahal wins Indy 500

Official results from the US Auto Club confirm that Bobby Rahal won Saturday's Indianapolis 500 in record time. Rahal averaged 170.722 miles per hour, beating Kevin Cogan by less than one and a half seconds.

The race had been rescheduled from May 25 because of rain. The start was delayed an additional 40 minutes because driver Tom Sneva crashed in the pace lap. (AP)

### American takes Le Mans

An American was on the winning team in the Le Mans 24-hour auto race in France. Al Holbert shares the victory with Derek Bell of Britain and Hans Stuck of West Germany. They drove a factory Porsche 962-C in the racing classic that was marred by the death of Austrian driver Jo Gartner Saturday. (AP)

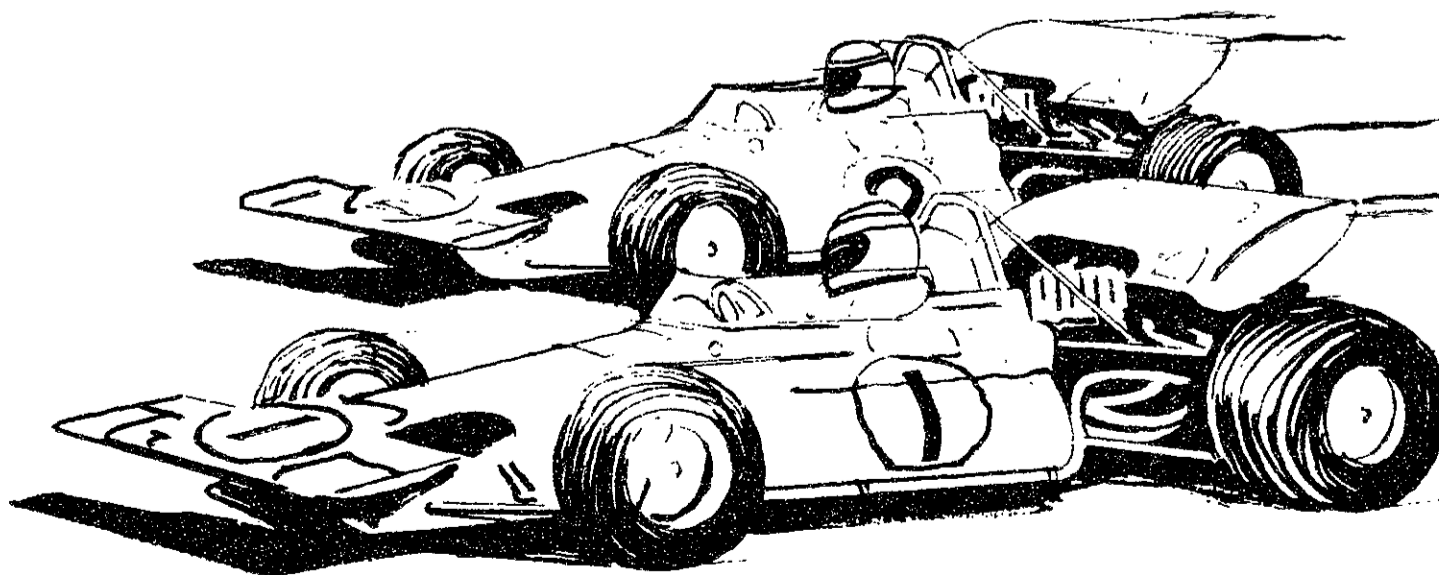
## Local

### International bankers hold conference

Two hundred international bankers and government financiers have gathered in Boston for the three day International Monetary Conference. The conference, which has been held yearly since 1954, is meant to address topics affecting the world economy and the banking industry. The meeting comes at a time of increasing friction over world trade, and that topic is expected to be of major concern at the conference. (AP)

### Walk held for AIDS research

Around four thousand people participated in a walk for Acquired Immune Deficiency Syndrome (AIDS) research and treatment yesterday. Officials hope to raise \$500,000 from the event. The participants started in Boston Common and went along the Charles River over 10 kilometers to the Hatch Shell. At a rally before the walk Governor Michael Dukakis said his new budget doubles the amount given to AIDS support. (AP)



## Weather

### Cool air on the way

**Monday:** Early morning showers will give way to sunshine and cooler temperatures. Highs 60-65.  
**Monday night:** Record cold temperatures are expected. Low 38-44.  
**Tuesday:** Mostly sunny with a cool breeze. High 68.  
**Wednesday:** Fair with highs in the high 60's to low 70's.

Forecast by National Weather Service

# opinion

## Editorial

### Congratulations to CUAFA

Graduation is often a time of congratulations. Congratulations are certainly in order for the entire graduating class. Moreover, the Committee on Undergraduate Admissions and Financial Aid (CUAFA) deserves the thanks of future incoming classes for their insight in the decision not to restrict the course selection of the Class of 1991.

MIT should now search for long term solutions to the overcrowding problem in the school of engineering. Course VI overcrowding is a symptom of a larger problem which can not be solved by restricting EECS admissions.

MIT must attempt both to recruit a more diverse student body, and to encourage the growth of non-engineering departments. The restructuring of the admissions system is a clear sign that MIT is serious about achieving these goals. We hope they are successful.

## The Tech

Volume 106, Number 27 Monday, June 2, 1986

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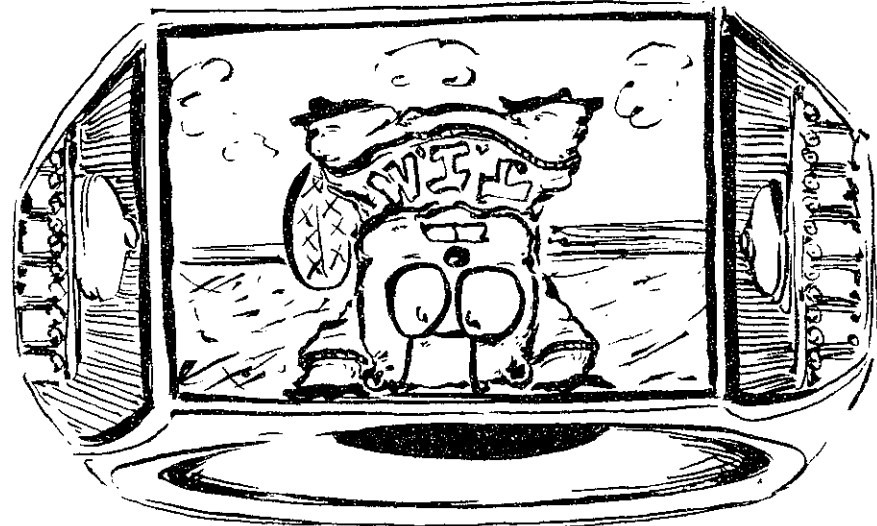
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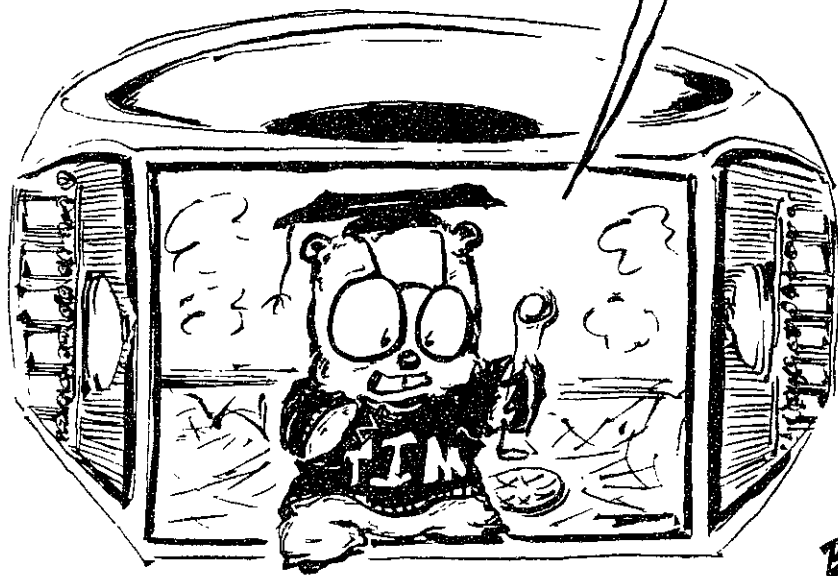
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IT'S ONLY ONE DIPLOMA, BUT IT FEELS LIKE 180 DEGREES!



BURNS  
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## feedback

### Hewlett is not a good choice

To the Editor:

Commencement is an opportunity to fantasize, and so MIT's choice of William R. Hewlett SM '36 for speaker is disappointing. Perhaps I can explain by describing the person I nominated for speaker, Maya Angelou.

Angelou is a poet, writer, actress and dancer. She is most famous for the first book of her autobiography, *I Know Why the Caged Bird Sings*; she was also the premier dancer in the original "Porgy and Bess" company. Her books bring intuition, grace and humor to her journeys, from the rural South to Africa and back. Her poems (*Still I Rise* and other collections) recreate the pain and pride of black — and human — experience.

Hewlett is an engineer, busi-

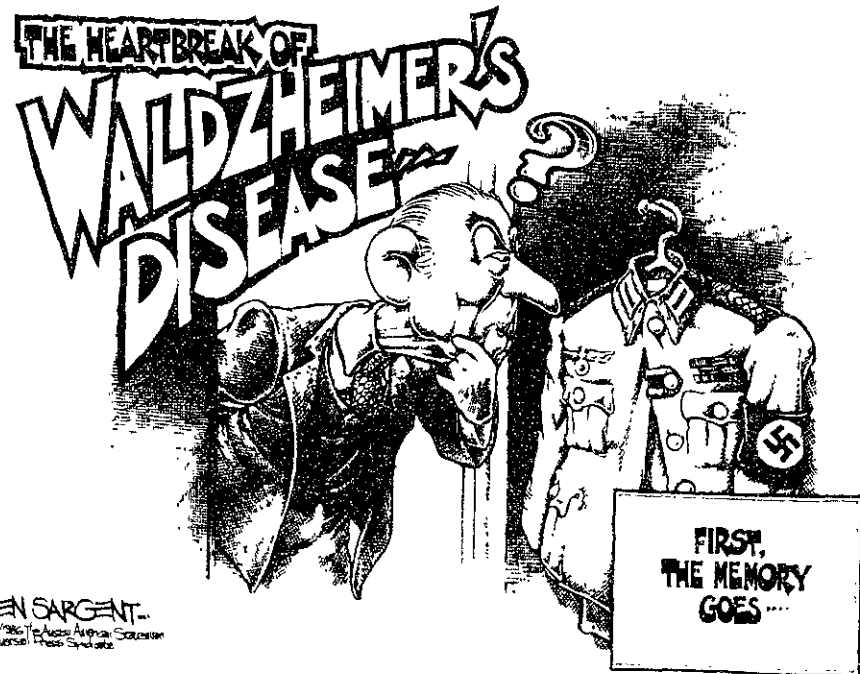
nessman, scientific activist and educator. He is most famous for founding the Hewlett-Packard Company, and recently won the National Medal of Science. He has served on the boards of a number of engineering and medical research institutes, and holds almost as many honorary degrees as Angelou.

I do not mean to belittle Hewlett's contributions when I express my disappointment with his selection. We cannot all be artists; the world needs dedicated scientists and engineers, and ones concerned with education and public service. Nor do I accuse the Commencement Committee of racism or sexism: my years at MIT have seen a female editor and a black female politician at the podium.

I object only to the plausibility of these people as role models for MIT graduates. Many of us are scientists, engineers and legal or business professionals. We have encountered and will continue to encounter professional role models all our lives, and we know that many of us will be the next generation of them. But how many of us will be poets, dancers or musicians?

Perhaps commencement should show us impossible, rather than possible dreams. Perhaps we should leave with a reminder that the world is far more varied than our ambitions. Don't show us what we may already envision — show us what we've never imagined, before our tracks become too narrow to accommodate it!

Elana B. Doering PhD '86



BEN SARGENT  
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 Original: Press Syndicate

# opinion

## feedback

### Friends of Ram concerned

To the Editor:

We would like to thank you and your government for the prompt response to our expression of concern over our friend Ram Manikkalingam. We were impressed by your government's commitment to the rights of defendants in particular and egalitarian justice in general.

However, we are also very concerned by reports from Amnesty International that indicate:

- Arbitrary killings by members of the security forces in reprisal for the killing of their own men or of members of the Sinhalese community.
- Arbitrary arrest and possible long-term incommunicado de-

tention, particularly of young men, their relatives often remaining unaware of their whereabouts for week or months after arrest.

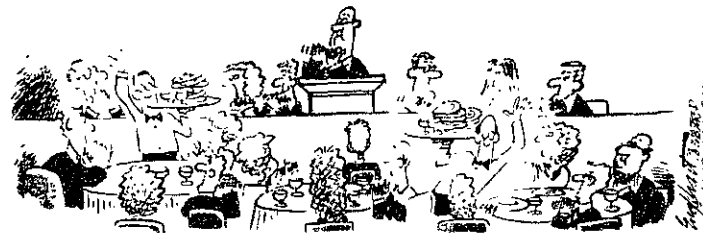
- Ill treatment or torture after arrest.

We are also concerned that the scourge of terrorism that afflicts your country can make commitment to the rule of law difficult. We in this country have particular empathy for the victims of this vicious, cowardly vice. Our concern, on the other hand, is acute in the case of Ram when all reports indicate that he has been denied even his right to legal counsel. We are also very confused about his date of arrest. The overseas edition of the *Sri*

*Lankan News* (Government controlled press) maintained as late as April 23 that it had no information whatsoever regarding Ram's whereabouts. However, *The Boston Globe* quoted a source that indicated Ram was arrested on the March 28. If this is the case, he has been denied his basic human rights for over two months.

We ask again that every effort be made by your government to act according to its principles in this case. We join with Sen. Edward M. Kennedy (*Collegian*, May 7, 1986) in asking that justice and fair play prevails.

Friends of Ram Committee



## feedback

### Gray's letter leaves unanswered questions

To the Editor:

Paul E. Gray's recent letter explaining the Campus Police's use of videotaping at student demonstrations leaves many questions unanswered and contains a self-contradiction. At the beginning of his letter, Gray claims it is not MIT policy to conduct any covert surveillance. However, later on he says a Campus Police member who is a video hobbyist was asked to "be prepared" to use his own camera and recording equipment.

I am curious: Who gave the order to use this equipment, if not the MIT administration? How is it decided where disorderly con-

duct is likely? In a financial sense, wouldn't it be easy for a technological mecca such as MIT to provide its Campus Police with state-of-the-art audio-visual recording devices?

There exists an MIT Committee of Privacy. It may have the power to restrain this sort of data collection on the part of the MIT administration and the Campus Police. Hopefully, after enough feedback from students, faculty, and staff, observation subjects will be told clearly and well in advance of the taping of any event, political or otherwise.

Julian Joseph '85

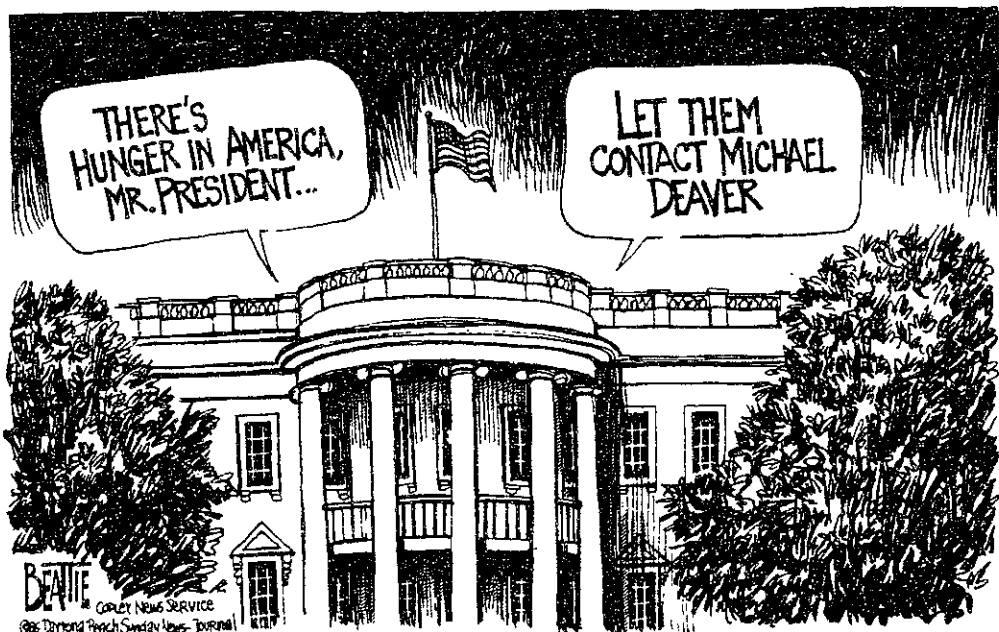
*Editorials*, marked as such and printed in a distinctive format, are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors and opinion editors.

*Dissents*, marked as such and printed in a distinctive format, are the opinions of the undersigned 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 should be typed and addressed to *The Tech*, PO Box 29, MIT Branch, Cambridge MA 02139, or by interdepartmental mail to Room W20-483.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters. We regret we cannot publish all of the letters we receive.



### Gray shows no humility after arrests

To the Editor:

This is an angry letter. I guess it takes a big ego to be President of MIT, or maybe just arrogance. I still haven't figured out which one was the driving force behind the actions of President Paul E. Gray '54 with respect to the shantytown trial this past term.

It takes a big man to admit his mistakes. The men who run this institution don't seem to have reached that level of moral development yet.

Virtually every person I have spoken to in the MIT community, regardless of his political stance, believes that the arrest of 8 students at the shantytown destruction last March was a foolish move at best, a draconian one at worst. Even stronger is their feeling that my own arrest was totally inexcusable, being the innocuous photographer that I was.

Yet neither Gray, nor any member of his administration, has seen fit to show any sort of public regret over this action. While

he did apologize to the faculty for not informing them of his plans in advance, Gray has refused to admit his poor judgement in his overall handling of the shantytown affair. To admit this obvious fact would have required a little humility and self-criticism, something I've yet to see any signs of in him.

I find it especially obnoxious to read in *Tech Talk* that Gray had asked the judge to drop the charges against me and my associates. This oft-repeated claim gives him the veneer of reasonableness and charity in this matter. The truth is quite the opposite.

These *Tech Talk* articles don't mention the fact that Gray asked Judge Sherman to drop the charges "with costs." That is to say, he was asking that the judge lessen the original sentence, but still fine all of the students the \$72 dollars, as in the original plea bargain. In fact the entire tone of Gray's letter to the judge indicated that he still felt that all

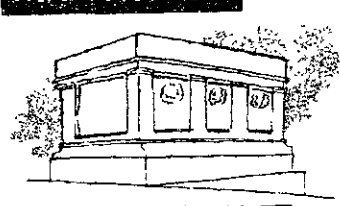
of the students were guilty (he reiterated this claim a number of times), but that it would allow MIT to save face if they were not to be prosecuted. Is it any wonder that the judge refused to cooperate?

My trial is now over, and I've been vindicated. After many hours of legal preparation, lost sleep, anxiety, missed TA duties, and an incomplete course for the term, I have been vindicated. I still have not, however, heard one word of remorse or seen any indication that Gray regrets what he has done. The administration remains, as always, publically indifferent; evermore alienated from the very community it is meant to serve.

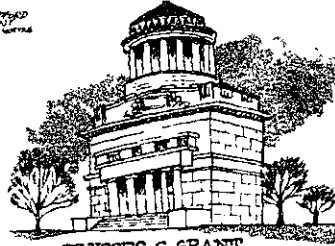
I can only wonder what sort of satisfaction Gray obtains from seeing students prosecuted like this. I hope its at least enough to make up for the injury he has inflicted on eight other human beings.

Larry Kolodney G

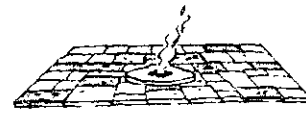
#### FAMOUS TOMBS



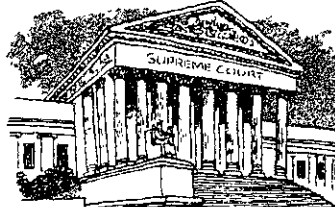
THE UNKNOWN SOLDIER



ULYSSES S. GRANT

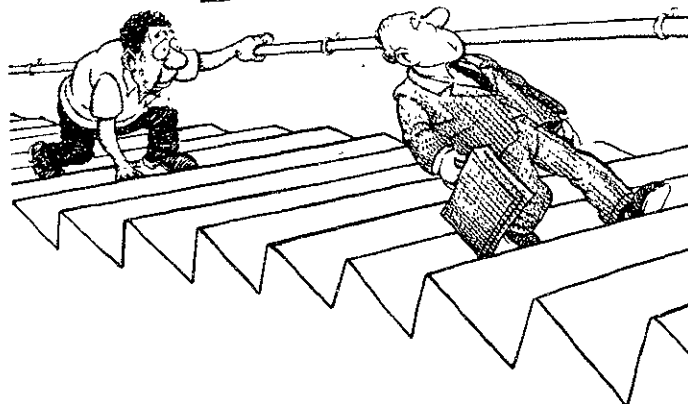


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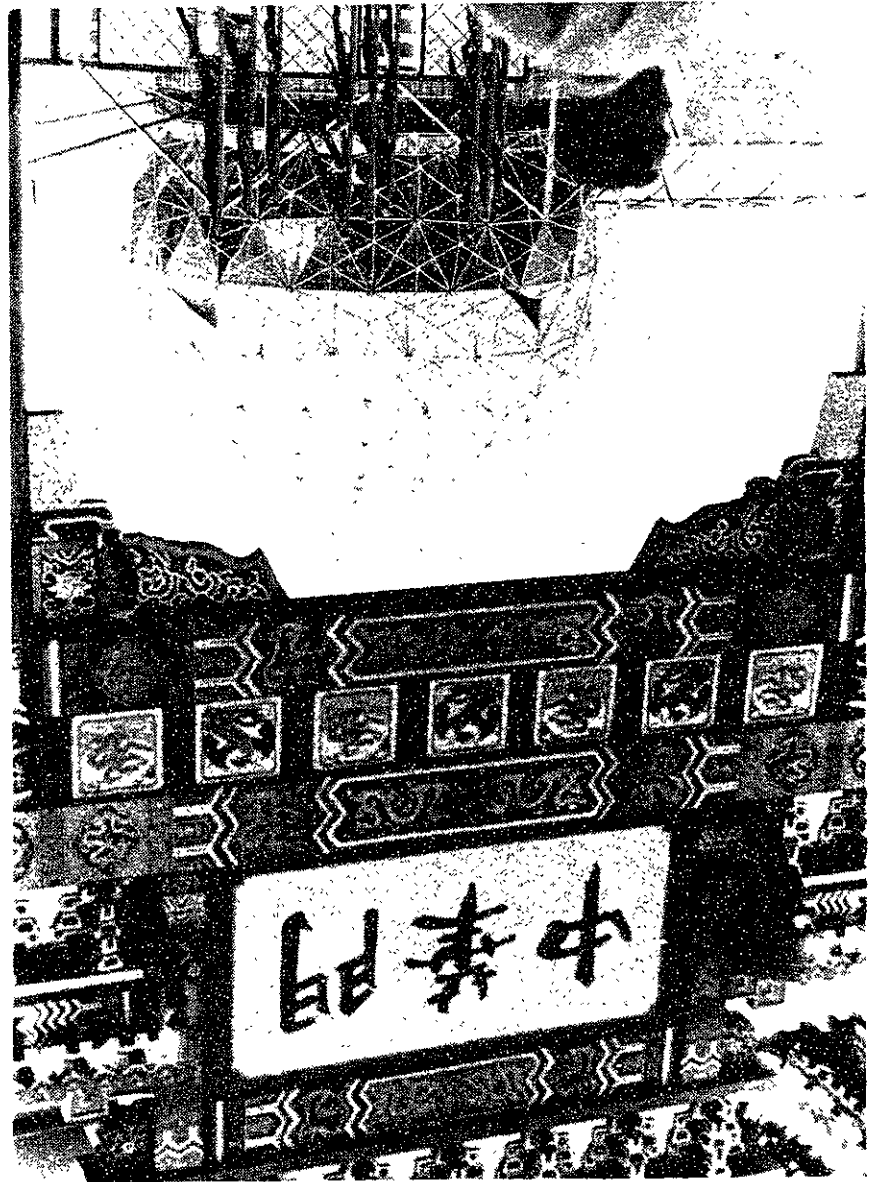
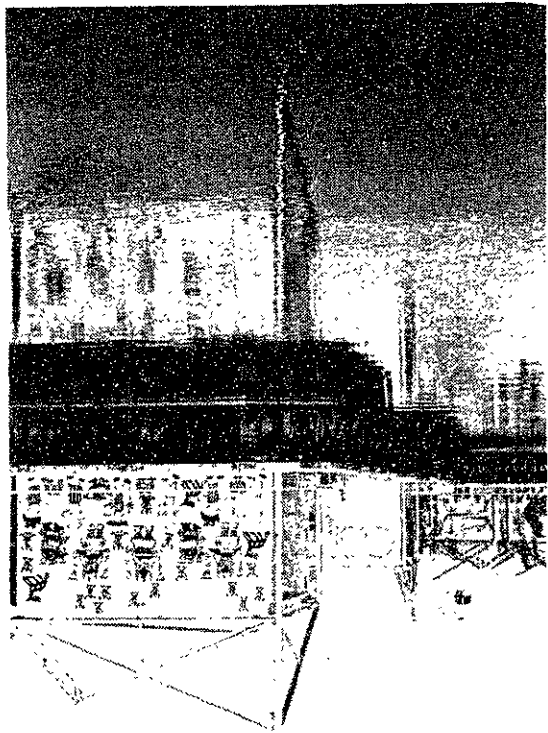
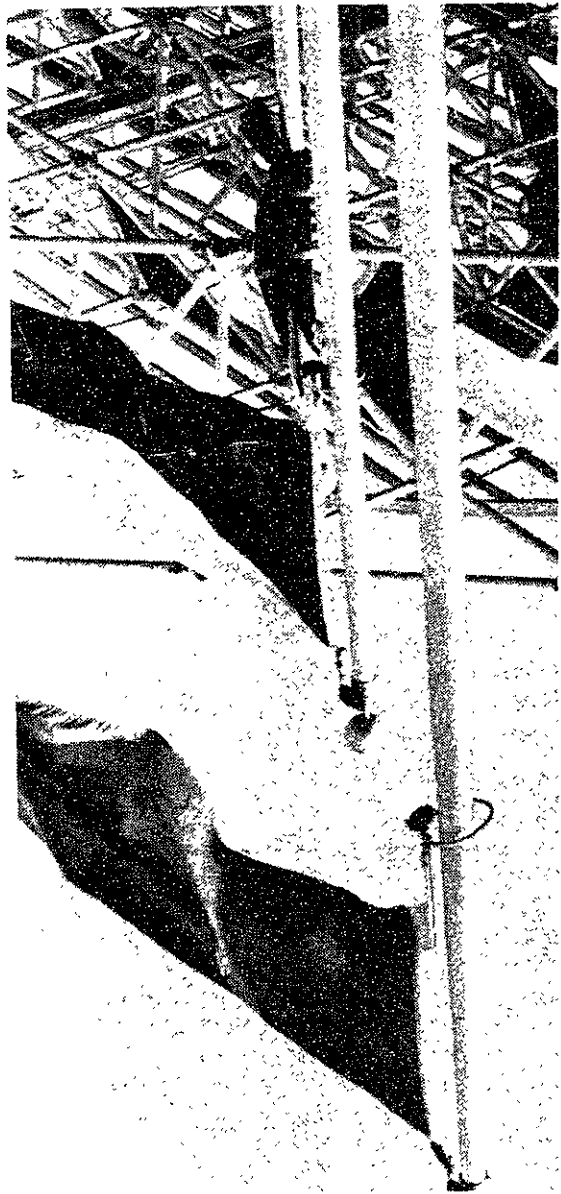
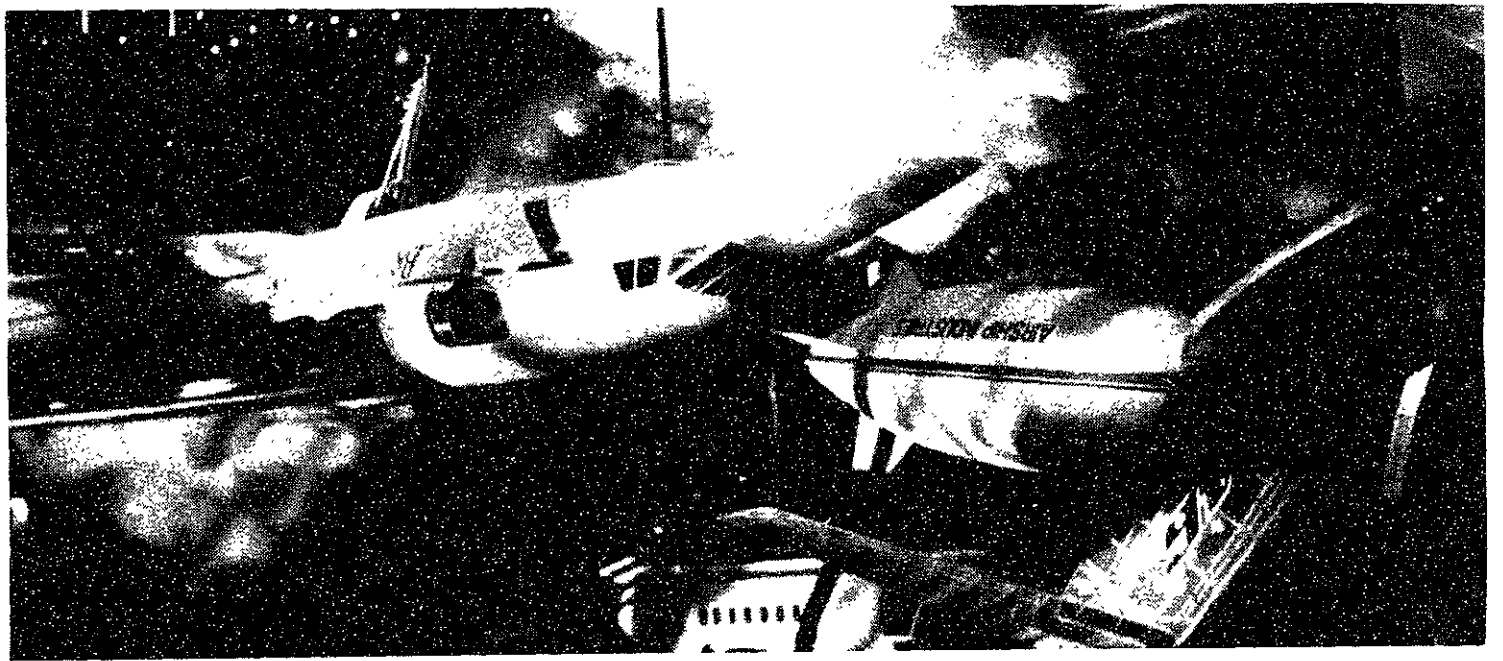
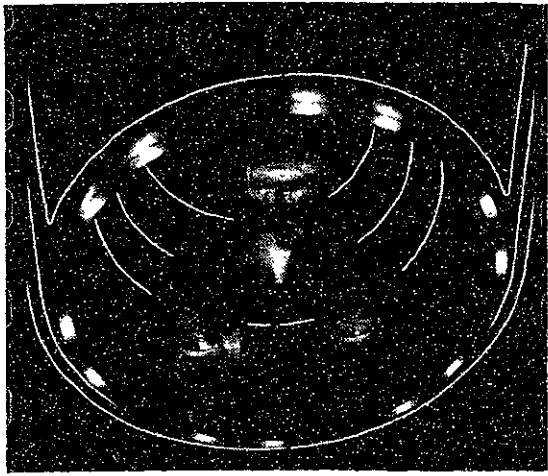
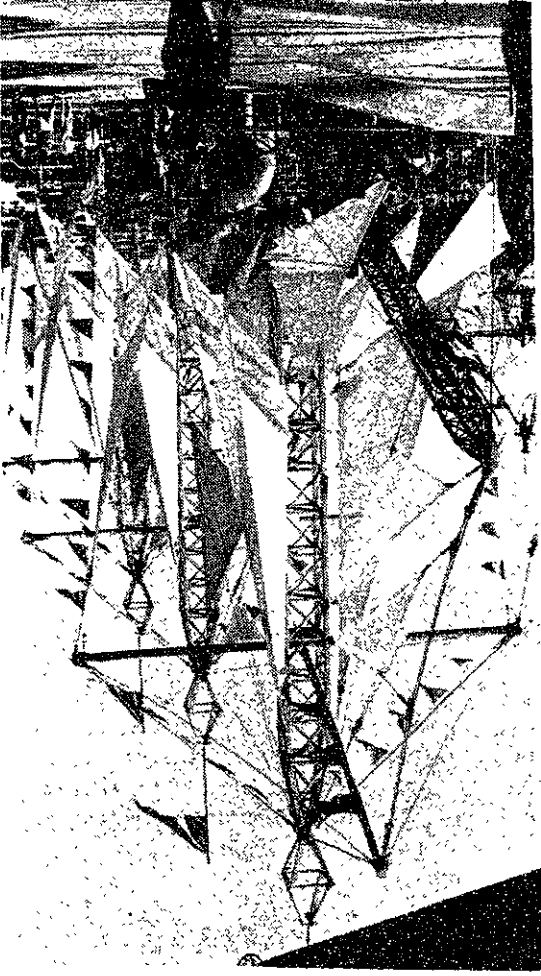
AFFIRMATIVE ACTION

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Photos and text by Julian West  
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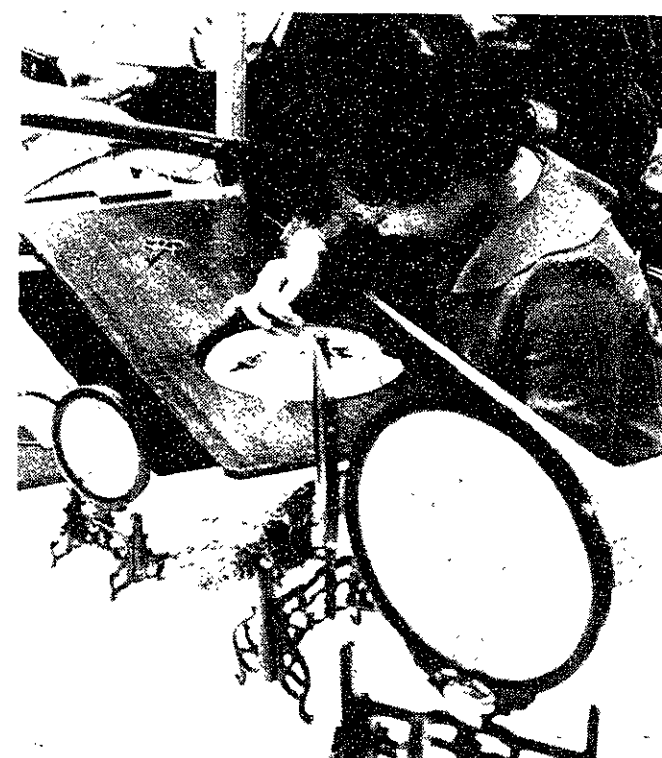
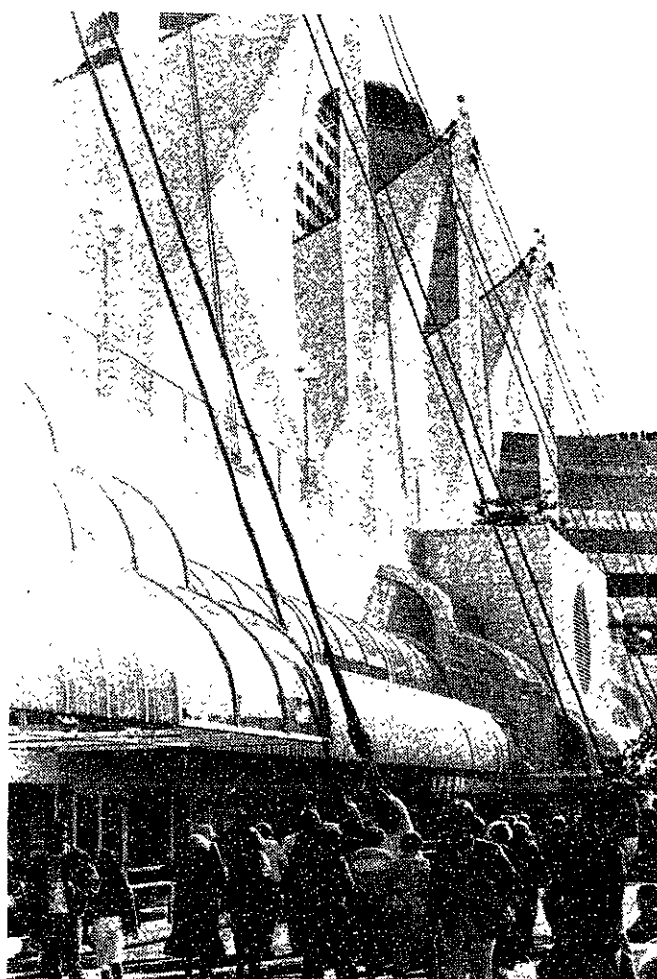
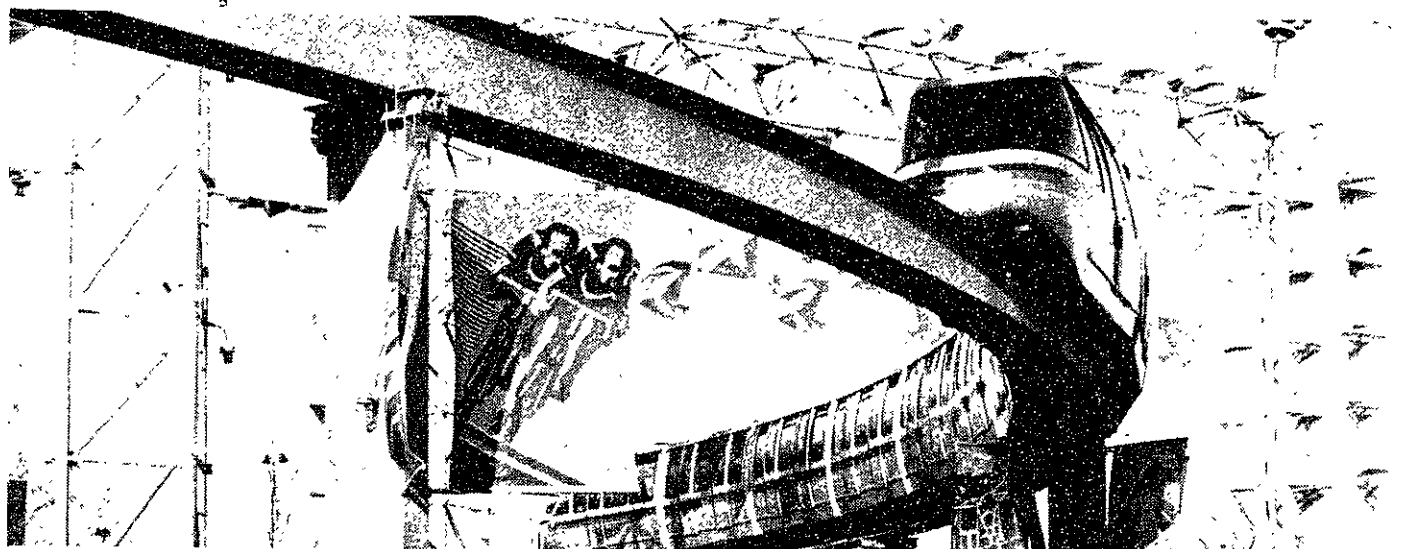
# Vancouver, Canada May 2 — October 13



# EXPO '86

photo essay

# photo essay



## World In Motion World In Touch

The 1986 World's Fair, the largest of recent years is drawing crowds to Vancouver, British Columbia. Historically a major Pacific port and railway terminus, Vancouver is well suited to a fair showcasing transportation and communications technology. The list of 54 participating nations reflects BC's European Heritage and Pacific Rim outlook.

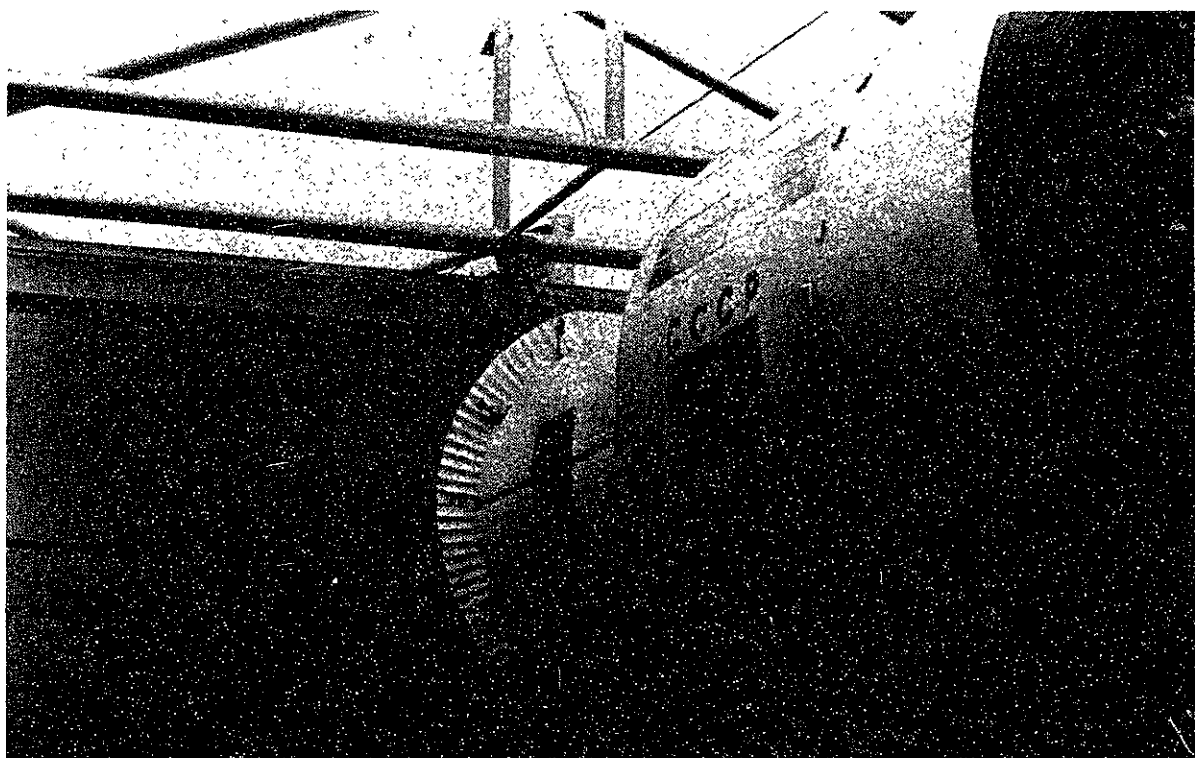
Whether British planes or French trains, from ancient to ultra-modern forms of transportation, there is so much to see at Expo that visitors with three-day-passes (at about \$33/US) leave reluctantly. Three colorful plazas reflect the triple themes of land, sea, and air transport. On-site transportation includes some of each — a monorail, ferryboats, and gondolas.

In the Japanese pavillion a room-size model depicts all forms of transport in both rural and urban Japan. But the United States, chose to show off its space technology including walk-through mock-ups of the proposed international space station. The Soviet Union already has a station; visitors can peer inside a life-sized model.

Canadian Provinces advertise travel opportunities with style and abundant visual effects. At the host BC pavillion a 60-frame/sec film on a giant screen provides a vivid illusion of motion. Ontario has a remarkable 3-D film which has viewers reaching out to touch the images. Quebec's audio-visual show features lasers and fountains.

After a day of electronic wizardry it is refreshing to spot gaps in the high-tech facade. Beneath the Teflon roof of the Canada pavillion a helium airship maneuvers deftly over a dugout canoe. Past the Long March Rocket and artificial satellites, Chinese artisans paint, carve, sew or write in the traditional manner. Once one looks, there are frequent reminders of the old ways. Mostly these are presented in an art-gallery way, with occasional hints of their wisdom.

Motors, a native Indian sage draws images from a "magic fire" asking why we seek to hasten our passage through life. At Canadian Pacific, Father/Mother Time personified as a stylized clock asks whether we wish to allow freedom of movement to others, and chides us that advancing technology has not altered our violent ways.



## Arts

## Arts

# Olympian Games trite and trivial

## OLYMPIAN GAMES

Written by Kenneth Cavander and Barbara Damashek, after Ovid's *Metamorphoses*. Directed by Barbara Damashek. At the American Repertory Theatre, through June 19.

By MICHEL BOS

To state my bias first: I quite like Ovid. Not that I keep his works under my pillow; but my experience with him is embedded among memories of which I am rather fond. It was thus with some anticipation that I went to see *Olympian Games*, the final production of the American Repertory Theatre's season, advertised as "an irreverent look at Ovid's *Metamorphoses*."

Poor Ovid. A few minutes sufficed to knock him out completely. In a plenary opening, the cast, awkwardly hopping and forcibly smiling, declared itself "a rainbow of melody," claimed that they "could be all that they wanted to be" and similar camp, to music qualifiable as generically upbeat. The overall effect was that of a dress rehearsal for a fledgling high-school musical.

Six episodes followed, each inspired by a tale from the *Metamorphoses*: Halcyon and Ceyx, Myrrha, Hercules, Tereus and Procne, Pygmalion, and Philemon and Baucis. The vast scope of modes of expression in the original stories had been reduced to essentially two: the burlesque and the sentimental. The most trite pathos alternated with the cheapest laughs. There was slapstick galore; one could see Hercules praising his manhood to a country rhythm, and Pygmalion stumbling from statue to statue to the beat of Henry Mancini.

To make things even worse, the fundamental problem in staging tales — to con-

vert narrative into drama — had not been resolved. Indeed, the problem was hardly addressed: the players simply explained what was going on. There were no props apart from Alexander Okun's appealing set (surprisingly austere, by local standards); the presence of objects was loosely simulated, but appropriate accompanying sounds were produced as naturalistically as possible.

Among the unsatisfactory aspects of the production the text was not the least embarrassing one. That Ovid's densely structured phrasing, elegant metric articulation or brilliant choice of words might not sur-

vive an "irreverent" adaptation is understandable and, to some extent, justifiable. But frankly, things like

*Tereus became a jay  
Looking for a word to say*

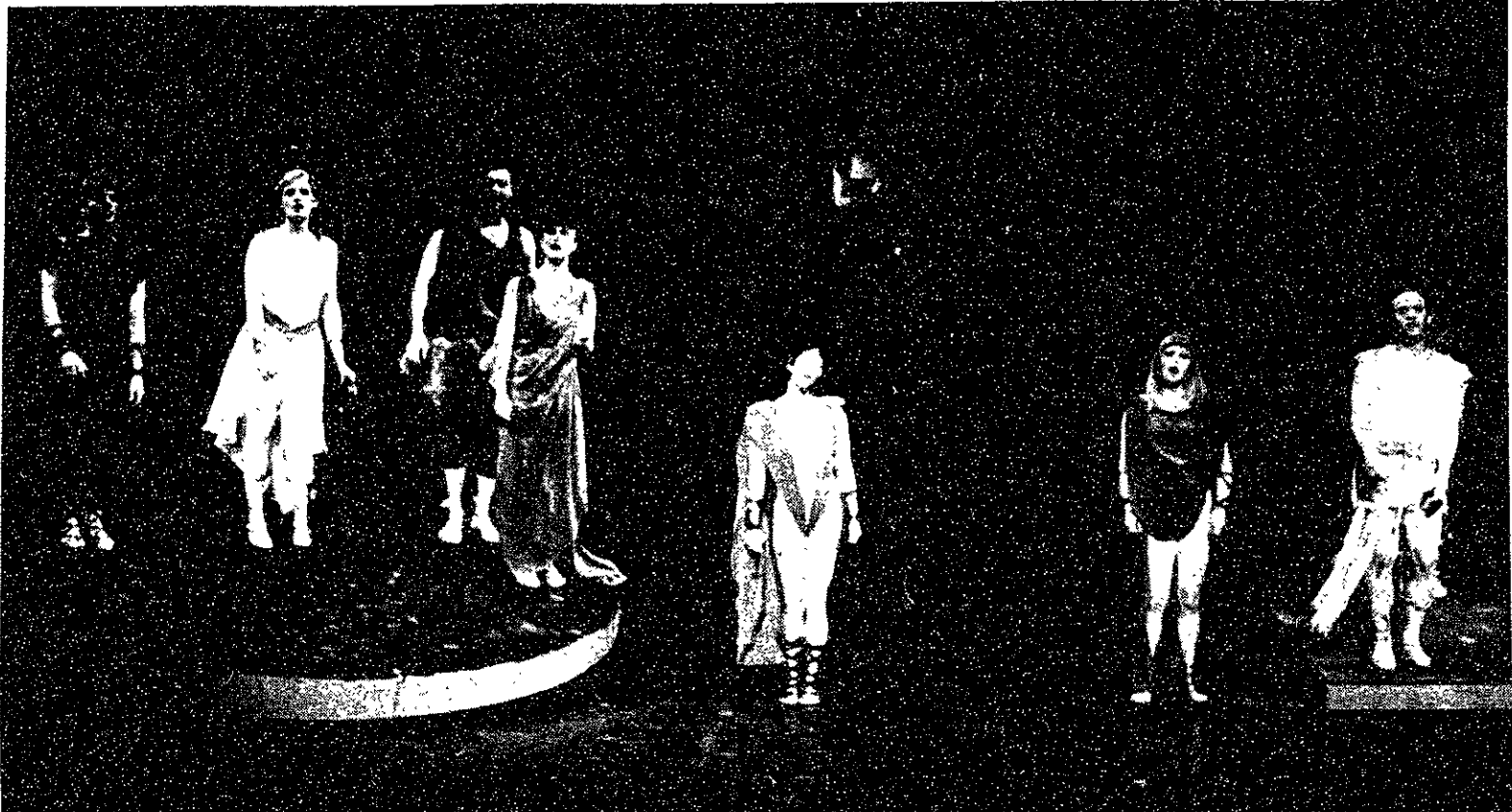
are stretching the limits a bit too far, and if there was anything really above this level it must have escaped my attention.

*Olympian Games*, written in 1972, now epitomizes the worst idiosyncracies of its time. The musical score abounds with the kind of folksy slush that in those days seemingly stood for the essence of feeling. A diluted form of holistic aspirations tran-

spires in the play's profoundly ahistorical frolic.

Granted, a certain attempt has been made to update the text, with insertions conspicuously original and devastatingly funny. There was a reference to Mrs. Marcos, for instance, and the threatened goose of Philemon and Baucis challenged the hungry visitors to "make my day."

Why was all this necessary? That Andrej Wajda's scheduled guest-directorship had to be cancelled is admittedly sad, but the ART must have been really desperate to settle for this in its place.



The opening of *Olympian Games*.

(Photo by Richard Feldman)

## Another year, another *Technique*



Technique photo by Dan O'Day

### TECHNIQUE 1986

The MIT undergraduate yearbook.  
384 pages, \$25.

By MARK KANTROWITZ

"What is the use of a book," thought Alice, "without pictures or conversations?"  
— Lewis Carroll

"Human subtlety. . . will never devise an invention more beautiful, more simple or more direct than does nature, because in her inventions nothing is lacking, and nothing is superfluous."  
— Leonardo da Vinci

VERY RARELY in the course of one's day to day existence can one grab a slice of life and savor it slowly. With eyes cast downward upon the floor before their feet, students rush to their classes, ignoring the people and places about them. *Technique 1986*, however, captures the essence of MIT life, rendering it tastefully and artistically.

The yearbook opens with sixteen pages of dazzling color, followed by a series of sixteen black and silver duotones. From a picture of crew practicing opposite the big dome to a late evening extended exposure of the Longfellow bridge, the color photography is consistently superb. *Technique* also makes good use of the silver ink to

add texture to splendid black and white photographs. The excellent photography makes this year's *Technique* worth seeing.

Nevertheless, the yearbook is organized in a haphazard manner, containing absolutely no thematic content (other than the three letters MIT). Photographs are grouped solely by timeframe, and little else. For example, what does a row of dancing girls have to do with Dean McBey accepting the Big Screw?

Moreover, though the *Technique* photographers captured the spirit of MIT life, the content of their photographs is lost in an unbalanced layout. Pictures of special events are clumped together, followed by groups of candid shots. There were altogether too many mug-shots.

The yearbook also reads like a picture-book. Minuscule amounts of text try to complement the photography, and what little text there is contains factual errors. What good are pretty pictures, if they are not accompanied by informative paragraphs?

Finally, *Technique 1986* made a serious yearbook error — printing a volleyball picture twice. And the picture was in the same signature as well, on pages 100 and 106. It was a nice picture though.

Despite these problems, the latest volume of *Technique* is filled with wonderful images of MIT and is well worth the price.

## classified advertising

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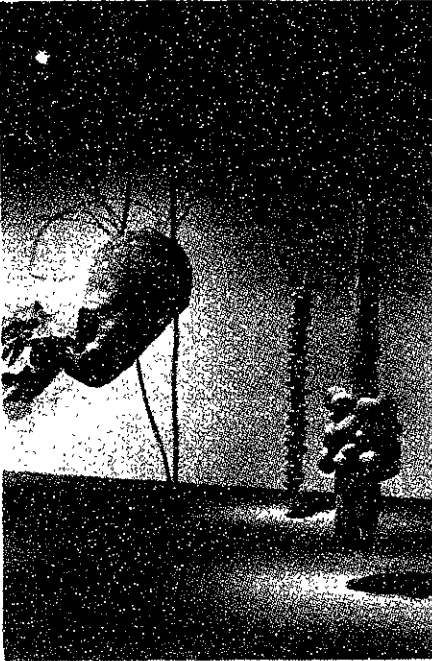
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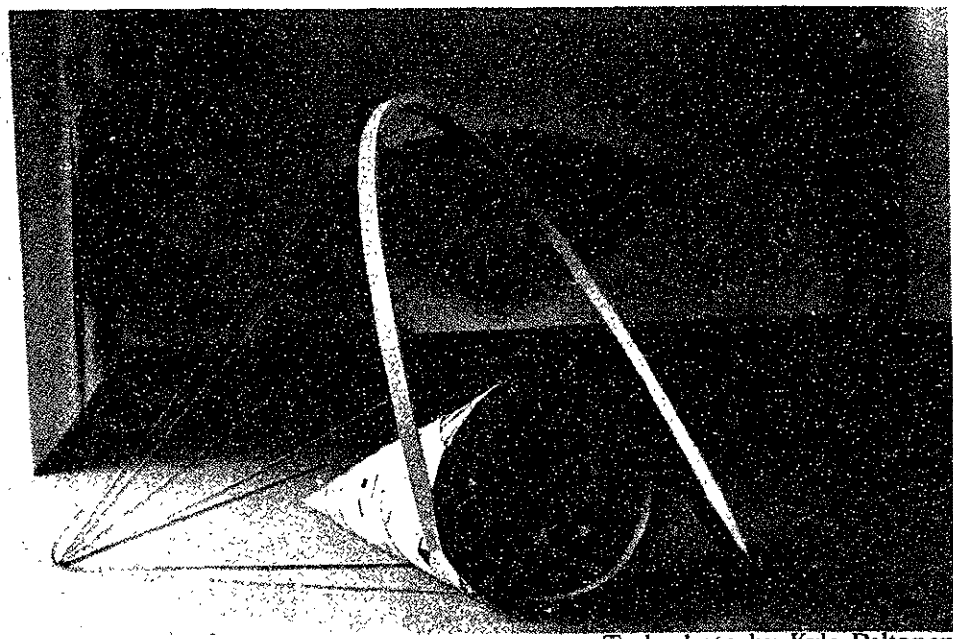
**ONGOING**



Tech photo by Kyle Peltonen.

With *Natural Forms and Forces: Abstract Images in American Sculpture*, the MIT Committee on the Visual Arts presents its most ambitious project of the closing academic year. The exhibition illustrates recent developments in American abstract sculpture with particular attention to its relation to nature. It has a retrospective, historical part, with Eva Hesse, Michael Lekakis, Theodore Roszak, Robert Smithson and Ruth Vollmer, as well as a contemporary section featuring Lynda Benglis, John Duff, Nancy Graves, Ellsworth Kelly, John Newman, Martin Puryear, Alan Saret, Richard Serra and Alan Stone.

The retrospective part and half of the contemporary works are located in the Sculpture, Hayden and Reference Galleries at the Wiesner Building (E15) on the MIT campus, open weekdays 10-4 and weekends 1-5, through June 29. The other half of the recent works are on display at the Bank of Boston Gallery, on the 36th floor of 100 Federal Street, Boston, open to the public on weekdays 9-11:30 am and 2-5 pm, through July 12.



Tech photo by Kyle Peltonen

# Get Published of limited use

**GET PUBLISHED**

By Diane Gage and Marcia Hibsich Coppess; Holt, \$24.95 hardcover.

By KEN MELTSNER

**A** NEW GRADUATE often thinks of moonlighting. Freed from the MIT grind, many think a 40 hour per week job will be a snap. In reality, free time evaporates quickly and dreams of a lucrative second career vanish.

One of the most popular dreams at *The Tech* centers on freelance writing, and many MIT students share this dream. The life of a writer seems like it would be more rewarding and enjoyable than another junior engineering position at BigCo, but it's tough to "break-in" to writing.

Books and articles to help aspiring writers abound. Entire publishing ventures center on helping new authors, or if one is a pessimist, on fleecing them. *Get Published* was written for a major publisher and Henry Holt's imprint on the spine lends an immediate air of importance to the book. Unfortunately, that is all it has. The cover claims that "Editors from the nation's top magazines tell you what they want." Reading the book, one finds *Modern Maturity* wants "...bright writing filled with lively quotes," or that *Seventeen* says if "you have a good idea ... you've got a good chance of selling to us." This is news?

*Get Published* attempts to teach the reader to grab the attention and the assignments of the big national magazines. The book consists of detailed, and mostly

accurate, market reports. Other guides list more markets, but gives each one much less space.

The authors wrote to all the major magazines for information about the odds of a query turning into an assignment and the structure of the magazine. The magazines which replied were included in the book. One should be suspicious of much of the information; there was no independent verification.

The reports are useful, but will become outdated quickly. There is no substitute for actually reading the magazines, after all. *Get Published* may have more details on the magazines it covers, but does not cover technical or regional magazines, which appear to be the best markets for new writers who know their subjects well.

*Get Published* has useful information for writers: how to write a query, contract details, and even how to write your article. But most guides do. Personally, I prefer the overwhelming detail of the *1986 Writers' Market Guide* (from *Writers' Digest*) to the short and boring chapters of this book. \$24.95 would be well-spent if this book will make you feel more secure, but if you need help on these aspects of writing, try the smaller regional or specialized magazines first. The magazines this book lists are too tough for most beginners.

Want to get published? Spend your \$24.95 on the magazines you like, and go to the library to use their copies of *Writer's Digest* and the *Writers' Market Guide*. *Get Published* might give you a sense of security, but it is no substitute for studying potential markets.

## Keep in touch with the 'Tute...

The *Tech's* been keeping in touch with the Institute for over a century — covering issues both on and off campus that affect MIT students. From the future of student loans to the future of pass/fail grading, from fun on the football field to fun in and around Boston and Cambridge. *The Tech* has kept its readers informed and entertained since 1881. There's no better way for parents (and aunts and uncles and brothers and sisters and goldfish) to keep in touch with what's going on at the Institute. Subscribe to *The Tech* — join 12,000 readers who keep in touch ...

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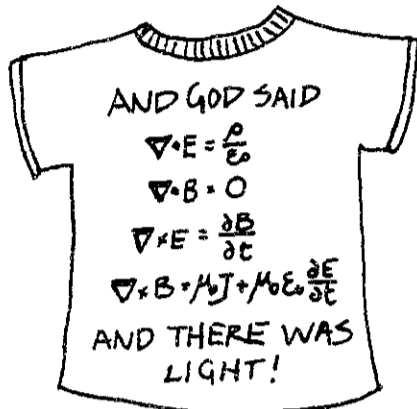
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# Job market constricted in 1986

By Katie Schwarz

The economic slump in American industry continues to constrict the job market for graduates in engineering, but MIT students are holding their own, said Director of Career Planning and Placement Robert K. Weatherall.

On the other hand, it was a "better time for people outside science and engineering than it previously has been," he said, with improved prospects in architecture and management. He felt careers in consulting, finance and the government are increasingly open to MIT graduates in all departments.

There has been no surge in recruiting by the defense industry, Weatherall observed. "You'd think they would have been going gung-ho for 'Star Wars,'" he said, since President Reagan has backed more funding for Strategic Defense Initiative research. But he felt most firms have been holding back, expecting a deficit-conscious Congress to refuse increases in military spending. "It's not been a scramble, by them or by MIT students."

### Industry: weaker job market

This has been "one of the harder years" Weatherall has seen in his 17 years of directing the Office of Career Services. American companies in several traditional engineering fields, particularly the oil, chemical, semiconductor and computer industries, have had fewer positions available, he explained.

One major employer, IBM, did not come to MIT this spring as it normally does. But "in spite of all that, students have done well," and the overall number of job offers to MIT graduates has not dropped sharply, he said.

About 400 firms and government agencies recruited at MIT this year, almost as many as usual, Weatherall said. "Many came even though they weren't at all certain" they would be able to make any offers, he noted. "They kept hoping things would get better."

The shortage of jobs hit mechanical engineers and geologists particularly hard, Weatherall continued. There were few jobs available in chemical engineering, but fewer students were seeking those jobs, he added, explaining that enrollment in the department has been down since oil prices began falling.

Companies made less than half as many offers as they did last year to SB candidates in both mechanical and chemical engineering. The number of offers to bachelor's degree candidates in electrical engineering also dropped, although offers to graduates in computer science increased.

In contrast, seniors in civil engineering and aeronautics and astronautics found increasing opportunities. At the bachelor's degree level, civil engineers commanded the highest median salaries of all graduates entering industry. Last year, the highest

salaries went to chemical, electrical and mechanical engineers, but salaries in those fields rose little this year, allowing other disciplines to catch up.

Graduates from the School of Science also found jobs in industry at all degree levels. "We wish more students would realize that they could major in science and still turn to the technical job market," Weatherall commented.

Weatherall felt future trends in opportunities for engineering students were unclear. "This is an uncertain time. The signals point in different directions," he said.

### Non-technical fields: good season

Opportunities expanded in management and at the graduate degree level in architecture, Weatherall said, and there were also more opportunities for students seeking non-technical jobs for which they were not specifically trained.

More and more, "organizations have been valuing MIT students not because of their majors, but just because they have good problem-solving skills," he said. He felt graduates in technical and non-technical fields alike are being welcomed by consulting firms, Wall Street

firms and government agencies.

### Questionnaire on student values

MIT needs a better idea of what kinds of careers students want, Weatherall said. He has been "more and more conscious of the broad range of interests that MIT students have," and the faculty committee investigating the influence of the military on MIT this year [see story on the committee's report, page 1] was also interested in students' views on careers. "I don't think MIT has had a very clear knowledge of what students are after," he said.

Therefore, for the first time this year, the Office of Career Services sent graduates a questionnaire on what is important to them in their careers. The questionnaire asks students to indicate the importance of a list of factors such as "work contributing to the good of society," "opportunity to become a top manager," and "opportunity to implement your creative ideas."

The office has sent the questionnaire to graduating students since September; those graduating today are the first large group to receive it. Weatherall will compile the results over the summer.

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## EECS enrollment rises, but no restrictions made

(Continued from page 1)

The plan approved by the faculty in 1984 instructed CUAPA to decide each year whether to restrict freshman admissions, if the department's sophomore enrollment exceeded certain benchmarks. The original plan allowed CUAPA to consider restrictions on the freshman classes entering in 1985, 1986 and 1987; the faculty voted May 21 to extend the committee's authority for another two years.

EECS enrollment has dropped for the past two years, falling nearly to the benchmark levels, but this year's freshman class

shows an increase in enrollment instead of the desired decrease. The Class of 1989 is projected to contain 344 EECS majors, whereas the department believes it can comfortably handle no more than 270 students per class.

Director of Admissions Michael C. Behnke has said he expects fewer of next year's freshmen to major in EECS. The percentage indicating an interest in the field on their applications has decreased, he said; also, the incoming class contains more women, who have been less likely to choose EECS.

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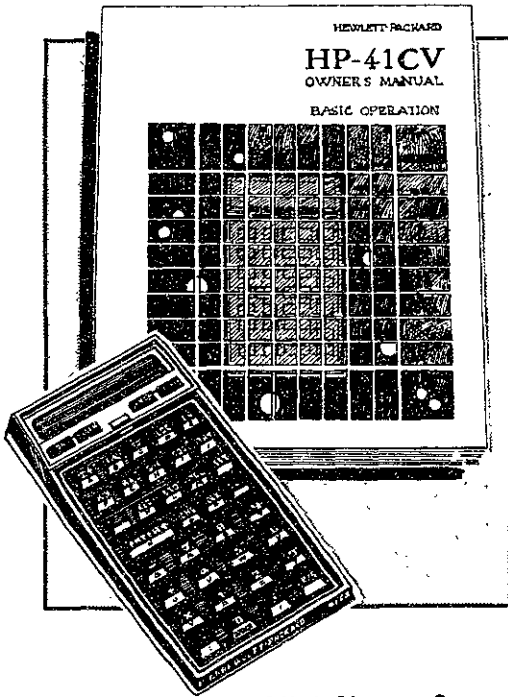
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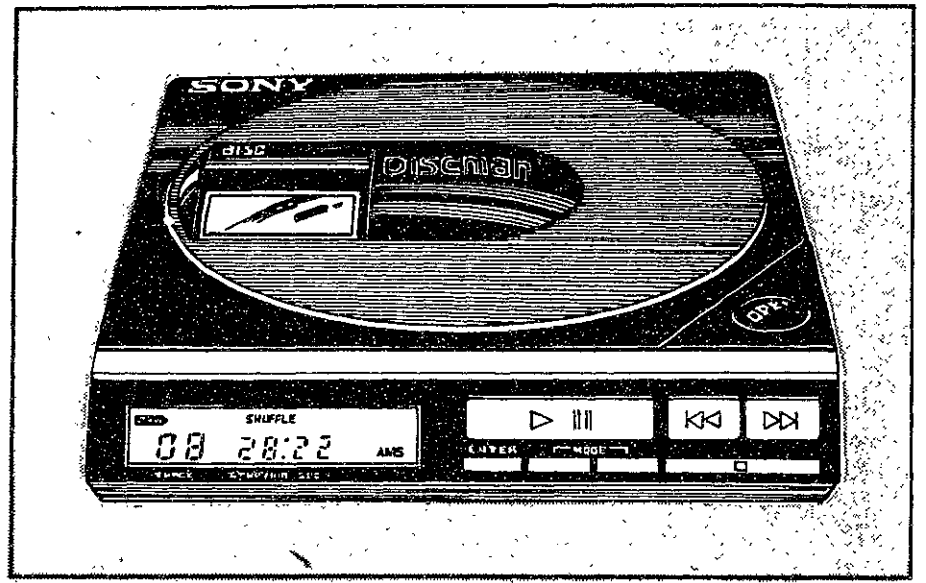
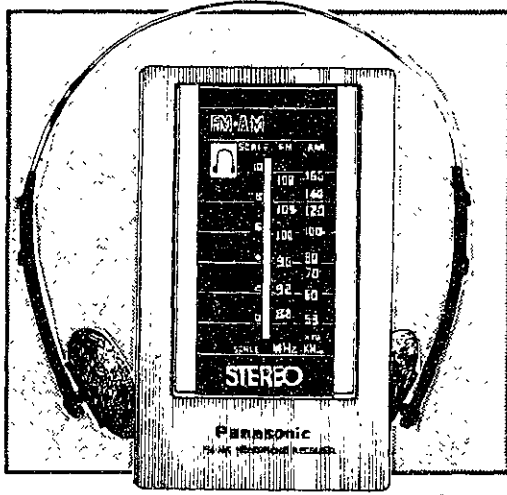
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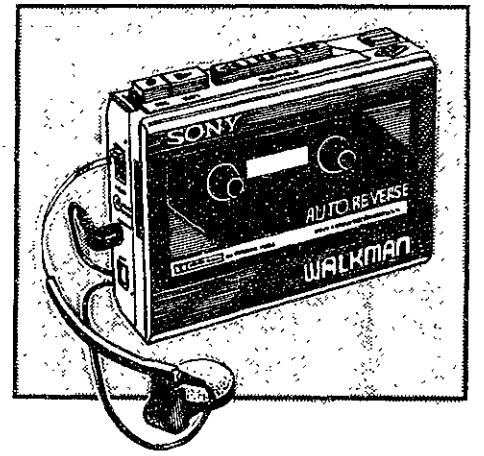
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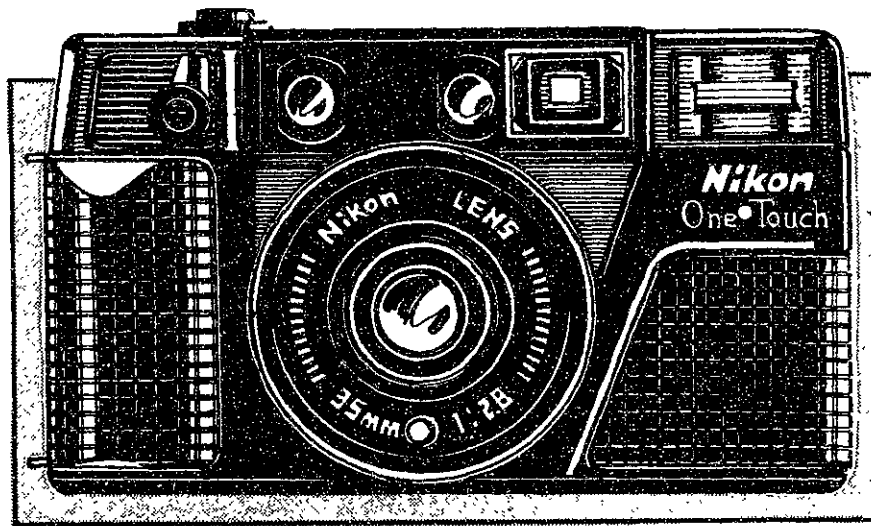


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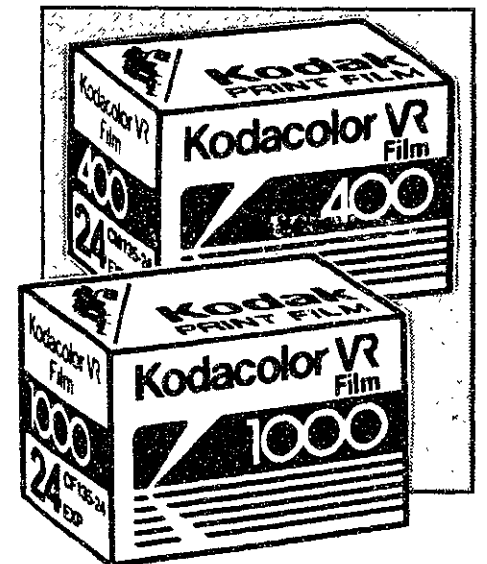
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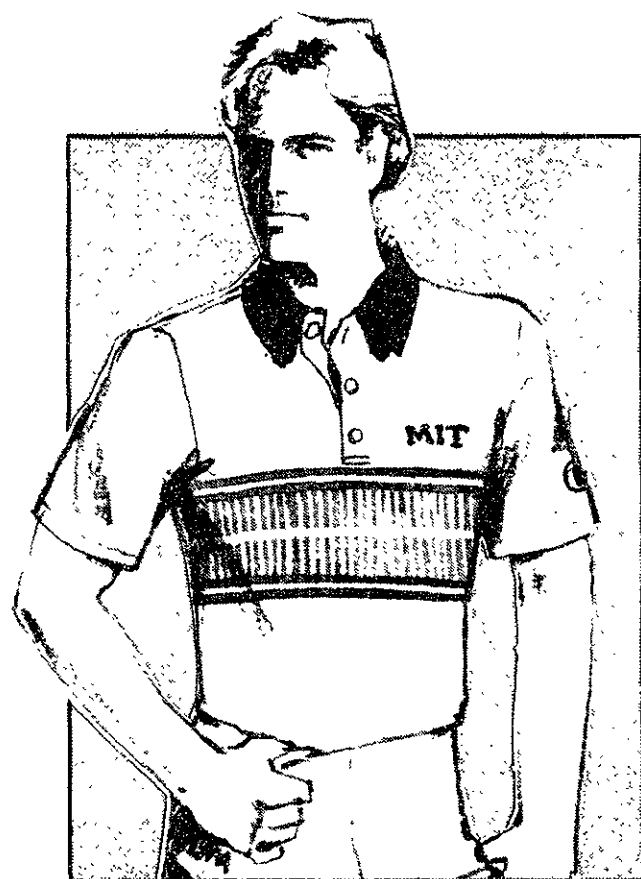
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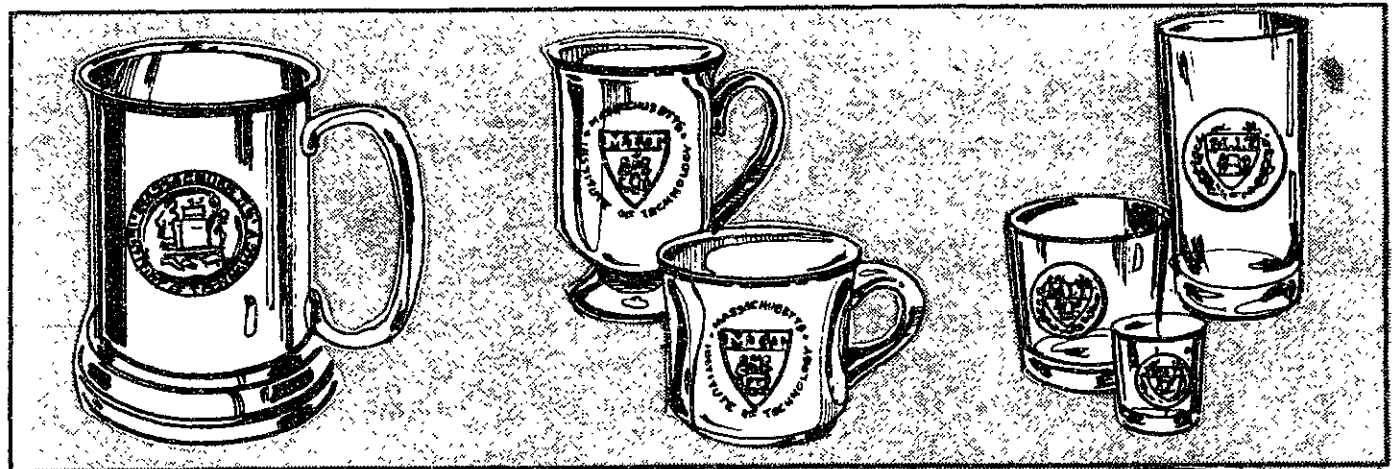
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## FPC calls for more graduate housing

*(Continued from page 1)*  
The group acknowledged the fact that the Institute can presently house only 27 percent of all graduate students, although 46 to 56 percent of the graduate student population wants to live on-campus.

The FPC group, chaired by Professor Peter Elias, therefore suggested that the proposed new graduate dormitory, to open in 1989, should be just "the first installment of a construction program to meet our long-term housing goal." The group recommends that MIT build additional graduate housing in the next five or six years, and relate future housing plans to the expected size of the graduate school.

• **Report on the military influence.** Professor Carl Kayser, chairman of the *ad hoc* Committee on the Military Presence at MIT, outlined the committee's 12-month study on how the US

military affects MIT *(see related story)*. The faculty voted to establish a presidential committee to examine possible changes in Institute policies based on the *ad hoc* committee's findings. Kayser's committee was charged only with gathering facts.

• **Killian Award.** The faculty recognized Mildred S. Dresselhaus, Institute Professor in the Department of Electrical Engineering and Computer Science, as the 1986-7 Killian Award winner. The Killian Award is given annually to a faculty member in recognition of professional accomplishments.

• **Faculty officer elections.** The faculty approved Bernard J. Frieden, professor of urban studies and planning, as chairman-elect of the faculty for the upcoming year. Frieden will become faculty chairman in the fall of 1987. The nominations of faculty members for 14 committees by the Committee on Nominations were also approved.

## DOD research funding less than other sources

*(Continued from page 1)*  
more information on the military dimensions of various career fields," the report stated. Students discuss the issue of military involvement frequently with other students, but rarely with advisors, professors and TAs, according to the survey.

Most students surveyed in the School of Engineering believed that between 25 and 60 percent of the jobs in their fields are military related. In contrast, students in other schools felt the number was less than 25 percent for their fields. The proportion of engineering students expressing strong aversion to military work was half the proportion for students in the other schools.

The committee also felt that the faculty needs to examine the relationship between researcher and sponsor in the case of the Strategic Defense Initiative (SDI).

Only three percent of the faculty surveyed said they believed SDI will provide a nationwide defense against nuclear weapons, the report said. In addition, three-quarters felt it would "further channel research funds into areas not related to the civilian economy."

Only five percent of the faculty felt that SDI funding would have a positive effect on MIT; a majority, however, felt the effect would be neutral or were unsure. Student opposition to SDI funding was milder. Although 38 percent opposed SDI funding, 26 percent felt it would be generally good.

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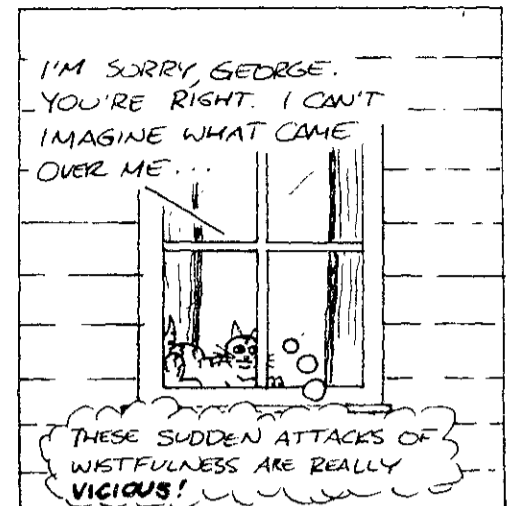
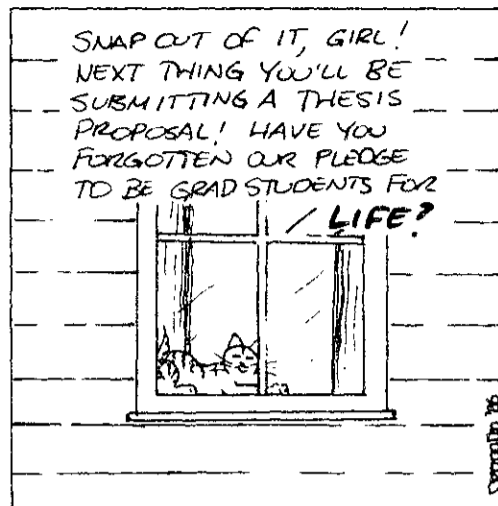
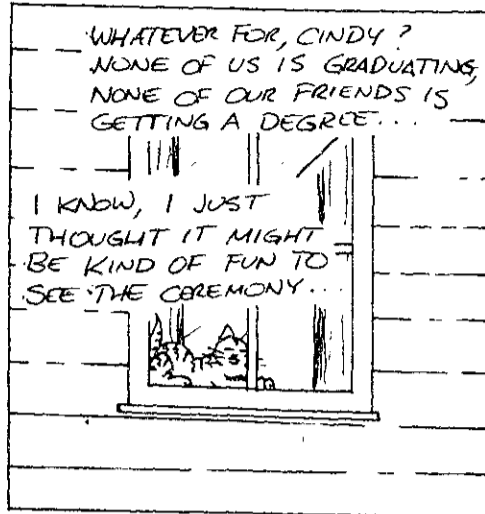
- ★ ★ ★ **The Committee of the HASS Requirement** expects to issue and submit its final report to the Dean of the School of Humanities and Social Sciences and the Dean for Undergraduate Education by the middle of June. According to its chair, Professor Pauline Maier, the committee will adjourn early this summer.
- ★ ★ ★ **The Committee to Design an Integrative Curriculum in the Liberal Arts** held its final meeting on May 19. It will issue its final report shortly.
- ★ ★ ★ **The CEUE** will meet this summer to define a set of initiatives to enable the School of Engineering to realize the CEUE Goals of an Engineering Undergraduate Education drafted earlier this year.

Do you have comments or questions you'd like us to print? Send them to: The Undergraduate Education Bulletin Board, Bldg. 1-211, or call Robin Wagner at x3-8051.

# comics

## Outside Looking In

By V. Michael Bove



## .T.I.M Beaver

By Kevin Burns



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# sports

## Tennis, Volleyball, Track lead MIT spring sports

### Sports Update

It was the best season ever for the men's tennis team. Second-year coach Bob Bayliss guided the netmen to a 10-1 record against Division III opponents and 3-3 against Division I competition, with wins over Massachusetts, Vermont and Connecticut. The team was ranked as high as 11th in the Division III coaches' poll during the season, its highest rating ever.

Ramy Rizk '86 and Ben Spehlmann '88 represented MIT at the NCAA Division III championships in Claremont, CA; it was the first time MIT tennis players have ever gone to the national championships.

The team won the New England Championships for the first time April 27, beating 29 opponents. MIT received the team sportsmanship award as well, and captain Rob Craig '86 was honored for outstanding individual sportsmanship. Rizk was first in singles competition at the championships, followed by Craig at third, Brian Brown '89 at fourth and George Lyden '88 at sixth.

MIT swept second through fifth place in the overall season rankings of Division III players in the region: Spehlmann was ranked second in singles, Craig at third, Brown at fourth and Kaiyee Ho '89 at fifth.

### Men's volleyball dominates league

In their first year as a varsity team, the men's volleyball squad won the New England Collegiate Volleyball League championship and entered the Division I tournament. Included in the 25-10 record were several defeats of Ivy League schools. They also won the New England conference of the Eastern Intercollegiate Volleyball Association by beating Dartmouth. MIT was ranked 20th in the nation in Division III at the end of the season.

### Men's track unbeaten again

It was the third straight unbeaten season for the men's outdoor track team, who had a 5-0 record. Perennial rival Brandeis edged MIT for the New England Division III title, which the two schools have traded back and forth for several years. At the championship meet, Gordon Holterman, who graduates today after only three years, won the 1500 meters in 3:52.41, and Bobb White '87 cleared 15' 1/2" to win the pole vault.

### Women's crew has strong year

Coach Mayrene Earle considers this year's crew the best she has coached in her three years at MIT. The varsity had a crowded schedule, racing almost every weekend, and compiled a 5-6 record. The season highlight was their victory over Rutgers, Purdue and Columbia in a four-way race Apr. 13, and they also defeated WPI and Northeastern and finished third of six in the New England.

### Mixed seasons for men's crews

First-year coach Bruce Beall led the men's heavyweight varsity crew to a 3-4 record. They beat Columbia, Coast Guard and Dartmouth. The crew failed to qualify for the finals in the Eastern Sprints Championships on May 18.

The varsity lightweight crew had a tough season with a young team, ending at 0-6. But the freshman lightweights came on strong for a winning season with a 4-3 record. They defeated Yale, traditionally one of the top crews, as well as Columbia and Cornell. The frosh finished third in the Eastern Sprints, behind Princeton and Harvard and ahead of Yale, Navy and Rutgers.

### Batters lead way to softball wins

Softball had its fourth winning season in five years, batting its way to a 12-7 record. Leading hitters were first-basewoman Mary Cox '86 and shortstop Stacy Thompson '86, both with .375. Four others hit over .300: third-basewoman Diane DiMassa '88 with .364, outfielder Carol Cantwell '88 with .340, catcher Julie Brown '88 with .339 and second-basewoman Julie Chen '86 with .310.

The team's overall batting average was .311. Karen Krans '88 was the top pitcher with a 12-7 record and a 2.07 earned run average. Season highlights included a 6-1 victory over Harvard and a 14-1 trouncing of rival Mt. Holyoke in the final game of the season.

### Varsity sailing has woman captain for first time

Team captain Louise Sedlacek '87 made history: this year, the 50th year of varsity sailing competition at MIT, marks the first time a woman has become captain of the varsity (both men and women are eligible). The team just missed qualifying for the New England team race championships. They finished 11th at the New England Dinghy

Championships and won the Shields Invitational at Coast Guard. MIT was second when it hosted the Geiger trophy, and fifth in the Greater Bostons.

The women's sailing team competed in five regattas, led by Christine Kronich '89 and Barri Gold '88.

### Winning season for golfers

The golf team had a 9-2 spring record, resulting in a combined total of 13-3 for fall and spring competition. Eric Asel '87 finished second among 103 golfers in the Massachusetts Intercollegiate Golf Tournament on April 17. He participated in the NCAA Division III Championships for the third straight year.

### Baseball survives tough schedule

The baseball squad amassed an 8-17 record, playing a very tough schedule. They offered respectable competition to some strong opponents but came up just short, losing to Division I Boston College 11-9 on a three-run pinch-hit homer in the 10th inning, and losing a doubleheader to Harvard 4-2, 3-2.

Rich Zermani '87 led the team in hitting with a .304 average, followed by Ken Switzer '86 with .292 and Tom Hoffman '87 with .261. Hoffman was named to the Greater Boston League all-star team; he hit .349 in competition within the league.

### Men's lacrosse regains footing

The men's lacrosse squad showed vast improvement,

upping their record to 6-7 from last year's dismal 1-11. Key players included attackmen Mike Foley '87 and Tom Dorf '88 and goaltender Mike Gaidis '88; Foley was the leading scorer with 39 points (24 goals, 15 assists), followed by Dorf with 36 (21 goals, 15 assists).

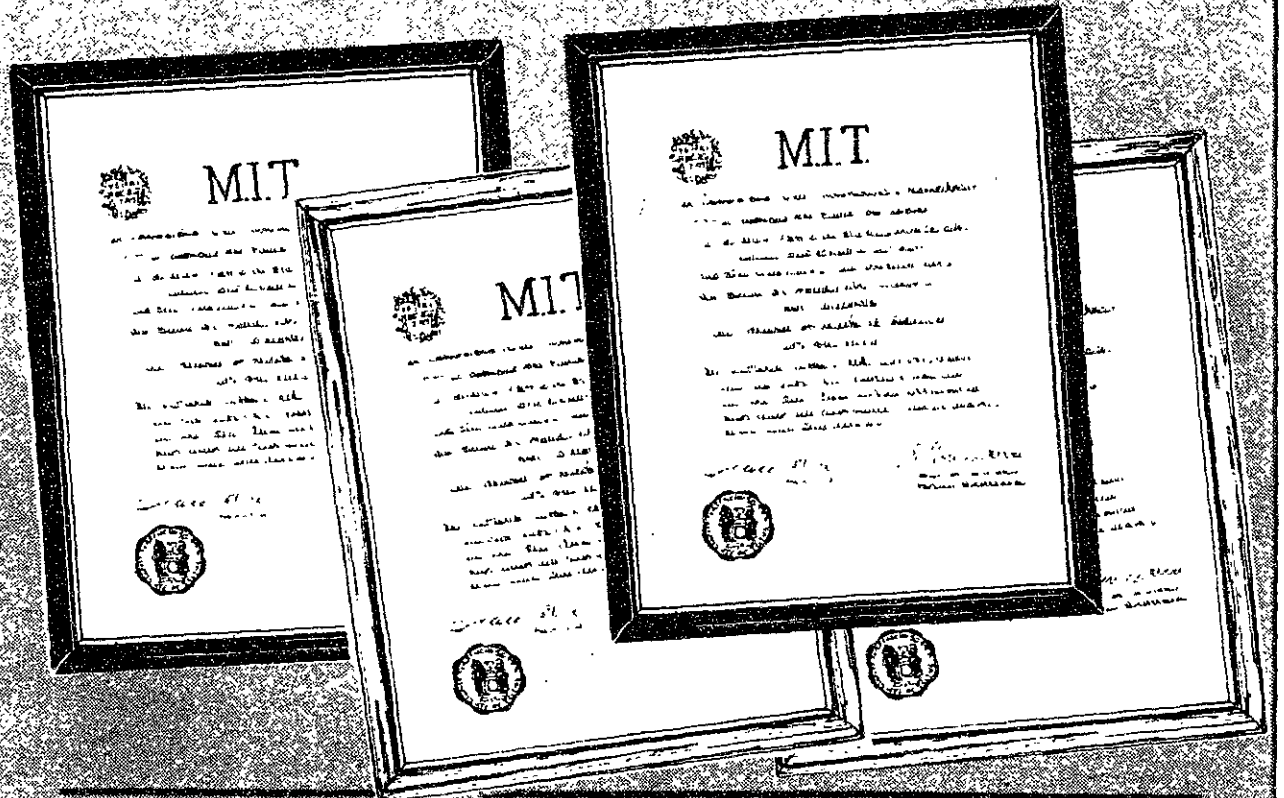
The varsity beat the alumni 7-6 in the annual alumni game. Co-captain and defenseman Jim Masucci '86 received the Ben Martin Award, given annually to a member of the lacrosse team for dedication, determination and spirit.



Photo courtesy Ken Cerino/MIT Sports Information Office

Sailing coach Hatch Brown and captain Louise Sedlacek '87 received honors after a successful season. Brown was recently inducted into the Boston University Sports Hall of Fame. A 1959 graduate of BU, he was the national collegiate sailing champion his senior year and three times captain of the sailing team. Sedlacek is the first woman captain of MIT's varsity sailing team in its 50-year history, and was also chosen Most Valuable Player this season.

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