



Tech photo by H. Todd Fujinaka

Students from MIT, Harvard, Tufts, and Boston University cross Massachusetts Avenue in a rally protesting Apartheid.

## Variations result in overcrowding

By Katie Schwarz

Third in a series on issues affecting housing and class size.

This year's larger-than-intended class size resulted from unpredictable variations both in the summer withdrawal rate and in the response of students admitted from the waiting list, according to Director of Admissions Michael C. Behnke.

The Admissions Office decides each year how it will meet the class size target set by the Academic Council. The Institute offers admission to students based on a "yield" of admitted applicants who enroll at MIT.

The Admissions Office controls the number of offers of admission extended. But it can control neither how many of those offers are accepted nor how many students withdraw during the summer.

Approximately 1800 applicants are admitted each March. The yield from this group "doesn't vary tremendously from year to year," Behnke said.

Retired Senior Associate Director of Admissions Julia C. McLellan said reducing the in-

coming class size is the only solution to current overcrowding in the dormitory system. The Admissions Office must be "very careful" not to exceed the targeted class size, she said.

The projected size of next year's class must be determined soon, she added. Applications for MIT's "early action" program will be evaluated in the next few months and the Admissions Office must know approximately how many students to accept under the program.

### Target to be treated as ceiling

President Paul E. Gray '54 has directed the Admissions Office not to exceed the targeted size of next year's incoming class. The Academic Council will establish a projection for the size of Class of 1990 in November.

Gray feels the large size of the past four incoming classes "strained his credibility" because it conflicts with his stated intention to keep dormitory crowding at an acceptable level, Behnke said.

The Admissions Office will aim for a slightly smaller class than

the official target next spring to make sure the class is not too large, Behnke said.

The Institute can accept a smaller class without harming itself financially because tuition is a relatively small part of MIT's income and because the past four entering classes have exceeded their targets, Behnke said. The budget is "driven by the overall number of students on campus," he explained.

Tuition and other related income made up only 14 percent of MIT's revenues in 1984, according to the MIT Treasurer's Office. (Please turn to page 12)

## MIT committee to sponsor lectures

By Harold A. Stern

Dean for Student Affairs Shirley M. McBay recently announced the formation of an Institute Colloquium Committee under the auspices of the Provost's Office.

The committee intends to "establish a permanent framework for the presentation of major lectures at MIT," according to committee chairman Frank E. Morgan '74, associate professor of mathematics. These lectures will present to the MIT community the opportunity to address "some of the major issues of our time."

The goals of the committee are four-fold, said committee member Ben Stanger '88. The committee hopes to "arouse MIT-wide interest in intellectual, social and political matters of importance; foster collegiate spirit among students, faculty, and staff; strengthen living groups and consolidate existing programs to a simple, large, reliable, regularly-scheduled event."

One of the key features of the committee-sponsored lectures will be the housing and dining of guest speakers and panels in student living groups, Morgan said. This feature distinguishes the lectures from those programs sponsored by the Lecture Series Committee (LSC) and other organizations, he said.

"Other, smaller groups do these things well," he explained,

## Students march in Cambridge, Boston

By Anu Vedantham

Demonstrators chanted "Death to Apartheid/Burn it to the ground" along Massachusetts Avenue last Thursday as approximately 100 students from MIT, Boston University (BU), Harvard University and Tufts University marched from the Cambridge Common to the BU Chapel.

A crowd of about 75 gathered on the Cambridge Common at 4:30 pm and started the three-mile trek to BU carrying picket signs, huge blanket posters and loudspeakers. The protesters chanted slogans and distributed literature to the public.

The demonstrators' slogans addressed all aspects of apartheid, from "Harvard, Tufts, MIT/Out of South Africa," to "Embargo South Africa/Not Nicaragua" to "Down with racist Reagan/Defender of Apartheid." Chants also included "GM, Ford, IBM/Out of South Africa" and "No draft, no war/US out of El Salvador."

The march stopped at the Julius A. Stratton '23 Student Center steps for a 15-minute rally.

"Here at MIT, the number of black freshmen this fall is roughly 40, a 50 percent drop in six years," said Arnold Contreras, a member of *The Student*. "For those black students in college, the number receiving financial aid has dropped 34 percent."

"Neither the sanctions in Reagan's executive order nor the Democrats' cosmetic alternative calls for black voting rights, neither calls for black majority rule, neither calls for equal wages for blacks and neither calls for the return of the gold, diamonds, silver, titanium, factories and fertile land to their rightful owners: the

black toilers of South Africa," he said.

Contreras commented on a "Bush 1988" sign displayed in the window of the offices of *The Tech*: "I think that the nerve of them to display a Bush sign in their window exposes their own subtle support for the racist policies of South Africa."

"The display of the political sign in the window of *The Tech* was inexcusable," said Thomas T. Huang '86, editor in chief of *The Tech*. "I have made sure the people involved understand this in no uncertain terms. Speaking for the editorial board of *The Tech*, I would like to assure the MIT community that the display of the sign was an irresponsible act that should not be construed as an editorial position."

Contreras later estimated MIT's investment in companies with holdings in South Africa at \$100 to \$150 million based on an MIT Treasurer's Report. "Our newspaper, *The Student*, throws its heart and soul into the fight against US imperialism and racism, and we call for building the revolutionary student movement."

A member of the Marxist-Leninist Party spoke at the rally, saying, "Capitalism breeds racism. The whole system has to be redone before racism can be rooted out."

### MIT professor speaks at BU rally

The march continued to the BU chapel where it attracted over 300 students. A series of speeches on racism in South Africa and Boston honored South African resistance leader Steven Biko.

Biko, founder of the South African African National Congress (ANC), was shot in 1976. (Please turn to page 13)

## UASO offers support for all MIT undergrads

By Anjali Arora

### Feature

"Where is my class? How do I change my recitation? When is my meal contract card due?" Answers to these and other questions that plague freshmen and upperclassmen can be found in the Undergraduate Academic Support Office (UASO), a section of the Office of the Dean for Student Affairs (ODSA).

The UASO is designed to "make life easier for students," according to Peggy Richardson, executive officer in the UASO. The office initially acted as a center for freshman advising.

In the past five or six years, however, the UASO has grown to encompass advising for undesignated sophomores. It has also

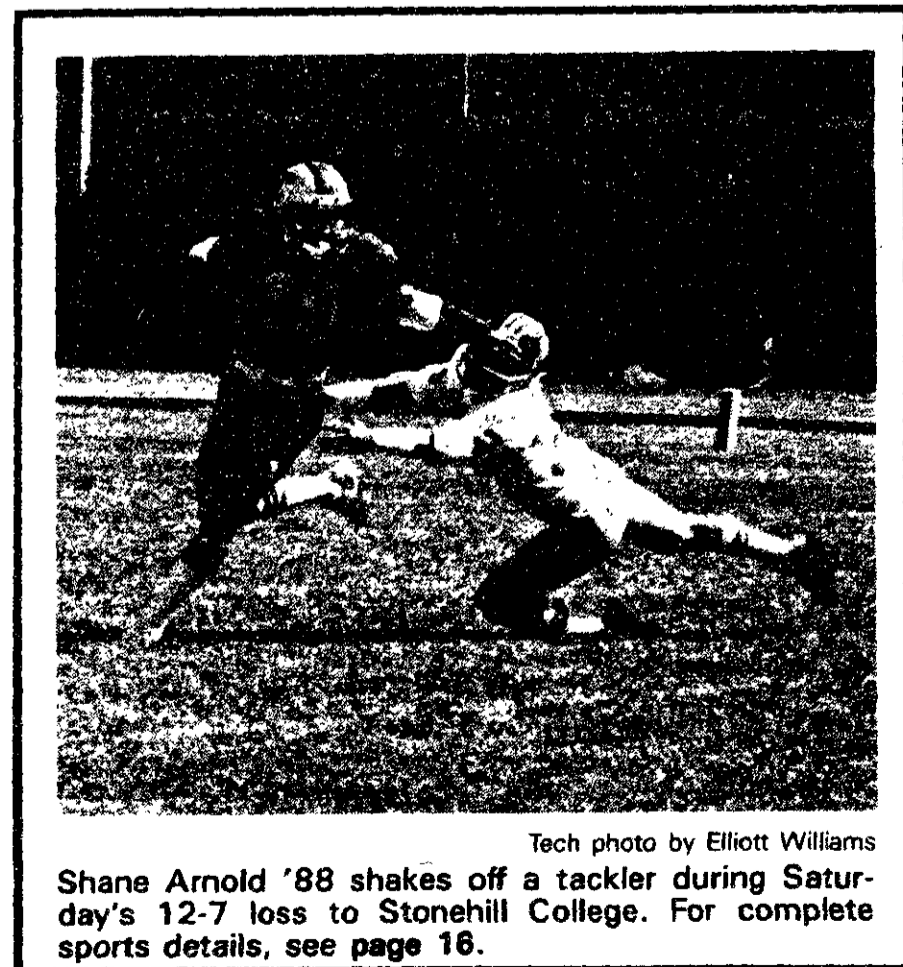
absorbed six other offices, including the Independent Activities Period (IAP) Office, the MIT/Wellesley Exchange Office and the Academic Information Center.

In addition, the UASO provides staff support to the Committee on Academic Performance (CAP). The committee receives academic evaluations of all undergraduates, according to Stephen M. Patterson, staff assistant to the CAP.

The CAP issues academic warnings to some students and requests that other students withdraw from the Institute based on information provided by the reports.

The UASO also performs several tasks that academic depart-

(Please turn to page 11)



Tech photo by Elliott Williams

Shane Arnold '88 shakes off a tackler during Saturday's 12-7 loss to Stonehill College. For complete sports details, see page 16.

# Part two: an Italian, an Isuzu, and an interstate

By Corrado Giambalvo

## Feature

(If I remember correctly, we were last in Buffalo. . .)

### STAGE 2: Buffalo, NY, to Chicago, IL

From Buffalo I decided to cross over to the Canadian side and go to Detroit via Route 3, a picturesque and extremely flat two-lane highway. It was here that I saw some of the smallest urban conglomerations. With the shores of lake Erie on my left, I comfortably cruised at 75 mph, hoping the local police was not patrolling this desolate country road.

I arrived at the border of the automotive capital of America. After a poor excuse for a pre-ruminated, synthetic chicken sandwich I continued my journey on route 12. By riding on the smaller highways I figured I would avoid the mastodontic 18 wheelers and the keen highway patrolmen. The former were especially scary since when I tried to overtake them, first I would get sucked in by the posterior turbulence, and after countering this force by shifting my body weight in the opposite direction, I was further pushed towards the divider by the air gusts jutting from the sides of the truck. Many a time I thought that it was going to be the last truck I would pass.

Route 12 took me to Chicago, passing through Indiana first. The site of the gargantuan steel mills was breathtaking. There were no people to be seen.

I observed that other cyclists were not wearing safety helmets in Indiana. After 540 miles of hard riding I was craving for the feel of cool air on my steaming face. But I quickly put it back on due the foul taste of the industrial waste.

In Chicago I stayed with Andrea Ghez, a fraternity sister from Number Six. She lives very close to the University of Chicago, in Hyde Park, a residential area very similar to Cambridge: intellectual, ethnic but most of all very lively.

After a much needed rest, the next day Andrea and I set out for Chicago Downtown. On top of the Sears Tower, the tallest building of the world (the tallest structure is actually Toronto's CN tower at a whopping 1370 ft not including antenna) we looked at the array of stunning architecture. I remembered all the slides I had seen in 4.605 (History and Theory of Architecture) and was reassured that the buildings really did exist. The day was clear and we could see as far as the horizon on Lake Michigan.

Without warning, a vicious dust storm developed. I then understood why they call Chicago the Windy City. Suddenly, a perilous gust attacked a distinguished-looking lady. Her glasses, blown away from her nose, were crushed by a rushing car, driven by an equally panicked driver.

### STAGE 3: Chicago, IL to Lawrence, KS

The next day, after saying goodbye to my wonderful hosts, once again, I hopped on my faithful machine. Surprisingly enough the bike had given me no trouble at all. I had been ex-

tremely careful to lubricate the chain after every stage of my trip, to change the oil as frequently as needed and generally to ensure that everything was running smoothly.

### Missouri was rolling.

In Lawrence, I stayed with Norayan Sastry, my roommate's brother, a student at the University of Kansas. This was going to be the last place where I had a friend who could put me up for the night. Up until now my hosts had treated me with uncommon care and generosity. From now my only friends were going to be at Best Western, purchasable for cold green cash. . .

I spent one day windsurfing on a lake near Lawrence. Norayan and I were the only two human beings short of some men in leather boots, 501 Blues and bare torsos running around in Broncos, blasting Bruce on the stereo.

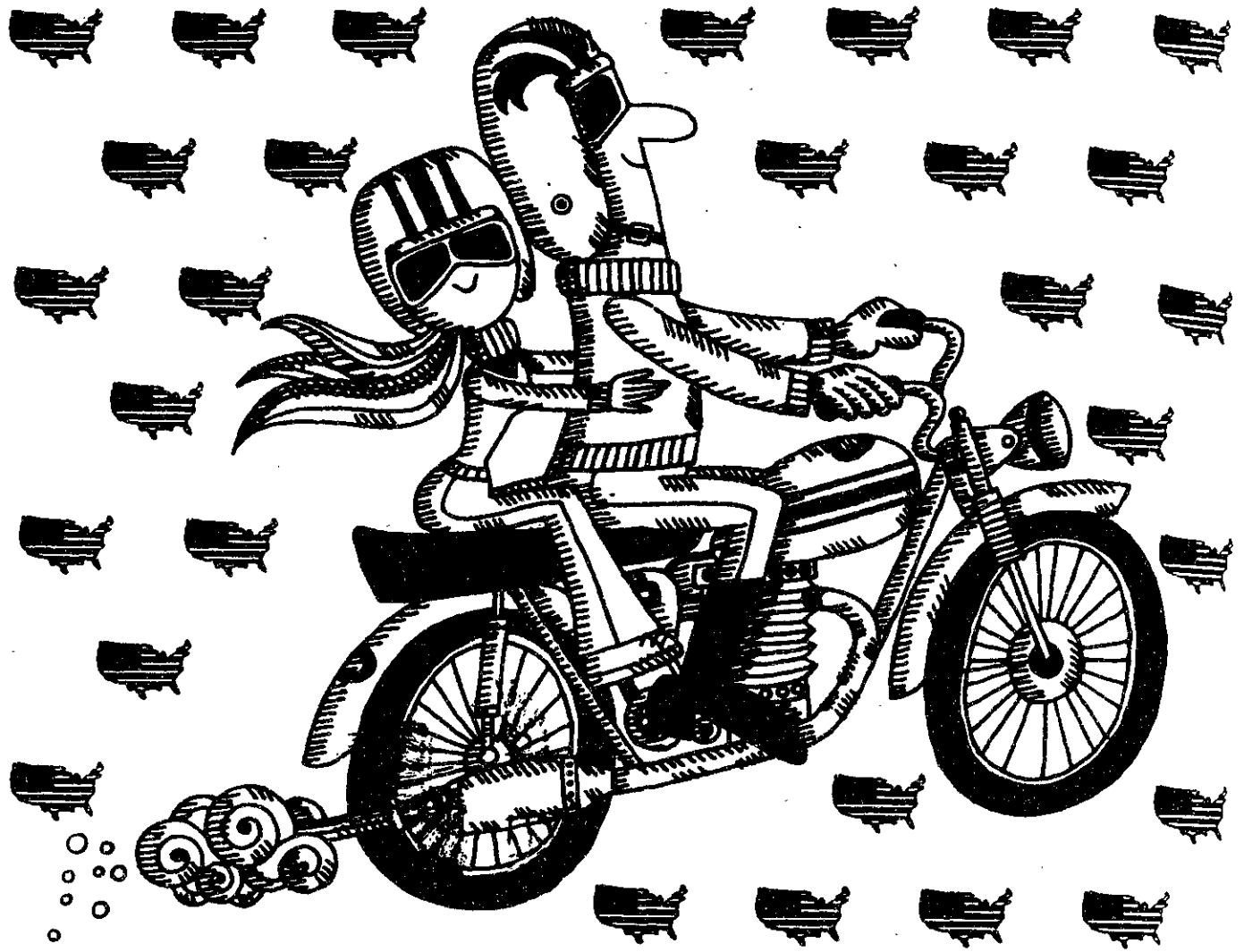
I had now been on the road for six days; exactly half way through my trip. If I was going to be in Los Angeles within ten days, I needed to go along at a faster rate.

### STAGE 4: Lawrence, KS to Boulder, CO

I left Lawrence at 4 am on the 7th day of my trip. Prepared for the worst, I headed toward Mork and Mindy's home town. I was intrigued by all the rumors I had heard: fresh air, dusty drugs, permissive customs, foreign cars, in an atmosphere of yuppie wealth.

I arrived in Boulder 11½ hours and 620 miles later averaging the speed limit which wasn't bad considering I had to stop every 110 miles for gas, (and every two hours or so to regain circulation in my buttocks.)

The city was stiflingly hot. I was sweating like a pig immersed in a cauldron of smoldering excrement. I knew that there wasn't a chapter of my fraternity so I begged for hospitality at another (I won't mention the name) frat house. But I was turned away. I guess my headband, the army jacket and the ragged overalls created an image somewhere between a wimpy Rambo and an even wimpier Terminator after he was run over by the 18 wheeler



that exploded. Not surprisingly, the sophisticated house-spokesman turned me down.

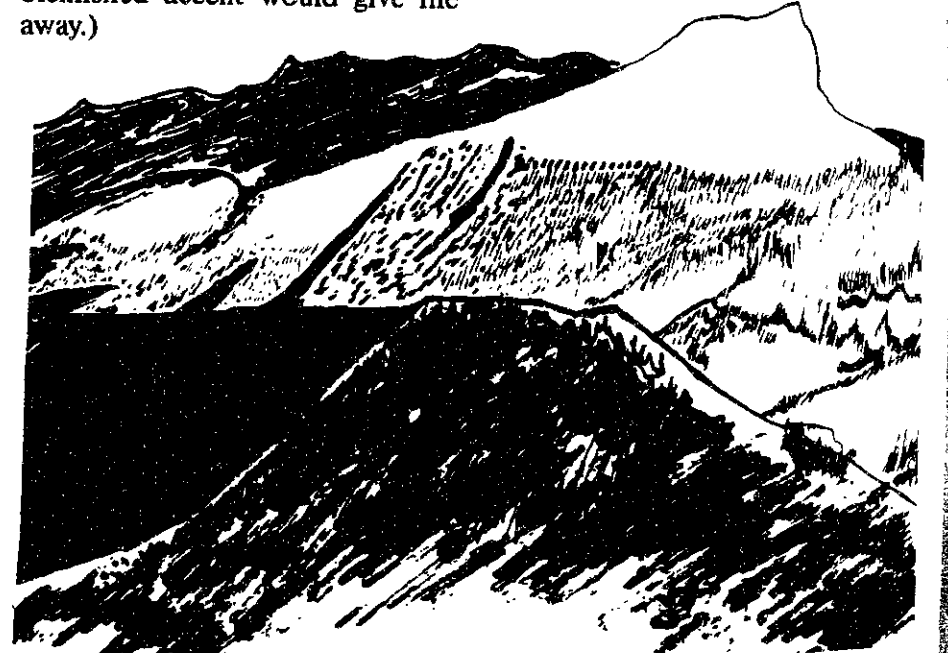
I looked for something a little more in line with my appearance. At this other (nameless) fraternity, they welcomed me with open arms. As I browsed amongst the upturned furniture, graffitied walls, and the copious trash I couldn't stop laughing. To save a few dollars I was actually going to degrade myself by staying in a living establishment that looked like the Animal House Fraternity run through a Cuisine Art.

Temporarily I left my backpack under a couch and started walking around Boulder looking for an alternative accommodation. As I was on the phone with my father, to reassure him of my

well-being a car with Massachusetts license plates sped by. I hurriedly said bye and started chasing the car down the street. After several hundreds of yards the car finally stopped at a red light. I ran up to the window, and with a look of desperation I said: "So you are from Massachusetts? So am I." (knowing full well that my blemished accent would give me away.)

she could keep all of my vital belongings for safety if she'd be so nice as to offer me a place to stay.

I guess she felt somewhat sorry for me. She opened the door and took me to her house. Maybe the fact that I lived close to the place she was born (Mt. Auburn Hospital) was a common factor for mutual trust.



"Yes," replied the driver, retracting away from me. Before the light turned green I had to convince her that I wasn't a psychotic killer and that I needed a place to stay. Thrusting my passport, wallet and motorcycle keys in her hand I told her that

We went by the garbage-dump frat to collect my stuff and then I followed her home on the bike. I met her roommates, her somewhat bewildered boyfriend and then we all went out for pizza and beer. (Read Friday's issue for the chilling climax. . .)



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# news roundup

## World

**Soviet Union expels 25 Britons** — The Soviet Union ordered 25 British diplomats, correspondents and businessmen to leave the USSR Saturday in retaliation for Britain's expulsion of 25 Russians on Sept. 12. *Tass* cited the Britons' engagement in "impermissible activities" as the reason for their expulsion. Moscow's reaction differed from previous responses to similar situations in that an unusually large number of Britons were expelled.

**UN to host 95 national leaders** — Prominent world leaders, including King Juan Carlos of Spain, Prime Minister Zhao Ziyang of China and President Samora M. Machel of Mozambique, plan to attend gala festivities in celebration of the United Nation's 40th birthday in late October. The heads of state expect to discuss South Africa and Central America as well as other world issues.

**US-New Zealand nuclear policy talks scheduled** — Defense Secretary Casper Weinberger and Secretary of State George Schultz '49 will meet with New Zealand's Deputy Prime Minister, Geoffrey Palmer, on Thursday and Friday in Washington, DC. The three will attempt to resolve the rift regarding nuclear policy that exists between the two nations. The split began last winter after New Zealand barred a US destroyer from entering a port when, following standard American policy, the US refused to reveal whether or not the ship was carrying nuclear weapons.

## Nation

**Successful SDI tests lead to more experiments** — The Pentagon will continue testing an anti-satellite weapon against a target in space despite protests by the Soviet Union. The Air Force destroyed a six-year-old US satellite Friday with an anti-satellite device carrying a nonexplosive warhead.

**EPA official announces survey to detect radon gas** — Federal Environmental Protection Agency official Richard Guimond reported that a survey would be conducted to locate and determine the hazards of radon gas. Findings of radon levels more than 100 times greater than the safety standard in mines triggered the investigation. The survey will result in recommendations to state governments about the colorless, odorless and carcinogenic gas.

**New artificial heart designed to eliminate strokes** — Blood clots formed in the small crevices where pieces of the Jarvik-7 artificial heart were connected to human tissue have caused strokes in four human recipients of artificial hearts. Dr. Don B. Olson and his team at the University of Utah will begin testing a new design, intended to solve the stroke problem, next month. Dr. Olson believes that if tests are successful, "it would be a very short time" before the improved design would be implemented in artificial hearts for humans.

**Vatican II's impact on American churches praised** — America's Catholic bishops cited the Second Vatican Council as "the best, necessary foundation for Catholic renewal" in a report released yesterday. Bishop James W. Malone said in the report that problems facing the church in America "would have done more harm to Catholic life than they have, were it not for the council and post-conciliar renewal." Bishop Malone is one of the 101 bishops chosen so far to attend an extraordinary synod called by the Pope. Officials at the synod will discuss the state of the Catholic Church since Vatican II ended in December, 1965.

## Local

**Three women wanted in Boston slaying** — Donald Gillyourd died Saturday at his apartment after being stabbed several times by his roommate's girlfriend and her sisters. The attack resulted from an argument between the victim and the women.

## Sports

**Giants defeated by Packers** — The Packers defeated the Giants, 23-20, Sunday. Green Bay managed to expose errors that, through six preseason victories, had not appeared in the Giants' game.

## Weather

Early morning fog should clear up bringing sunshine in the afternoon. Today's high should reach into the 70s. Wednesday's weather is expected to be clear and warm with highs in the upper 70s.

Dorit Brenner  
Anh Thu Vo



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# opinion

Guest Column/Adam Kao

## Coop will have to earn its business

The letter seemed innocent enough: It was short and to the point, and perfectly reasonable. It made sense to have a cooperative store in an area with so many college students.

Collectively, those students would have quite a bit of buying power, and a cooperative store would be able to get all kinds of volume discounts and stuff. The profits could be passed on down to all the members.

Look here, last year members got back almost ten percent of the money they spent!

Yeah, it sounded like a pretty good deal. So I, way out there in California, decided to plunk down my buck and become a member.

Now I come out here to Boston. And I find that, lo, things are not as they seem. The Coop is the only store in the Student Center, and in fact seems to be the only store within a half-mile radius around the Student Center. In our high school economics class, this was called a local monopoly.

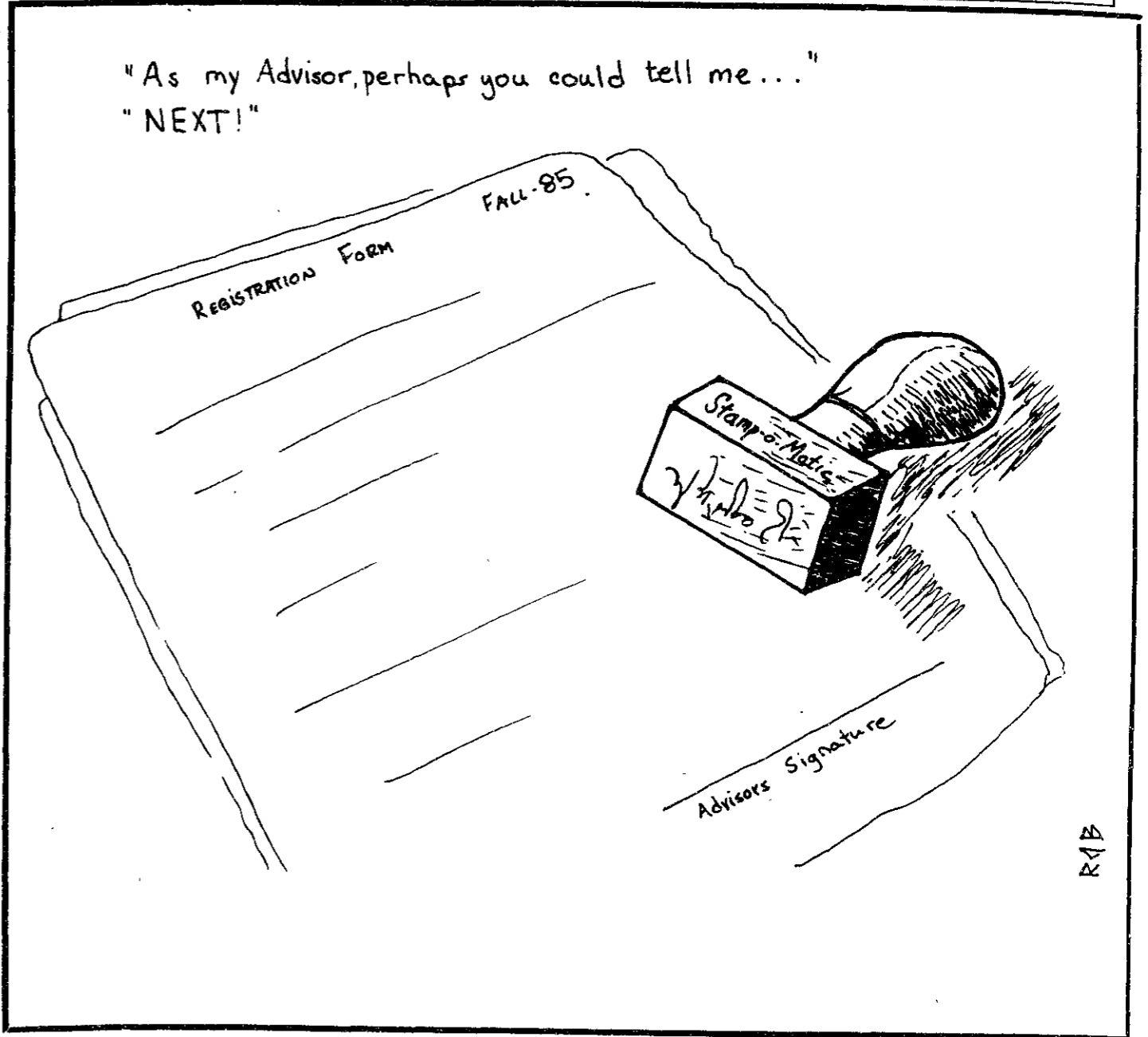
What a local monopoly means is lack of competition; a lack of competition usually means higher prices. Ten percent higher? Eleven? Fifteen? Who knows? I'll tell you what I know. I know that, even with the ten percent dis-

count, the Coop costs more. Sure, it's convenient, but I pay for that convenience: And I don't want to.

Where does that extra money go? Higher wages for Coop employees? Higher rent for its choice location? I don't know. I don't care. I'm just not going to do much shopping at the Coop. I'll shop in Harvard Square, on Washington Street, or anywhere I can get a better deal.

I'll bet there are other people who feel the same way. I'll bet there are people, already smarting from the pound of flesh the Institute has taken, who aren't too keen on losing a few more ounces, who are probably really counting the pennies now. I wonder if they are a significant percentage of the student body. Collectively those students would have quite a bit of buying power.

They tell me The Coop is moving. I say I'm glad. Maybe after it moves it will face greater competition, or pay lower rent, or whatever, and charge less. Maybe it will buy and sell used textbooks at reasonable prices. Maybe it can expand and carry a wider variety of goods. Maybe then I'll buy stuff from The Coop. The Coop got my first buck free, but it's going to have to earn the rest.



Column/Anonymous

## On coming out at MIT

*This column is about being gay at MIT. Read it. It doesn't matter what your own sexual orientation is, nor your opinion about gays in general. I have written this to try to help some of the more confused people in the MIT community, and also because I've been with The Tech for a long time, and always have wanted to write a column. Because this isn't a perfect world (yet), I've not signed my name to this column. I have enough worries with my classes, UROP, and life in general without having to deal with prank calls on my answering machine.*

\* \* \* \*

So you're here at MIT. You're a freshman, an upperclassman, or even a graduate student. You've settled into the term's activities, and you're beginning to think about your social life. And, although it may be hard for you to deal with, you're gay. You may keep it deep inside — you may try to hide it underneath cloaks of heterosexuality, such as ROTC, a fraternity, maybe a varsity sport.

Pretending to be straight can actually be very easy at MIT. At MIT, the pressures to get a date, go out steadily with one other person, and have sex are reduced because everyone is so busy with classes, activities, and projects. After a while, though, it begins to explode inside of you. You want to be able to meet people who are gay, have gay friends, and enjoy the companionship of gay people.

I knew I was gay since eighth grade, but it took me until November of my freshman year to finally do something about it. People often ask how I "knew" I was gay — most people tend to believe homosexuality stems from a conscious decision made at a point in life. I never had a chance to make the decision. As long as I can remember, my sexual feelings were directed towards men instead of women.

During high school, I kept these feelings hidden. Once I came to MIT, though, it was different. I started dating a girl, and realized, for the umpteenth time, that women just didn't turn me

on. So I finally called the GAMIT contact line.

For a lot of people first coming out, the "first step" of actually talking to a gay person about being gay is the hardest part. I got pretty drunk before I had the nerve to call. Many people call and just hang up. Others can't seem to say anything. There are so many things that people are unsure about, and so many questions on their mind that they don't know where to start. So, as a community service, I'll answer some of the most-asked questions:

**Am I gay?** Well, if you've summoned up the nerve to call GAMIT, there must be some question in your mind. No one is 100 percent gay or 100 percent straight. Everyone lies somewhere between the two. Most people seem to be biased toward one side, however, and if you've been having feelings about being gay for a long time, you're probably closer to the gay side.

**What will my friends/parents/living group think if they find out?** In terms of friends, if someone is truly a friend, they shouldn't care. Living groups and parents are sometimes a different matter. Personally, I have been very lucky. I have never had any problems with friends, nor with my living group.

Your parents' reaction depends a lot on their background. I had very few problems with my parents, yet I have a friend whose parents sent him away to a faith-healing "cure center," to remove this "mark of Satan" from him. Since you probably know your parents better than anyone else, you probably have the best idea of how they will react.

**What will ROTC think?** Well, I was in ROTC freshman year, and to be blunt, ROTC sucks when it comes to accepting gays. Although MIT "does not discriminate against individuals on the basis of sexual orientation" (and a host of other things), ROTC does, and will throw out anyone whom it finds gay.

This stands out as another apparent sign that MIT is willing to sacrifice ethics and ideals for money. There were gay people in

ROTC when I was a cadet, there are gay people in ROTC now, and there will continue to be gay people in ROTC in the future: All of them are forced to remain closeted to retain their scholarship.

**What about religion?** I had no formal religious education, and never went to church as a child. There are people in GAMIT from every major religion, and many still practice actively. If you want to talk to someone about dealing with homosexuality from a religious point of view, the GAMIT contact line can put you in contact with someone.

**Love/Sex?** Love and sex is not something to be discussed in the pages of *The Tech*, but it still remains one of the overriding things which bring people out of the closet. I never understood much about love until I came out, when very suddenly I was made aware of what I had been missing.

One thing that often happens to people who come out later in life is that they go through all the typical adolescent love problems, i.e. having a crush on someone, wanting to go steady, etc. This is fine when you are 15 or 16 years old, but when you're 23 and a graduate student, it can be hard to deal with.

\* \* \* \*

**Why did I bother writing this column?** To bring people out. There are always new people at GAMIT. Some freshmen show up the second day of rush week — some people wait until three days before their graduation. There are people who were never out while they were at MIT; they show up after they've been away for a couple years. Waiting does nothing, except make your life more miserable. I've observed this happening for nearly two years now, and people are much happier after they come out. If you think you're gay, if you know, if you're just wondering, feel free to call.

If you want to talk to someone, the GAMIT contact line is available nearly 24 hours a day at 253-5440. Nightline is also a good resource, at 253-7840.

# TheTech

Volume 105, Number 34 Tuesday, September 17, 1985

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# opinion

Guest Column/David Goldstone

## What if MIT's housing guarantee is revoked?

It began merely ten months ago: The name was announced. "David Goldstone," the voice boomed. All my worst nightmares came true — I had lost in the lottery for on-campus housing. I couldn't believe I would have to spend my last year at MIT off-campus.

Now after graduating today, June 9, 1989, I look back, realizing that losing my place on-campus had not been the nightmare I had expected.

I had been worried, to say the least. I was most concerned that I might lose a sense of campus "community." Indeed, I was suffering my fate with only one hundred other seniors. Many more students were forced off-campus in surrounding universities: Boston University, Emerson College, and Simmons College. MIT was only moving out three percent of its undergraduates.

Just as those schools haven't lost their sense of community, neither would MIT, considering the almost negligible change. Nonetheless, that rationalizing didn't allay my fears: I was afraid I would lose my feeling of belonging to MIT.

As it turned out, I retained my feeling of community. The expansion of the Non-Resident Student Association (NRSA) was most instrumental. Previously, the NRSA had been more than adequate for the number of undergraduate Non-Residents (NRs). It had held some parties, fielded a few intramural teams, and provided limited overnight facilities on campus. Yet, with all the new NRs, the NRSA grew tremendously.

The NRSA split into two social factions, east and west of campus. Each section now held parties, either for itself or the entire NRSA. My section, NRSA-W, held the better parties, of course. One of the benefits of becoming a NR, it turned out, was no curfew on these parties.

For some IM sports, East and West sections fielded their own teams. The NRSA also fielded teams with members from both East and West.

All this expansion of the NRSA aided in the preservation of our MIT spirit without us living on campus.

The Office of Off-Campus Housing also expanded. They always had a comprehensive list of available apartments. This list was updated and enlarged.

Furthermore, "The Office," as it came to be known, proved to be quite helpful to us NRs in

terms of negotiation and signing leases, as well as in housing disputes. I myself would have been evicted in November after the infamous Halloween party had The Office not helped me to examine my lease. Through the NRSA I kept my spirit up while The Office helped me keep a roof over my head.

Another initial worry I had about living off-campus concerned the increased cost of living, stemming not only from the high apartment rents but also from the transportation to and from campus. Furthermore, many landlords were hesitant to accept undergraduates for fear of non-payment of rent.

Fortunately, MIT stepped in. The Institute solved all the problems through a program referred to as "grandfathering." The Institute was taking care of us, its fledgling NRs.

MIT paid the rents to the landlords directly. We paid the Institute as though we were living in its most expensive dorm, Next House. MIT simply covered any difference. For the NRs living beyond walking distance from campus, MIT negotiated a deal with the MBTA for a reduced rate T fare. These measures brightened the gloomy picture considerably.

Of course, MIT wasn't grandfathering us out of the kindness of its heart. MIT's own miscalculations had caused it to revoke housing guarantees; the Institute was obligated to aid students left in the cold.

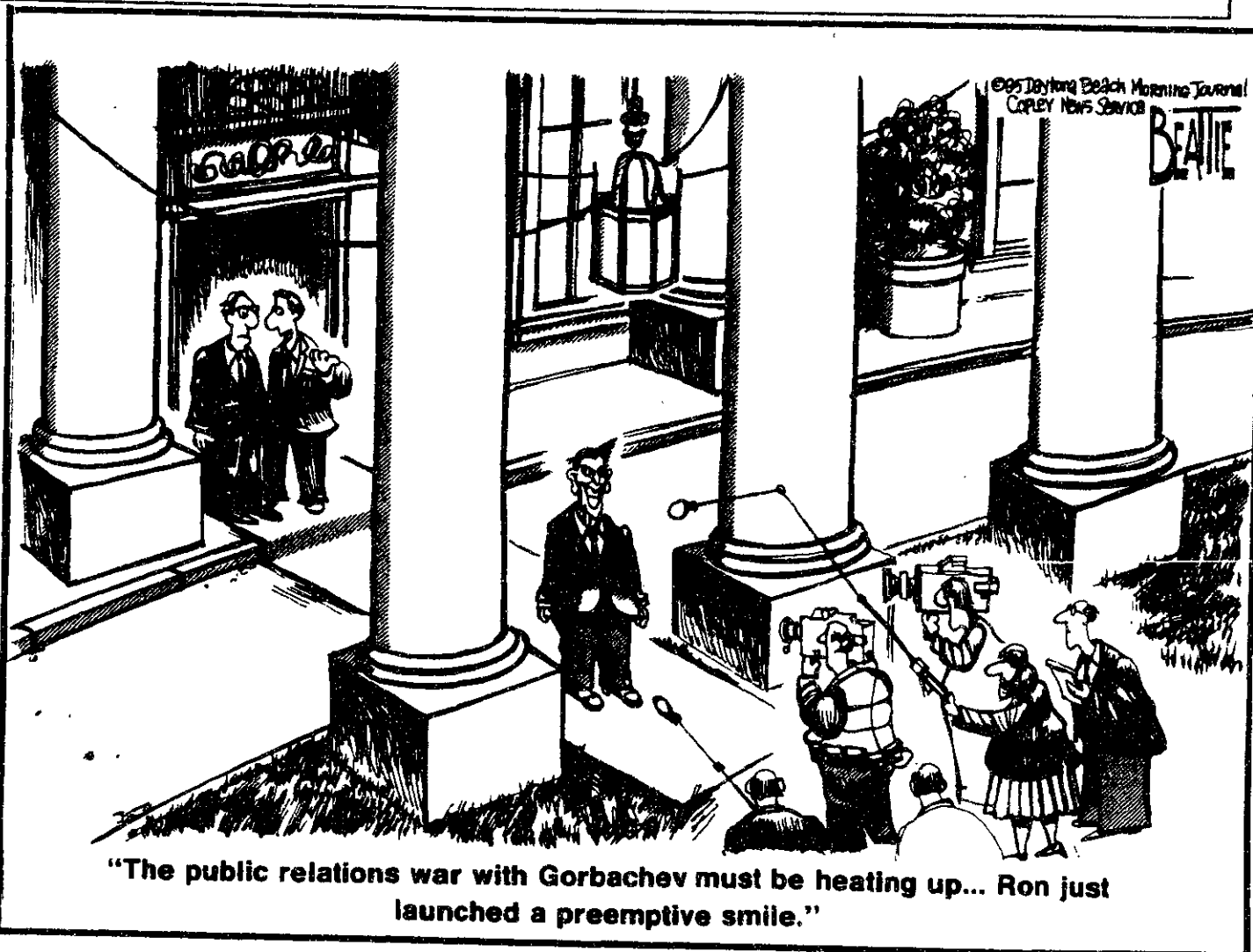
But MIT was not rushing to revoke the guarantees either; it simply was caught in a situation with no other alternatives. It couldn't reduce class size by one hundred. The corresponding two million dollar loss in revenue was too much.

Unfortunately, MIT couldn't increase housing accommodations. There were no plans and no money. The Institute was caught with its pants down — something which should never have happened.

Yet, instead of blushing and trying to cover up mistakes, MIT dealt with the problem logically to make the best of a bad situation. It enlarged the NRSA and the Office for Off-Campus Housing. The Institute also helped with financial problems, stemming from increased rental and transportation costs.

It could have been a nightmare; instead, it was a good experience.

And it began merely ten months ago.



"The public relations war with Gorbachev must be heating up... Ron just launched a preemptive smile."

Guest Column/Lukas Ruecker

## A freshman's first impression of MIT

Dear Mom:

I finally was lucky enough to find a few extra minutes between classes, homework, problem sets, eating junk food, studying and, occasionally, sleeping. So I thought I would give you an updated report on what is going on here at MIT.

The most interesting part of MIT is its students: I cannot remember another occasion when I was confronted with a selection of people as strange and fascinating. All of them (or just about all) take their academics very seriously. It is no surprise to meet half your dorm in the kitchen at 4 am, having the traditional late midnight snack.

They certainly study hard, but they play hard as well. They are the only people I know who would wake up a whole dorm floor after they have finished studying for the night (which usually does not happen before their late midnight snack). Why? Just because a bunch of them feel

like having an ice-cream party!

That may sound like fun, but I somehow object to people lecturing on the importance of ice-cream for a well-balanced diet at 4 am. But I am sure that this sort of thing happens only at the beginning of the semester. Later on even they will have to fight to get their MIT standard amount of three hours of sleep a night.

All of them are obviously brilliant; they seem even more brilliant than I ever was or ever will be. Most of them speak several languages fluently: not German, Latin and Greek as I do, but Pascal, Fortran, and Scheme.

They do not care whether you speak German because it is not important for MIT; they do not care how many computer languages you speak because a real MIT student is expected to have this sort of knowledge; but they do care if you do not know any computer language at all. That is why I, will have a tough time (at least until I can communicate in "MIT-ese").

Mom, please do not get a wrong idea about the MIT community: people here are weird. But they are about the friendliest nerds I have met so far. There are not too many places where you can stop and start a conversation with a complete stranger. But it would not be advisable to do so if the person has a knife or other weapon in his hand, or if the time is anywhere between five of and ten after the hour, as students rush to and from classes.

Maybe it is because most students consider MIT their second home, and are willing to put some effort into making it a nice place to spend the next three or four years; or maybe they are just too special to simply tell you to get lost.

Anyway, my Chipmunk is waiting. I have not even started working on my problem set. I still have not figured out how to use the computer. Boston is nice and cold, the girls are nice and cold, and I need some new sweaters.

Logout.

→ feedback

## Grad housing needs more attention

To the Editor:

In the recent series of articles on dorm crowding and undergraduate housing, many references were made to the lack of affordable off-campus housing in Boston and Cambridge. The Office of the Dean for Student Affairs is very concerned on how overcrowding in the dorms is affecting the quality of life at MIT.

I wish the ODSA would be as concerned about how the lack of affordable off-campus housing affects the lives of graduate students. This is a topic that has been totally ignored. Less than 30 percent of the total graduate school population can be housed on campus. The waiting list to get into married student housing is so long that it takes a year to obtain an apartment in Westgate or Eastgate. There were 400 names in the Tang Hall lottery last May. Only 69 people were lucky enough to get a place. Since Registration Day, 90 people have signed up for the waiting list, and the Housing Office told me it will probably take until next summer for the 90th student

on that list to get into Tang. The demand on Ashdown and Green Hall is just as bad.

Yet, when the Graduate Student Council asked President Gray last spring if MIT would build more graduate housing on campus, they were told that housing is a very low priority on the administration's agenda. In the last couple of years, the off-campus housing situation has deteriorated due to condominium conversion, rapid economic growth and subsequent rent increases on the remaining rental units as demand far exceeded supply. The reasons have been brought up time and time again in the past few weeks. Dean Sherwood acknowledged them in his letter to *The Tech* last week. In view of all this publicity, why has nothing been said about the plight of graduate students who are affected by it even more than the undergraduates, 90 percent of whom are housed on campus, albeit uncomfortably at present?

Clearly, the numbers stated above show that demand for on-campus housing far exceeds supply. Over three times as many

people want on-campus housing as can get in. Yet the administration is unwilling to increase housing, either by building new facilities or by buying existing units in the Cambridge area for subsidized housing.

In all the furor of R/O week, everyone has forgotten that MIT has roughly the same number of graduate students as undergraduates. The reputation of this illustrious institution is based as much on *graduate* as undergraduate education. However, MIT does not seem to want to improve the quality of life for 50 percent of its student population. Dean Sherwood's title is Dean of Residence and Campus Activities. Graduate student residence certainly comes under that mandate.

Isn't it time for the administration to start concerning itself with the plight of graduate students? Maybe, in conjunction with the Graduate Student Council, the Housing Office and the Dean for Student Affairs, an improvement in this deplorable situation can be made.

Carolyn Lee G

→ feedback

## Consider implications of science on society

To the Editor:

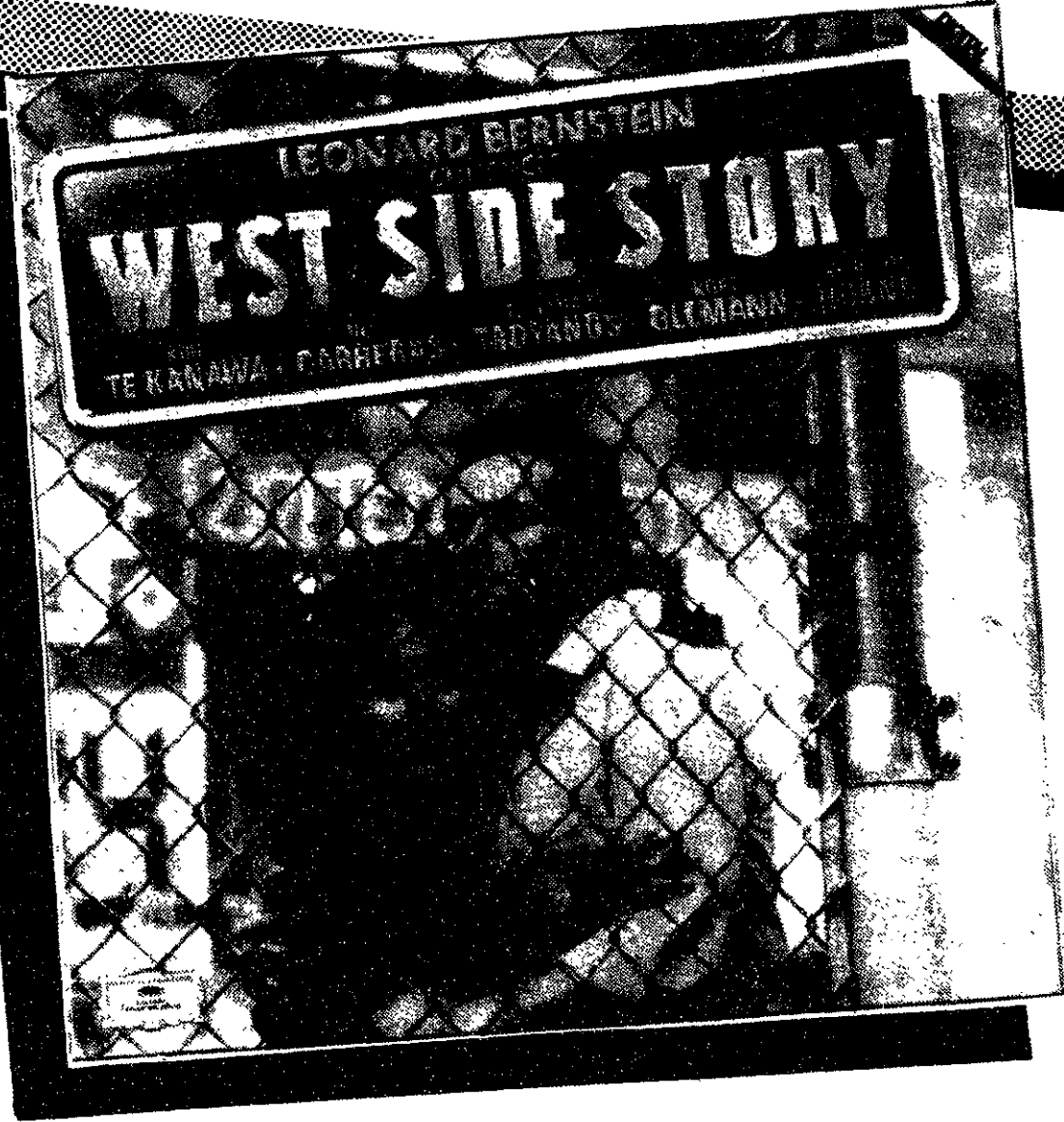
I am writing to rectify an incorrect quotation attributed to me in your convocation story ["Picnic held indoors for first time in 16 years," Sept. 3]. Your reporter ends the story as follows: "Keyser concluded the Convocation by urging the freshmen to solve 'problems because they exist,' not just because they were 'interesting.'"

What I said was that, unlike the aboriginals, whose technological solutions to problems were governed by long-term

goals, a primary one being the nurturing and maintenance of the land on which they lived, our technology had no long-term goals and tended to solve problems simply because they existed or merely because they were interesting. I urged freshmen to consider the implications for society of the technology they were about to acquire and, like the aboriginals, to think about technology in terms of appropriate long-term goals.

Samuel Jay Keyser  
Associate Provost

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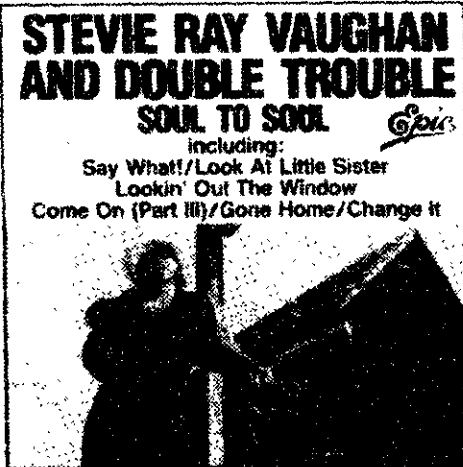
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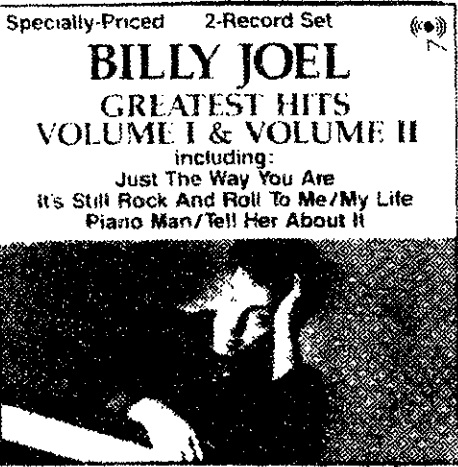
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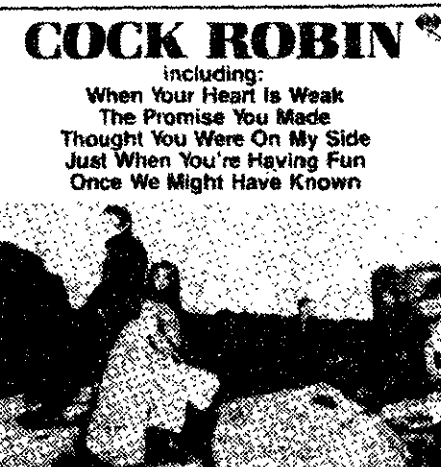
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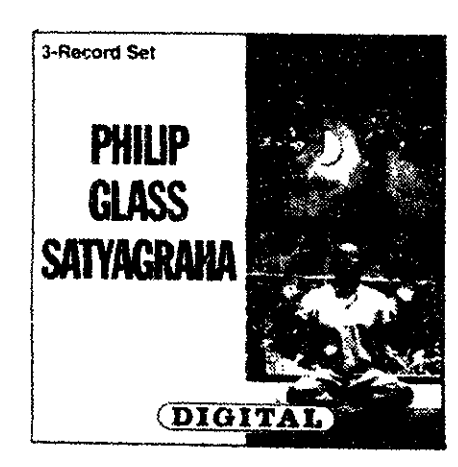
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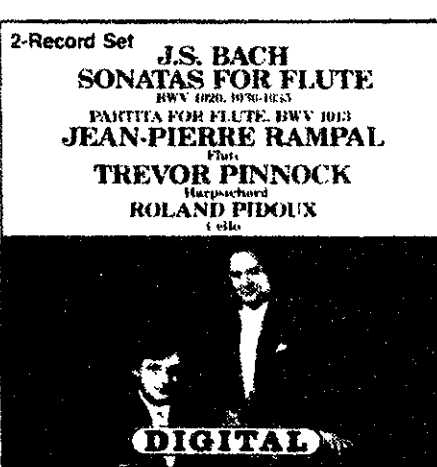
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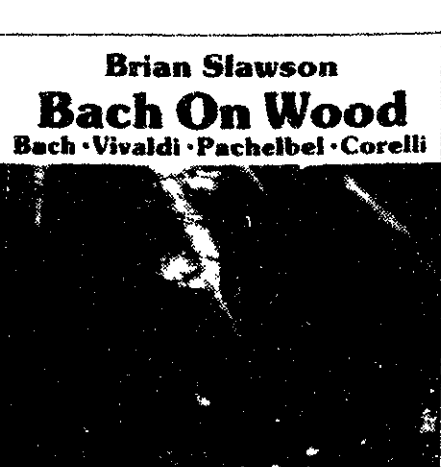
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# opinion

Column/Scott Saleska

## Scientists mount campaign against Star Wars

*Editor's note: Scott Saleska originally wrote the following column as a news story. He is a member of the Disarmament Study Group and was a participant in a lobby against the arms race last spring, and has written opinion pieces on this issue. The Tech's policy does not permit news stories to be written by people actively involved in the subject matter.*

A group of scientists and engineers held a press conference at MIT last Thursday to announce the beginning of a nationwide campaign to oppose the Reagan administration's Strategic Defense Initiative (SDI), often referred to as "Star Wars."

MIT physics professors Phillip Morrison and Vera Kistiakowsky, Cornell University engineering professor Zellman Warhaft, and Sanford Gottlieb, executive director of United Campuses to Prevent Nuclear War (UCAM) conducted the press conference.

The scientists urged their colleagues and students to sign a pledge of refusal to work on SDI.

The pledge calls SDI an "ill-conceived and dangerous" program which will "threaten the character of basic research in this country."

"Accordingly, as working scientists," the statement concludes, "we pledge neither to solicit nor accept SDI support, and we encourage others to join us in this refusal. We hope together to persuade the public and Congress not to support this deeply misguided program."

The campaign began spontaneously earlier this summer at the University of Illinois and Cornell University, according to members of the press conference. Over 80 percent of the physics faculty at the University of Illinois has signed the pledge. "Well over 50 percent" of physical science and engineering researchers (including graduate students) at Cornell have joined the campaign, Warhaft said.

The campaign is now being formally organized at MIT, Caltech, UC-Berkeley, Harvard, Princeton, Columbia, Carnegie-Mellon, and thirty other campuses across the nation, the scientists said.

The pledge will also circulate among undergraduates at MIT because of the UROP program, said physics professor Aron Bernstein, chairman of the faculty Disarmament Study Group at MIT.

The campaign amounts to an

"unprecedented level of dissent," Warhaft claimed. It is "absolutely a watershed" in the history of weapons development.

Officials at the SDI office in the Pentagon, however, downplayed the campaign's significance. Last Friday the *New York Times* quoted Lieut. Col. Lee DeLorme, an SDI office spokesman: "We are presently considering over 2600 applications from individual researchers and universities to participate in the SDI program. Although we respect these individual scientists in their views, we don't expect that it's going to impact on the program."

Morrison compared the SDI pledge to the campaign of March 4, 1969. On that date, many researchers at MIT and throughout the nation engaged in a "research stoppage" to protest what they considered to be the misuse of technology in the arms race and in the Vietnam war.

Instead of researching or going to classes on March 4, many faculty and students participated in a series of discussions and workshops on the responsibility of scientists and engineers.

The anti-SDI campaign discussed last Thursday, however, is unique in that scientists have never before participated in such a widespread boycott against the development of a specific weapons system, the scientists said.

Morrison, explaining why scientists were engaging in such a campaign, paraphrased a statement once made by the chairman of General Motors: "If it's not good for the country, it's not good for GM, it's not good for Harvard, MIT, Cornell — or for anybody else."

"The trouble," Morrison continued, "is very plain. The objective stated [by President Reagan] is an unfeasible objective that will probably never be attained," even allowing for all possible technological developments conceivable in the next 30 years.

President Reagan had stated in a March 1983 speech that the objective of the SDI was to make nuclear weapons "impotent and obsolete."

Morrison did not believe the president's objective could be achieved even if SDI was possible. At most, he said, it might make "inter-continental ballistic missiles obsolete." He explained that this would still leave cruise missiles, bombers, and torpedos as possible delivery systems.

"If it won't work, why are we so worried about it?" Morrison asked rhetorically. The military is

going to spend \$3.2 billion this year, he said: "\$3.2 billion will influence a good many things along the way . . . most of what happens will be highly prejudicial to the national security of this country," he claimed.

Morrison pointed to three treaties which he claimed are already being endangered by the president's program: the Anti-Ballistic Missile (ABM) treaty, the anti-satellite (ASAT) treaty, and the prospects for a comprehensive test ban treaty.

A Star Wars program only one-tenth of one percent effective as a ballistic missile defense would "already be a formidable system" against satellites, he said. He cited the ASAT test conducted last Friday as an example of the immediate negative effects that SDI will cause. SDI is "an inoculation" against the possibilities of peace and will "prevent real motion towards a solution of the problem."

Warhaft agreed, saying that the most important "spill-off" of SDI will be "the end of arms control."

"It is intellectually dishonest to take part in a project that can't work," he said. And no one, he claimed, outside of the people directly associated with the SDI office, believes that it can work. The people at Cornell who have signed the pledge, said Warhaft, "are not peaceniks. These are people who have taken money for other types of defense work. They are cutting themselves off from funding."

Kistiakowsky, citing fears about classification of research and distortion of research priorities, articulated another reason that the scientists were taking this

position. SDI, she said, "is a weapons program." As such, she said "the option to classify is being retained by the [Department of Defense]."

This possibility, according to Kistiakowsky, is in direct conflict with "the free exchange of information," which she called "a basic tenet" of the university. "One only has to look at the tight controls they have in a place like the Soviet Union to see the damage this type of thing can cause."

Another problem is that SDI is a "huge amount of money being put in a small area of research," Kistiakowsky said. At the same time research funds are becoming more scarce in other areas. The two trends taken together lead to a distortion of research priorities by the military, she said.

A reporter asked whether the scientists actually expected to be able to stop the SDI program. Kistiakowsky did not believe so: "No. This sort of research was going on before President Reagan ever said the words 'Strategic Defense Initiative.'" But, she said, "this is a way of 'selling to congress' something quite different from what Inson intended."

Kistiakowsky referred to James Inson, director of the Innovative Science and Technology (IST) office. Inson was quoted last spring in *Science* as saying, "this office is trying to sell something to Congress. If we can say that this fellow at MIT will get money to do such and such research, it's something real to sell."

Inson's comments sparked a petition drive at MIT last Spring, in which 795 signers objected to the "political manipulation" of MIT's name by the SDI office.

Guest Column/David A. Honig

## Follow your own career interests

This column is addressed to the engineers and scientists of 1990. A lot of people want to tell you why you ought to practice your profession. "Science for the people/our country/our economy/our God," and "Science because problems exist, not just because they are interesting," has often been shouted by people who usually are neither scientists or engineers.

Let me suggest a reason to do science. It's the best reason in the world: *for your own gratification.* Your life is your own responsibility; it is your natural right to do what pleases you without harming others: You can't be a "hitman" or a thief.

You are not a slave of the masses, your country or any "problems" that exist. Scientists and engineers receive satisfaction by earning a living working in their fields, and that is why they work. They find enjoyment in solving problems that are interesting to them. Problems would not get solved otherwise.

Some topics are more captivating than others. For your own sake, and for the sake of that area of knowledge, you ought to follow whatever is most attractive. This applies to any career and any other activity into which you may put effort.

Freshmen, you will find that what makes a class hard is not really the amount or difficulty of the work, but rather your disinterest. Motivation is more important than genius. Whenever possible, take the classes you like. Warning: if you devote most of your time to certain fields, it may be difficult to find people willing to pay you to do what you want to do.

I do not advocate playing scientist or engineer for the money, though some do. It is better to work, even doing something undesirable, than not to, but it is

best to work at something which one chooses. Quality of life is not synonymous with wealth, but income is important. Can you be happy without a Porsche? a stereo? a college education for your kids? shoes?

You must weigh all factors going into your choices. I prefer to keep my artistic interests, for example, as a serious hobby, and earn my living doing other things that interest me, too. I make trades in managing my life, beneficial exchanges of values (having a stereo versus the leisure forfeited to earn it), not sacrifices.

If I valued a hobby that much more, I would do that and live differently and would still want to spend some time doing what pays better. Mozart wasn't in it for the money, though he practiced his craft for employers often. If he couldn't have made a living he thought acceptable, he would have had to work on something besides music, and music would have been a hobby.

There are jobs that I could do which would pay more, but I don't want to do them. I want to do something else, something that interests me.

Do not worry that those questions that you find uninteresting will go unanswered. Others find them as utterly fascinating as the questions that enthral you.

If you were assigned to work on uninteresting problems, areas that aroused no curiosity, or at least not enough investigative personal motivation to pursue the matter, do you think that you could perform well? Can you imagine what your life would be like if you were assigned a major by a committee? Your enthusiasm and self-esteem would die.

Perhaps some have not gotten satisfaction out of their lives and think, or would have others think, it a virtue. I think it is to be avoided. Knowledge for know-

President Paul Gray commented on the issue at commencement, saying, "What I find particularly troublesome about the SDI funding is the effort to . . . use MIT and other universities as political instruments in an attempt to obtain implicit institutional endorsement. This university will not be so used. Any participation at MIT in SDI funded research should in no way be understood or used as an institutional endorsement of the SDI program."

When asked whether she was satisfied with the MIT administration's position on SDI, Kistiakowsky responded, "Clearly, I would prefer to see a stronger advocacy role, but given the history and traditions of MIT, I'm satisfied."

Kistiakowsky went on to point out, however, that the "disclaimers by Gray . . . do not do the job. If scientists take the money, it will be construed as support." That, she said, is why we are engaging in this campaign. "If you are not trying to solve a problem, you are part of the problem."

Morrison agreed: "It's just like MIRV fifteen years ago." MIRV stands for Multiple Independent Re-entry Vehicles, and is the system which allows many warheads to be placed on one missile. Many arms control experts now consider it to have been a destabilizing influence on the arms race.

"We warned that it [MIRV] would get us in the very mess we find ourselves in today," Morrison said. "I suppose 'I told you so's get us nowhere — but maybe they will listen to us this time beforehand . . . that is the strength of this initiative.'"

ledge's sake is good, because it is fun to understand, and because it is useful unexpectedly sometimes and may be needed in the future.

But those who explore knowledge (or do anything: build bridges, write, start businesses, act, build irrigation systems or ski) want to live by doing what they like, "just" because they like to do that, not simply because some patch of ignorance remains unerasable.

Normally the limited number of positions and funding available and the methods and materials available to probe a field constrain engineers' and scientists' topics. You try and get an "interesting" job, one in which your interests and those of the company coincide, or you try and do research with someone who has similar fascinations.

If you were, say, a dancer, you would try and get into a troupe that performed your preference of pieces, which would have to appeal to enough people sufficiently to motivate them to trade you their money for your performance.

If you couldn't do this, you would have to earn your living in some other way. People have no obligation to support you; but your integrity will prevent you from selling yourself to whatever is "in" this year. If you demonstrate great skill and energy in your work, someone may pay you to work on your own projects.

Your career is profoundly your own, the product of your labor and thought, and it is you who will suffer or benefit from it. You should do what your reasoned self-interest indicates. When you do, only then is the world gifted with the talents that you exercise for yourself, for your own purposes in answering questions that interest you.

→ feedback

## No anti-rush at Bexley

To the Editor:

Eli Niewood's column ["Bexley antirush policy unfair to MIT students," Sept. 6], disturbed me. I was visiting friends at Bexley Hall during Rush Week, and did not observe "antirush policy" to be a Bexley-wide sentiment. Indeed, one friend declined to leave Bexley to go to a barbecue because he was interested in talking to freshpeople who were visiting Bexley during dinner hours.

It is true that some Bexleyites used their courtyard as a space for creative self-expression during Rush week. The imitation of the East/West German border in the courtyard entrance is one example; the newt-fight is another. However, I personally doubt that these hacks are responsible for Bexley's lack of popularity with freshpeople.

I am more inclined to believe that Bexley's unpopularity is due to the actions of those MIT community members who have had

little or no acquaintance with Bexley but who nevertheless proclaim their unfounded apprehensions regarding Bexley to the thirsty ears of newcomers.

I also must take issue with Mr. Niewood's contention that any particular dorm must be appealing to all MIT's students. MIT should provide alternatives for undergraduates who prefer group living-spaces different from Baker, Burton, or other "popular" dorms, but who for legitimate personal reasons might prefer not to join a fraternity, sorority, or independent living group.

Bexley Hall would be my first choice for dormitory housing were I an undergraduate here. But then, I do not view Bexley in as humorless a way as does Mr. Niewood, who portrays Bexleyites as ogres and ogresses selfishly guarding a castle not rightfully theirs, a characterization which is unjust to most Bexley residents.

Matthew Sachs G

# notices

## Listings

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

### Thursday, Sept. 19

Pulitzer Prize winner **J. Anthony Lukas** will be at the Harvard Coop, Harvard Square from 12:30 to 1:30 pm to sign copies of his new book, *Common Ground*. Lukas, who graduated from Harvard College magna cum laude, Phi Beta Kappa, has been a correspondent for *The*

*New York Times* and a staff writer for *The New York Times Magazine*.

He is the author of three previous books: *The Barnyard Epithet and Other Obscenities: Notes on the Chicago Conspiracy Trial*; *Don't Shoot — We Are Your Children!* and *Nightmare: The Underside of the Nixon Years*. His work has appeared in most major American magazines. Lukas has received the Pulitzer Prize, the George Polk Memorial Award, the Mike Berger Award and the Page One Award. He has been a Nieman, Kennedy and Guggenheim Fellow and has taught at Harvard, Yale, and Boston University.

A seminar entitled **Satellite Television, Signal Encryption, and the Future of Broadband Distribution**, sponsored by the MIT Communications Forum, will be held in the Bartos Theatre in the Wiesner Center for Arts & Media Technology, Building E15-070, 20 Ames Street. The Technology Session is at 2 pm and speakers will be Allen Ecker, Scientific Atlanta and Jerrold Heller, M/A Com Linkabit. The Policy Session is at 4 pm and the speakers will be John Sie, Tele-Communications, Inc., Roy Neel,

Legislative Director for Senator Albert Gore, and Taylor Howard, Chaparral Communications/SPACE/Stanford University. Open to the public.

**John M. Hennessy**, Chairman and Group Chief Executive of Financiere Credit Suisse — First Boston, will speak in the **Sloan School of Management's Distinguished Speakers Series** at 4:30 pm, in Bowen Hall (E51-329). The MIT community is cordially invited to his talk, which is entitled "Internationalization of the Capital Markets."

### Tuesday, Sept. 24

**NICARAGUA UNDER SIEGE — EYEWITNESS REPORT** — Spartacus Youth League Forum. Speakers and discussion. **DEFEND NICARAGUA! CRUSH THE CONTRAS!** 7 pm, Sever Hall, Room 213, Harvard University. For more info call 492-3928.

It is estimated that 500,000 to 1.5 million Americans are affected by Alzheimer's disease, a condition in which one loses intellectual functioning. From 7:30 pm to 9:30 pm, Mount Auburn Hos-

pital will offer a program on **Alzheimer's disease**. Speakers at the program will be Don Lipsitt, MD, chief of psychiatry and a member of the Governor's Commission on Alzheimer's Disease; Linda Buchwald, MD, chief of neurology; and Lisa Hartzell, chief technologist in neurology.

Dr. Lipsitt will review the goals and accomplishments of the commission; Dr. Buchwald will discuss the neurological exam and diagnosis; and Ms. Hartzell will provide information on the EEG (brain wave) testing procedure.

The program will be held in the Hurlwitz auditorium at Mount Auburn Hospital in Cambridge, free of charge. For additional information, please call 492-3500, extension 1508

### Thursday, Sept. 26

A seminar entitled **The Wireless Office**, sponsored by the MIT Communications Forum, will be held from 4 pm to 6 pm in the Bartos Theatre of the Wiesner Building, E15-070, 20 Ames Street. Speakers will be Michael Marcus of the Federal Communications Commission; Payne Freret, Consultant; and Kaveh Pahlavan of Infninet. Open to the public.

### Saturday, Sept. 28

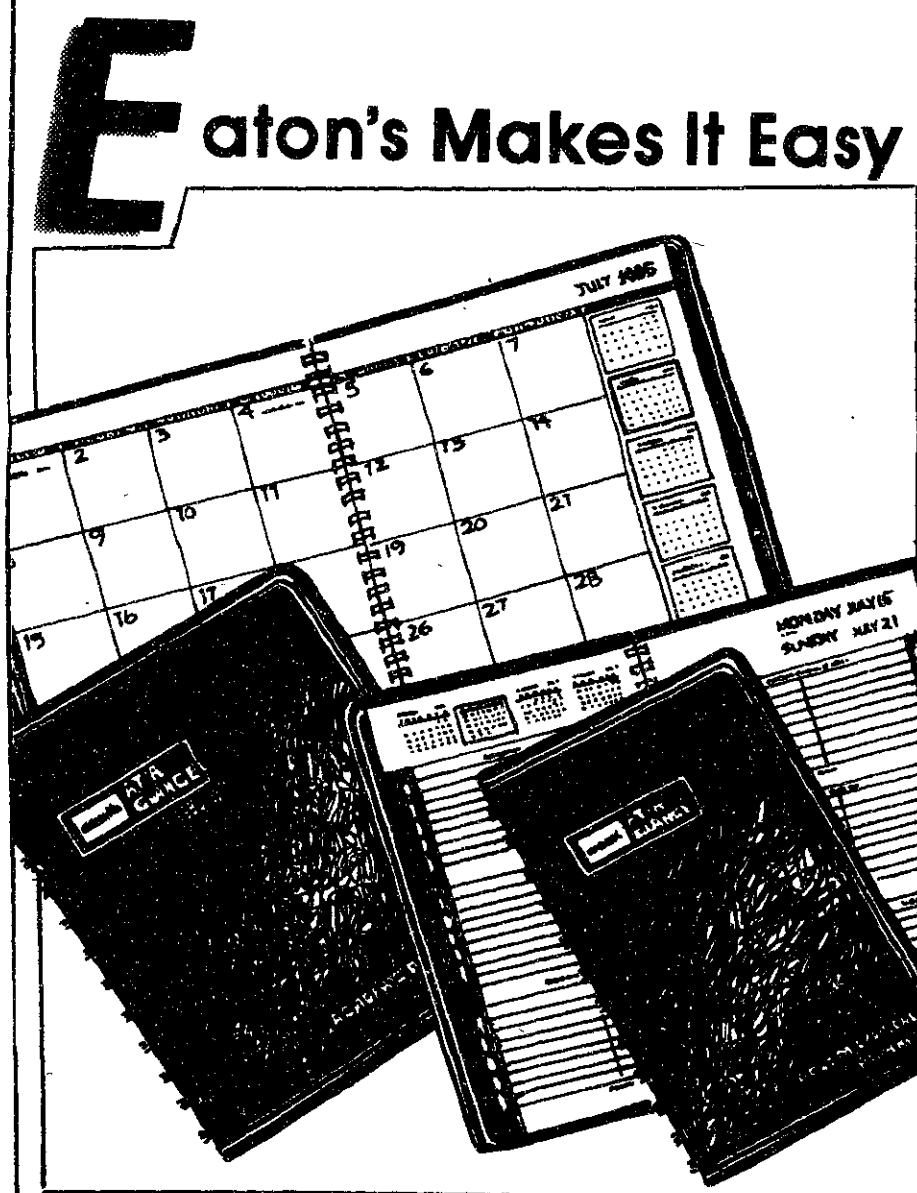
The Kenmore Association, a non-profit organization, is sponsoring their first annual **Kenmore SquareFair**, 10 am to 4 pm, rain or shine. The Beacon Street side of Kenmore Square proper will be closed off to traffic for the day. Over 60 merchants from all over Massachusetts will be in the Square selling everything from antique jewelry and hand-painted jerseys to haircuts and art deco furniture.

There will be free entertainment:

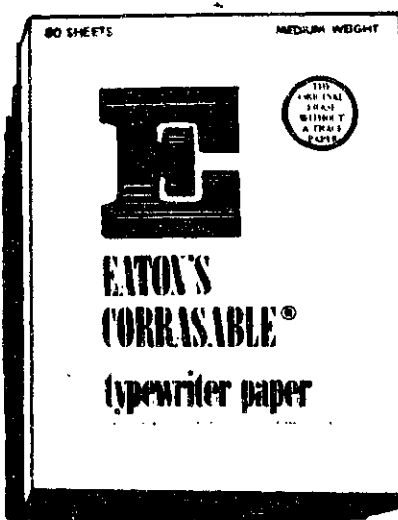
For children, from 10 am to noon, the Fantasyland Players will perform "Beauty and the Beast," magician Peter O'Malley will do his show and WQTV's community representative Curly Q will make an appearance.

From noon to 4 pm, enjoy Victor Mendoza and Company (Latin vibes and percussion), Your Neighborhood Saxophone Quartet, and The Wandells (pop rock).

WBEN will be there, promoting the SquareFair to their listeners, introducing the entertainment.



When time is what you have the least of, choose from an extensive selection of spiral bound "At-A-Glance" Academic and 1986 Appointment books available in daily, weekly or monthly formats.

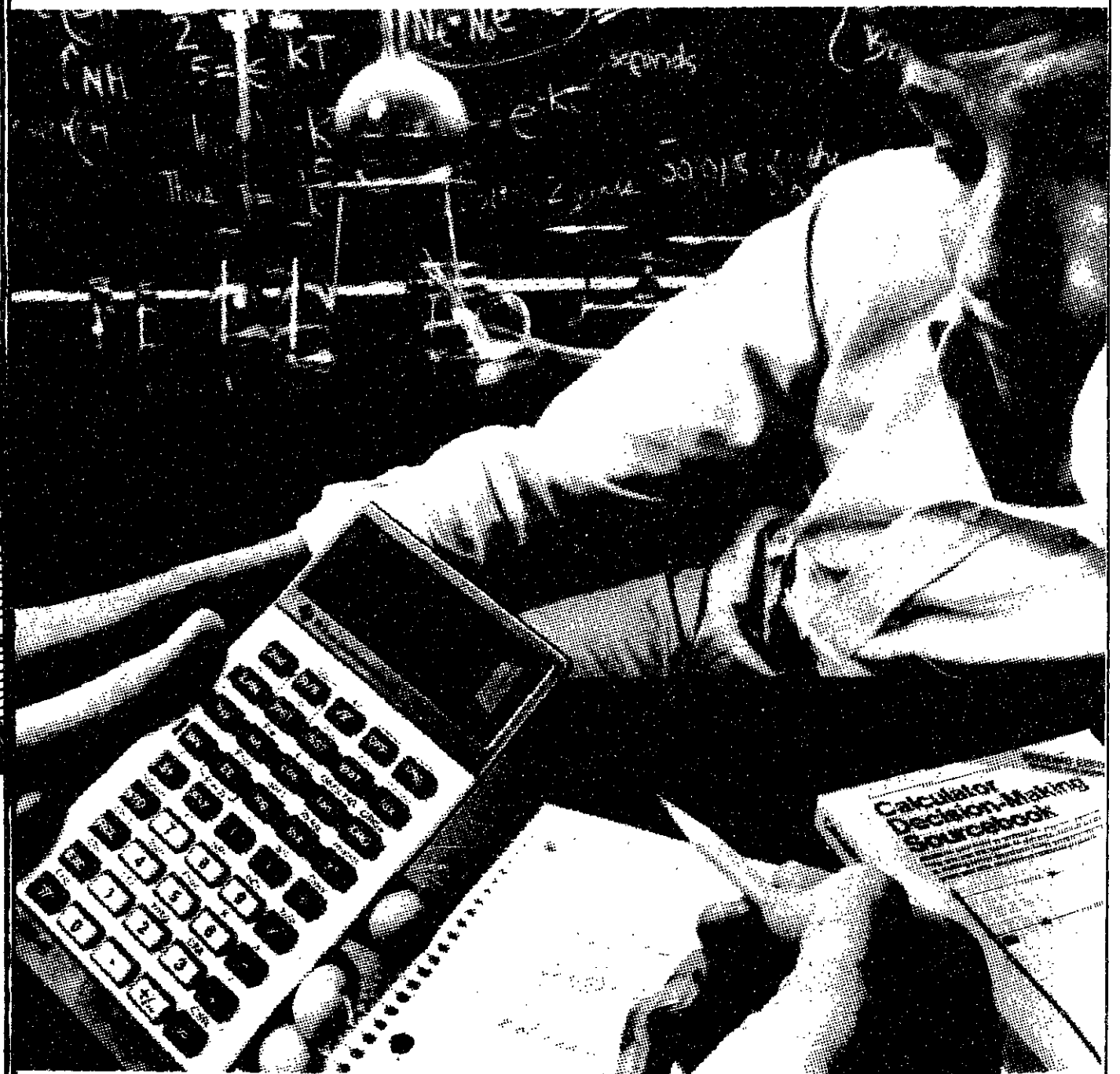


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the TI-55-II even simpler, and shows you how to use all the power of the calculator.

Get to the answers faster. Let a TI-55-II show you how.



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# ARTS ARTS ARTS ARTS

## Lively view of Chinese craft, culture

**China: 7000 Years of Discovery, Boston Museum of Science until Dec. 1, 1985. Admission \$7, \$5 for students, includes museum admission. A pre-recorded tour of the show costs \$2.50 extra.**



Seismograph

in the intricate assemblage of wood, cotton threads and small sections of bamboo holding the threads in place.

The master, one of only a handful still practicing this ancient craft, shuttles the silk at the bottom of the loom. While his assistant pulls the strings at the top, an admiring crowd looks on.

The men breathe life into a symbol of an ancient culture.

The visitor to this exhibit may also witness demonstrations of paper making, wood-block printing, clay figurine making and double-sided embroidery. Double-sided embroidery produces a design on a silk mesh which can be reversed to produce a different picture.

In watching two women who work with invisible threads, one discovers the care and patience demanded of practitioners of this art. Progress is slow and painstaking. The designs they work on were started over eighteen months ago so that the pictures would be well-developed by the time they reached American eyes.

The displays about medicine give one an idea of just how advanced early Chinese

science was. A description tells of training methods used to teach doctors how to perform acupuncture (which dates from as early as 493 B.C.) and describes the techniques in use both in ancient times and currently.

The copper model to the left as one enters the second room was used for testing the student's knowledge of needle placement. It would be covered with wax and filled with water or mercury; if he put the needles — which ranged from minute to gigantic and from gold to steel — in the right places the liquid would escape slowly.

The Chinese believed that the best way to cure disease was to prevent it by maintaining the proper balance between *yin* and *yang*. Acupuncture serves to reduce an excess of *yang*; an overdose of *yin* calls for moxibustion — the burning of cones of small dried herbs on the skin.

A variety of herbal remedies are hidden in the doors of the huge cabinet in the same room. The visitor opens drawers that reveal interesting smells together with information on the dosage to be administered and the effects it would have on the metabolism. Cataloging of herbs and plants was started in the first century B.C. — with 365 medications on the list — and has been expanding ever since.

The Daoist concern for long life extended to an insistence on high standards of personal hygiene. Massage, exercise and fasting were part of the routine too. Information is provided on the techniques of today's Chinese doctors. The links with past practice are clear; the sequence of development gives a vivid impression of the differences between Chinese society and the Western world.

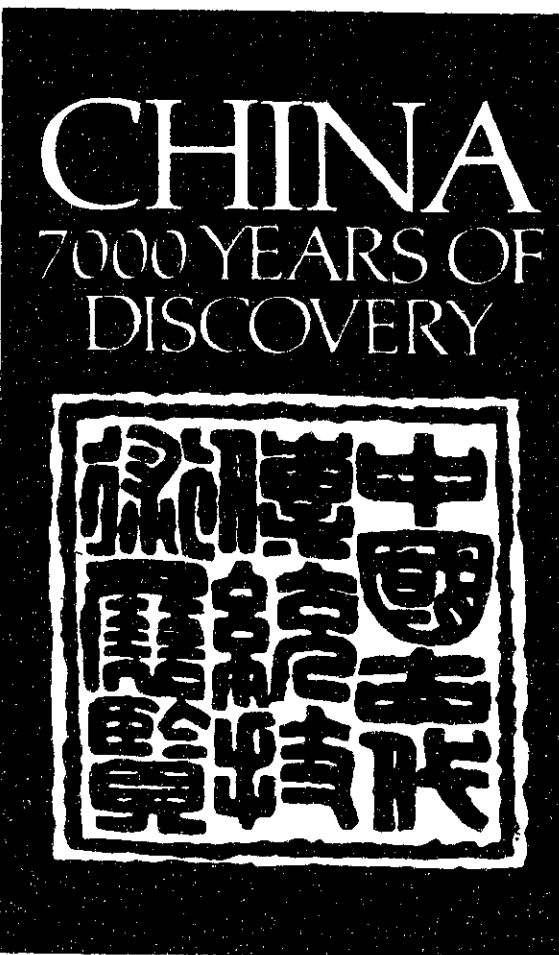
The greatest entertainment of the exhibit

comes from a copper wash basin. Stroking it in the right places makes the water in it bubble and splash; the basin hums as if in encouragement. If you can find an experienced person ask for a demonstration.

The Chinese wrote on materials ranging from bamboo sticks strung together and animal bones to bamboo paper. One can watch a demonstration of bamboo paper manufacture as well as an exhibit telling the history of Chinese calligraphy. A program running on a cluster of Apple computers underlines the differences between Western phonetics and the Chinese pictographs.

Guides are available to provide information on most of the displays of craftsmanship. Those with yellow ribbons below their badges speak Chinese and act as interpreters between visitors and the artisans at work. The descriptions provided on panels throughout the exhibition are also a major asset. The Museum of Science is briefly housing a great treasure: Don't miss it.

David Waldes



Through Dec. 1, 1985

**Beginning today at 10 am, remaining prints from the Student Loan Program will be distributed on a first-come, first-served basis in the new Hayden Gallery, first floor E15 (Wiesner Building). Bring your student I.D. if you hope to borrow a print. Please contact the Committee on the Visual Arts (x3-4400) or stop by the Hayden Gallery if you have questions about the lottery or the Student Loan Program.**

## UA NEWS AND WORLD REPORT

US\$ 1.95

Volume 1, Issue 1

17 September, 1985

### CLASS OF '86 SENIORS LACK COORDINATION

The Class of '86 is in need of interested class members to apply for the offices of Social Chairperson(s), Senior Week Coordinator and Senior Gift Coordinator. Applications are available at the UA office (Room 401 in the Student Center) and must be returned by Monday, September 23rd.

Whether you're interested in being an officer or if you just want to get involved in our Senior Year activities, come to the class meeting at 7:30 pm on Tuesday, September 17th. The meeting will be held in the UA office and refreshments will be served. We need your help if this year is to be a raucous good time.



### CLASS OF '87 SHIRT OFF YOUR BACK

Back by popular demand, Class T-shirts will go on sale again in Lobby 10 sometime this week. This is the same design which quickly sold out last term.

### MEMBERS NEEDED

The Class of '87 Council is looking for Committee members. The following committees are still open:

**Social Committee**— Plan class social events. If interested, contact Eugenie Uhlman (McCormick), Gakyung Chung (McCormick) or Jeff Kung (MacGregor).

**Newsletter/Publicity**— Organize and write the class newsletters and advertise class events and meetings. Contact Edward Schembor (Sigma Chi).

**T-Shirt Committee**— Sell this year's T-shirts and plan for next year's design contest and sales. We are also looking for a new committee manager. If interested, contact Grace Ueng (McCormick) or Tim Jones (DU).

### CLASS OF '88

The Class of '88 will be having a Council Meeting on Sunday, September 22 at 4:00 pm in Room 400 of the Student Center. All class members are expected to attend. Formal dress is optional.



### CLASS OF '89

DON'T FORGET FRESHMEN OPEN HOUSE THIS FRIDAY FROM 3-5 pm SODA AND IN UA OFFICE



Thanks to Patty Obermaier for organizing "That's EntertainMIT." She did a very funny job. A special thanks to APO, the Midway workers, and all the groups who worked so hard to make the Activities Midway a great success.

First UA Council meeting of the year — Thursday 7:00 pm in the West Lounge.

If any group still has A/V equipment that was borrowed from the Activities Midway, please return it to Steve Burke in the Student Center Room 401.

—Don't forget...all the latest Class news is found on the Lobby 7 bulletin board.

### All Student Activities:

Please check the UA Bulletin board in Lobby 7 to make sure we have the correct information for your organization. The list will be published in the '85/'86 Student Directory. Please contact Steve Burke at x3-2696, UA Office to confirm or correct this information before September 18th.

# Morgan organizes lecture committee

(Continued from page 1)  
 a while for these things to get going."  
 McBay was instrumental in the formation of the committee, Morgan said. "She was convinced that it was a good idea, and she had the experience," he explained. "She turned the tide . . . it was her initiative."

Louis Menand III, special assistant to the provost, initially convened the committee, Morgan added. Menand is also a member of the committee.

LSC has been cooperating with the Colloquium Committee from the beginning, Morgan said. "I have a lot of respect for their role here at MIT. They are willing to do anything to support" lectures and showcases here, he added. Rim Cothren G, head of LSC, chairs the Colloquium Committee's publicity subcommittee.

The committee will operate in an experimental stage this year, Morgan said. Its first program is already in the works under the auspices of the Office of the Dean for Student Affairs (ODSA), he continued.

The ODSA had planned to sponsor a forum on South Africa and apartheid on Nov. 6-7. The Colloquium Committee is organizing the discussion as a trial event, Morgan said. "We will be trying out many of our ideas there," he said.

Most members of the ODSA who were involved with planning the forum now serve on the Colloquium Committee in some capacity, Morgan said. ODSA staff members are involved either with this particular program or with the committee in general.

"We will try to make it a real educational event . . . more than just a political rally," Morgan explained. The South African and apartheid forum will feature an expert panel on the subjects.

Funding for the event will come from the Provost's Office, which has "agreed in principle" to the budget presented by the committee, Morgan said.

One option considered by the committee is the cancellation of all classes during the lecture, so that all students and faculty would have the opportunity to at-

tend.  
 A study showed that if the Registrar cancelled all classes on a given Wednesday at 3 pm for the Colloquium, only 9.4 percent of Humanities and Social Sciences (HASS) subjects would be affected, Stanger said. A 4 pm starting time would cancel only 7.4 percent of HASS sections, he added.

Cancellation of classes is not a possibility at this time, according to Morgan. He added that "in the future, it is a possibility."

The committee is still studying the logistics of housing and feeding the speakers in campus residences, Morgan said. "We are in contact with Bryan Moser '87 [Undergraduate Association president and committee member] and Tinley Anderson '86 [InterFraternity Conference president], dormitory councils and housemasters. Most of them have been enthusiastic."

Dormitories without kitchens will not automatically be eliminated from participation, Stanger said. Catering may be a possible solution, he explained.

The committee will sponsor one program about apartheid in advance of the Nov. 6 event, according to Robert I. Rotberg, professor of History and Political Science and chairman of the program subcommittee. Shenna Duncan, the national president of Black Sash South Africa, a "liberal women's protest organization," will speak on Sept. 30, he said.

Duncan, the former editor of *Black Sash Magazine*, has published numerous articles in South Africa and abroad. She has addressed such topics as the Pass Laws, the South African homeland policy and "the consequences of legislation depriving black South Africans of their citizenship" in her writings, Rotberg said.

The featured speaker at the fall colloquium will be Dr. Nthato Mondala, a medical doctor from South Africa. Panel members will include Mary Berri, of the Equal Opportunities Employment Agency and John Reid, chairman of Citibank and member of the MIT Corporation.

# A LOT OF CAPTAINS OF INDUSTRY STARTED OUT AS SECOND LIEUTENANTS.

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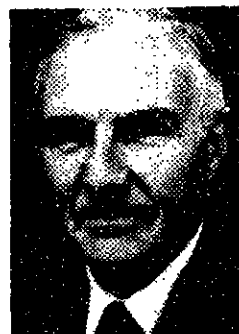
If you want to prepare for a promising future in business, begin your future as an Army officer, with Army ROTC. You too might wind up a captain of industry!

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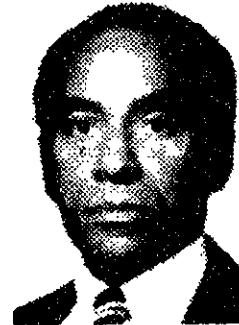
CALL MIT ARMY ROTC 253-4471, or visit Building 20E-126



Rawleigh Warner, Jr., Chairman, Mobil Corp.



Earl G. Graves, Editor & Publisher Black Enterprise Magazine

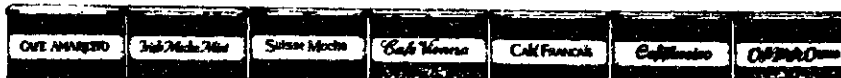


Walter F. Williams, President & Chief Operating Officer Bethlehem Steel Corp.

John G. Breen, Chairman, President & CEO Sherwin-Williams Company

# 8 things a man does on a first date that make me want a second.

1. He loses arguments gracefully.
2. He opens doors for me and follows other rules of chivalry without flinching.
3. He can handle his liquor.
4. He doesn't care if all I want is a salad and a white wine spritzer.
5. He shaves.
6. He discusses anything but point spreads over dinner.
7. He has enough confidence to compliment me, and doesn't expect me to immediately return the favor.
8. When he asks me up for an after-dinner drink, he serves up Cafe Irish Creme.



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## classified advertising

**Classified Advertising in The Tech:** \$5.00 per insertion for each 35 words or less. Must be prepaid, with complete name, address, and phone number. The Tech, W20-483; or PO Box 29, MIT Branch, Cambridge, MA 02139.

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**GO METRIC** - You use the International System of Units in your studies. It's so much easier than feet, inches and sixteenths! (Quick: How many gallons make a cubic yard? One thousand litres make one cubic metre. Easier arithmetic!)  
 You have a legal right to use metric units wherever you want (15 US Code §204).  
 More information: US Metric Association, 89 Mass. Ave. #434, Boston, MA 02115.

**PERSONAL HEALTH**  
 General medical care, sportsmedicine and sexually transmitted diseases treatment. Private physician's office, confidential. Robert Taylor, MD. 1755 Beacon St., Brookline, 232-1459.

**THE HUNTINGTON THEATRE** needs bright, articulate people to promote the 85/86 season. Salary plus commission. Hours: 4:30 pm - 9:30 pm. Call 353-3320.

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**MICROSCOPE, CARL ZEISS #NJ297145**, in storage, never used. Acquired from company 1945. Four extra lenses and tool-maker's measuring micrometer in case. \$3,000. L. Burch, 3 River Street Place, Boston 02108.

**1980 Ford Fairmont Station Wagon**. Standard Transmission. Runs well. \$2000 or Best offer. 421-4752 (days), 723-3684 (eves.).

**Childcare person** needed for 3 and 4 year old girls in my Harvard Square home. We seek a loving person for this 10 or 20 hour a week part-time position. MWF 3-6 pm or Tues. and Thurs. 1-6 pm. Call 868-4034.

**The MIT Equipment Exchange** offers surplus equipment and used typewriters to students and staff at reasonable prices. Located in Building NW30, 224 Albany Street. Open Tues., Thurs. 11 am - 3 pm.

# UASO makes life easier for students

(Continued from page 1)

ments would otherwise handle, such as the Undergraduate Seminar program. The program, now in its 25th year, offers approximately 40 seminars.

Seminars encompass interdisciplinary topics and are offered for six units on a pass/fail basis. The seminars offer the opportunity for hands-on laboratory experience, debates regarding current or controversial issues, and exploration of science and engineering professions.

The UASO also manages the Wellesley/MIT Exchange Program. This semester, 13 MIT students are living at Wellesley and approximately 160 students are cross-registered, according to Mary Z. Enterline, manager of the IAP/Wellesley-MIT Exchange Program.

The exchange program provides students with an occasional much-needed change of scenery as well as alternative courses, Enterline said.

The IAP Office coordinates the activities during the January IAP period. A introductory guide to IAP activities, traditionally published in November, will be eliminated this year because of financial reasons, Enterline said.

In December, the office will publish a bulletin of scheduled

IAP activities. Preliminary activity notices will be posted for students' information before Thanksgiving vacation, according to Enterline.

The UASO also serves as a convenient depository for materials from other MIT offices, especially the Registrar's Office. These materials include add/drop cards and petition forms.

Literature on academic aspects of MIT is maintained in the UASO's Academic Information Center. The office publishes the *Freshman Handbook*, a comprehensive guidebook to MIT designed specifically to answer questions about the Institute commonly asked by freshmen.

The office also publishes the *Undergraduate Seminar Program* bulletin, *The Freshman Newsletter* and "course roadmaps," which illustrate suggested paths to complete coursework in each department.

The UASO is open to upper-class students as well as freshmen. All undergraduates are encouraged to take advantage of the office's various support services, Richardson said.

The UASO may be the first place to go with questions, but it is definitely not the last, Richardson added. If the staff in the office cannot answer a question, she said, they can usually refer one to someone who can.

Anyone wishing to serve as a **football statistician or Public Address Announcer** at the MIT home football games this season may contact Ken Cerino, Sports Information Director, at 253-7946, or stop by W32-129.

The **Project for American Israeli Research, Inc.**, a non-profit organization, is currently recruiting students from Boston area universities to perform research locally for Israeli businesses, government offices, academic and scientific institutions. Research projects will be available in many fields, including marketing, finance, law, computers, engineering, design and others. Duration of the project varies dependent on specific requirements of the Israeli sponsor.

P.A.I.R.'s objective is to strengthen the relationship of American university students to Israel and contribute to Israel's economic growth by enabling students to donate their skills as researchers. Students may arrange to receive academic credit for projects. Projects may lead to thesis work, internships, or future employment in Israel. Graduate and undergraduate student applicants accepted. For more information, please contact Tamra Morris, Executive Director, Project for Israeli-American Research, Inc., 479 Statler Office Building, Boston MA 02116, (617) 423-7951.

The University of Southern California has established a Center for International Journalism offering a unique new graduate

program. Send away for application or information: University of Southern California, Center for International Journalism, Grace Ford Salvatori 315, University Park-MC 1695, Los Angeles, CA 90007, ATTN: Professor Murray Fromson, Director.

The **Cambridge School Volunteers** invites you to help us help kids learn. Your time and talents can really make a difference in a child's life. There is a spot for you among our many volunteer opportunities ranging from Basic Skills to Computers to College and Career Awareness. Credit may be available through your school. For more information, please call 493-9218 to discover how you can be part of Cambridge School of Volunteers.

For the 19th consecutive year, the Professional Studies Program in India is offering American graduate students from a wide range of professional fields the chance to do fieldwork or research for a year in India.

Applications for the 1986-87 year are now available from International Education at the University of California, Berkeley, which coordinates the program.

The Professional Studies Program places US graduate students at universities and research institutions in India. Participants work with Indian faculty and professionals in developing projects related to their professional and research interests.

Many program participants have used their Indian research data in writing their doctoral dissertations and in preparing arti-

cles for both Indian and American professional journals.

The 190 participants in past years have come from fields as diverse as agriculture, architecture, business administration, engineering, librarianship, public health, social welfare, optometry, public policy and urban planning, as well as the traditional professions of law, medicine and education.

The Program provides one month of language training and orientation seminars on Indian civilization and the problems of development and social change. Also included are round-trip air fare from the east or west coast, medical care, a living allowance, and research-related travel expenses.

January 6, 1986 is the application deadline. To apply or to obtain further information, write to Linnea Soderlund, Program Coordinator, International Education, University of California, 2538 Channing Way, Berkeley, CA 94720 — or call (415) 642-1356.

The **Peace Corps** is offering skill-training for programs utilizing the backgrounds of college graduates with mathematics and science minors. Peace Corps volunteers serve for two years. During their service they receive a generous living allowance, paid travel, training and health care. A post-service readjustment allowance of \$175 per month is paid to each volunteer. For information on Peace Corps service, call 223-6366 or 7366, or write PEACE CORPS, 1405 McCormack POCH, Boston, MA 02109

## notices

### Thursday, Oct. 10

A seminar entitled **What's the Matter with 3D?** sponsored by the MIT Communications Forum will be held from 4 pm to 6 pm in the Barros Theatre of the Wiesner Building, E15-070, 20 Ames Street. Speakers will be Stephen Benton of MIT/Polaroid; Rene Paul Barilleaux of the Museum of Holography; and William Paul of MIT. Open to the public.

### Ongoing

**Hypnosis and weight loss** — Want to lose weight using hypnosis and relaxation techniques? Beth Israel Hospital is running a 10-session hypnosis and weight loss group program. The new groups start Thursday, September 12 and Wednesday, September 18. Morning and evening groups are available. Call 735-4767 for details.

### Announcements

All changes in addresses and telephone numbers must be turned in to the Registrar's Office, E19-335, by **September 27, 1985** for inclusion in the Student Directory. Telephone requests will not be accepted.

The **Student Conservation Association** is seeking approximately 200 volunteers to participate in educational work experience this winter and spring at more than 75 national parks, national forests, and other conservation areas throughout the United States.

Volunteers 18 years of age and older are needed to serve for 12 weeks in professional resource management positions at such locations as Denali National Park in Alaska; the Bob Marshall Wilderness Area in the Flathead National Forest, Montana; the San Juan Resource area of the Bureau of Land Management near Moab, Utah; the Chincoteague National Wildlife Refuge in Vir-

ginia; and the Everglades National Park in Florida.

Selected volunteers will assist conservation professionals with such tasks as wildlife surveys, natural history interpretation, backcountry volunteers will develop skills and gain experience that often translate into future paid employment with resource management agencies. Past participants also have found their volunteer service to be personally rewarding, whether or not they are considering a conservation career.

While they are carrying out their assignments, volunteers will also receive an allowance to cover living expenses and travel expenses to and from the area in which they serve. Additionally, free housing will be provided at their work location.

Positions are filled on a competitive basis. Although some positions require volunteers with specialized training in forestry, natural sciences or recreation management, many others are open to all students with an interest in participating.

Positions are now available with starting dates between November 1, 1985, and April 30, 1986. *The deadline for receipt of applications for positions beginning in November and December is September 30.* Later deadlines apply for positions starting between January and April and are explained in the application materials. An additional 700 to 800 positions for the 1986 summer and fall seasons will be announced in December.

Interested people should send a postcard requesting the "1986 PFRA Program List" and an application to the Student Conservation Association, P.O. Box 550C, Charleston, NH, 03603 or call us at (603) 826-5741 for these materials.

The Student Conservation Association is a non-profit, tax-exempt, educational organization and is an equal opportunity program. All qualified applicants will be considered for placement without regard to race, color, creed, sex or national origin.

# Bike Sale!

## THIS WEEK ONLY!

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# Admissions might reduce class size

*(Continued from page 1)*  
 Most schools depend much more heavily on tuition revenue than MIT does, Behnke continued.

## Waiting list yield was surprising

The yield of applicants admitted from the waiting list is usually similar to the overall yield, but this year it was "extraordinary," according to Behnke. Nearly all of the 30 applicants admitted from the waiting list this year enrolled at MIT, he said.

Acceptance letters are currently sent to all students on the waiting list at the same time. It is also possible to "roll" waiting list admissions by accepting some students earlier than others. Further groups of applicants could be admitted after the yield from the first group is determined.

Rolling admissions may allow class size to be controlled more accurately. "I suspect it would be a good idea," Behnke said.

MIT must finish all waiting list actions by July 1 because of an agreement made two years ago with members of the Consortium on Financing Higher Education (COFHE), according to Behnke. COFHE comprises about 30 selective private institutions, including the Ivy League colleges, he said.

Less popular colleges tend to lose students who are accepted from the waiting lists of the more popular COFHE institutions, Behnke explained. Therefore, the COFHE institutions must finish their waiting list actions early enough for other colleges to stabilize their class size, he continued.

The COFHE institutions also felt that keeping applicants on waiting lists too long was unfair, Behnke added. He agreed with McLellan's statement that "the trauma with the waiting list is just awful."

Applicants accepted from the waiting list very late are less likely to attend MIT because they have probably made other plans, Behnke said.

The Admissions Office cannot estimate the class size more accurately by requiring accepted applicants to decide earlier whether they will attend MIT, Behnke said. The "candidate's reply date" of May 1 is "inflexible" because it is agreed on by nearly all colleges in the country, he explained.

## Summer melt below expectations

Attrition of the class during the summer is another source of error in the Admissions Office's predictions, because not all admitted students who say they will attend MIT actually enroll. The difference between the number of students who indicate they intend to attend MIT and the number who register in the fall is called the "summer melt."

The class of 1989 numbered 1087 in July. The Admissions Office expected the class to shrink by 30 to 60 students over the summer, according to Administrative Assistant Eduardo Grado '83. The actual summer melt numbered about 25 students.

This year's class would not have been oversized if the summer melt had been as large as expected, McLellan said. She did

not know why the melt was small. "All sorts of forces seem to be at play outside," she said.

Approximately 30 students over each of the past two summers have reversed their decisions to attend MIT, according to Behnke. Between 50 and 60 students decided not to attend in the two previous years.

He believes the smaller melt for the past two years forms a pattern and will assume about the same summer withdrawal rate when predicting the size of next year's class.

Students change their minds about attending MIT because they are admitted to other schools from waiting lists and decide to attend those schools. Students also defer admission to the Institute, Behnke explained.

MIT will continue to require no admissions deposit, Behnke said.

An admissions deposit is a fee required by some schools to reserve a prospective freshman's admitted status. This fee is credited to a student's tuition payment when he or she enrolls.

Other schools which require an admissions deposit have not found that it helps to predict the class size accurately, according to Associate Dean for Student Affairs Robert A. Sherwood.

## Admissions to be "cautious"

Barring "disaster," Behnke sees no problem in keeping next year's incoming class at or under its targeted size. "We'll be more cautious in accepting students from the waiting list," he said.

He observed that it may be more difficult than usual for applicants to gain admission to MIT this year because of the smaller class size. "We don't like to say no... we're an office of admissions, not rejections," he said.

The yield of admitted applicants typically fluctuates by as much as three percent from year-to-year, according to Behnke. Some schools have experienced changes in yield by as much as seven or eight percent between one year and the next, he added. A three percent variation in yield implies an uncertainty of fifty students in the class size.

It may be possible to predict the yield more accurately by examining subgroups of the applicants, Behnke said. Students who have visited MIT, for instance, are more likely to attend than those who have not, he said.

Yields have become "more difficult to predict over the last five to ten years," Behnke said. High school students apply to more colleges now than in the past and thus are admitted at more schools, he explained.

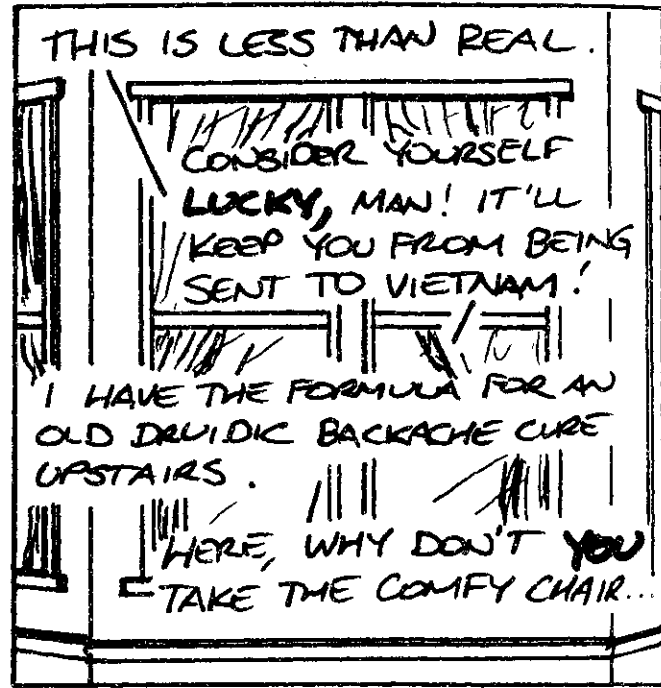
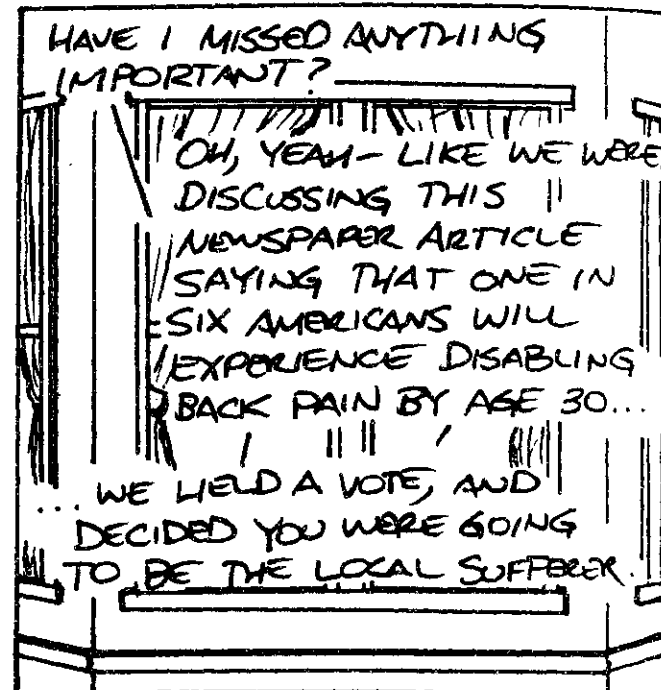
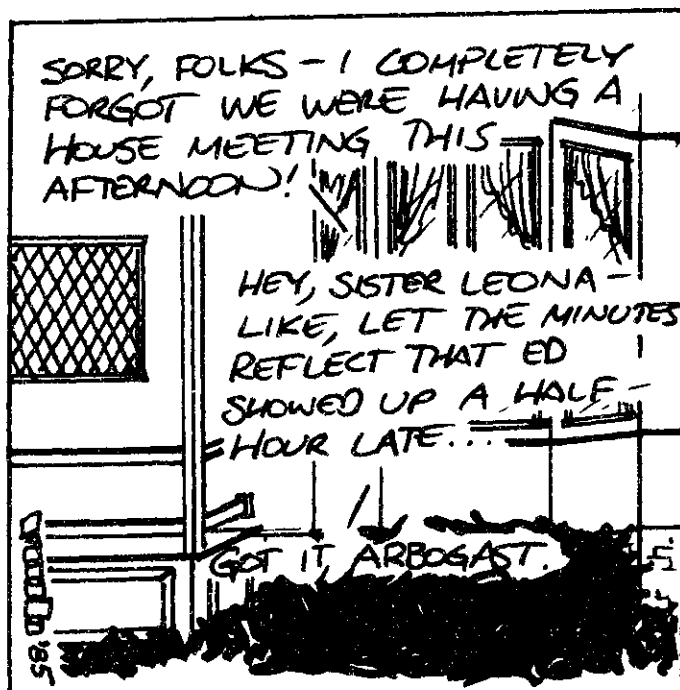
High school students see more options today, so their choices are harder to predict, he said. Some colleges formerly asked candidates where else they had applied, but such inquiries are now considered an invasion of privacy, he added.

Behnke believes the current class size is appropriate for MIT's academic resources. The only overcrowded academic facilities are in the Department of Electrical Engineering and Computer Science, which has suffered because of disproportionate enrollment in that department, he said.

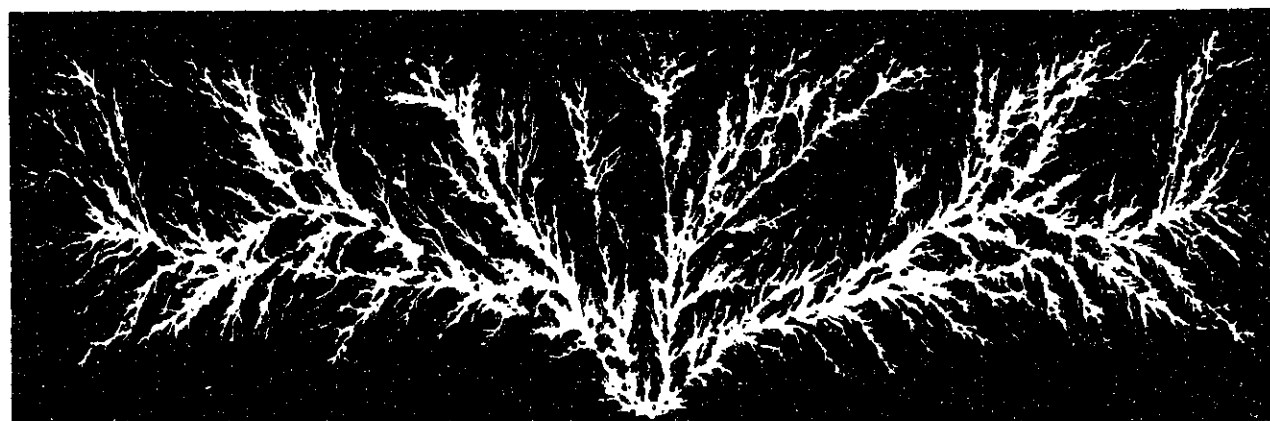
# comics

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By V. Michael Bove



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# Protesters rally against apartheid

(Continued from page 1)

Urban Students Organization and the Black Peoples Organization, died Sept. 12, 1977, in Pretoria, South Africa, of brain damage caused by police brutality according to the demonstrators.

"We are winning because we are on the right side," said Melvin H. King, adjunct professor of Urban Studies and Planning. King pointed out changes in Massachusetts' policy toward South Africa such as the commonwealth's total divestment of holdings in South Africa in 1983.

He urged divestment, explaining that companies go to South Africa "for one reason and one reason only: to make money. If they can't make money there, they will leave."

"For them there's no sense of morality, no sense of justice," he said. "There's one thing only: greed . . . What we do over here is heard over there. It's important that we continue to put the pressure on here."

"Black workers are paid 55 cents an hour" in South Africa, said Rebecca Chase of District 65, a BU clerical staff union. "Their cheap labor allows US corporations [that invest in South Africa] to survive worker strikes here at home."

Saki Makozoma, a South African BU graduate student, said he "was in prison, getting ready to go to work in the lime quarry when I heard the news that Steve [Biko] had died. Until you get rid of psychological oppression, you cannot attack physical oppression . . . It's better to die on our feet than live on our knees."

Blacks still face discrimination in the United States in employment, educational loans, insurance rates, retail prices and housing, according to BU graduate student Michael Blackwell. "Racism is pandemic right here at home."

"Essentially it is just as repugnant and life-denying," Blackwell explained. "When bigots assume positions of power in major institutions, racism becomes ram-

pant.

"In metropolitan Boston, seven out of ten blacks are refused housing on the basis of color alone . . . Over 12 percent of the population is black. Yet on BU's main campus, less than two percent of the faculty is black," he concluded.

## Several groups organized march

BU students began planning the march "about two months ago [when] we realized that the [anniversary of Biko's death] was coming up," said rally leader Steve Welch. "We sent out initial invitations to other groups." The march from the Cambridge Common to the BU Chapel via MIT was finalized after a general meeting on August 12.

The MIT Coalition Against Apartheid and *The Student* organized the rally at MIT, according to Scott Saleska '86, a coalition representative. The Coalition "had a booth at the Activities Midway and about 35 people signed up," he said. "It's part of an ongoing campaign of events to focus on MIT investment" in South Africa, he explained.

"The activists [at MIT] are relatively broad-ranging from all parts of the spectrum," he said. "Considering all the issues, people say that they have not seen activism like this in the last ten years."

The rally demonstrated "that there's still a lot of interest among the students in the Boston area in apartheid," said Todd Lee, a Harvard alumnus and another organizer of the march. "There hasn't been a city-wide demonstration like this for some time."

"You know you are succeeding when the opposition tries to co-opt you," said Welch. He said that area university presidents are learning that "divestment is not a spring fever issue. It's growing in support."

"Now too much public opinion is being affected," he continued. "Campuses seem to be alive and universities are pulling together."



Tech photo by H. Todd Fujinaka

Apartheid protesters congregate at Boston University.

## notices

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The Cambridge Dispute Settlement Center has announced that it is making its service of mediating disputes available to roommates in the Cambridge area. Those interested in using CDSC's service to resolve a roommate dispute or any other dispute should contact the mediation center at 876-5376.

Students and faculty are cor-

dially invited to flex their vocabularies at the **Boston Scrabble Club** — any Monday evening in the Teachers' Lounge of the Jackson-Mann Community School, Union Square, Allston. The club features "social Scrabble" for nervous newcomers, as well as officially-rated competitive play for the real addict. Club hours are 6:30 to 9:30 pm. For more information, contact P.G. Kaufmann at 784-5325.

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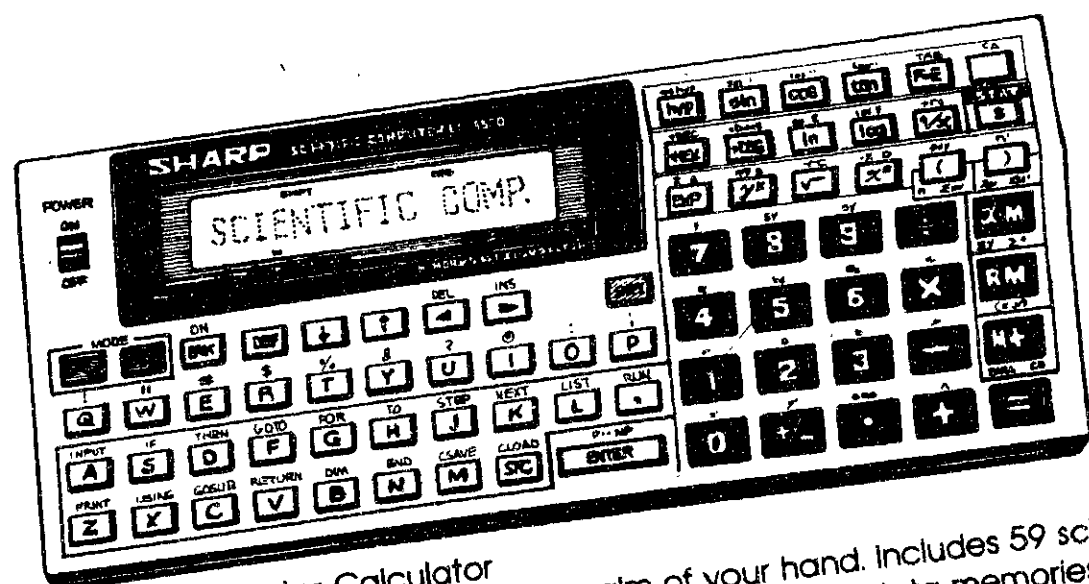
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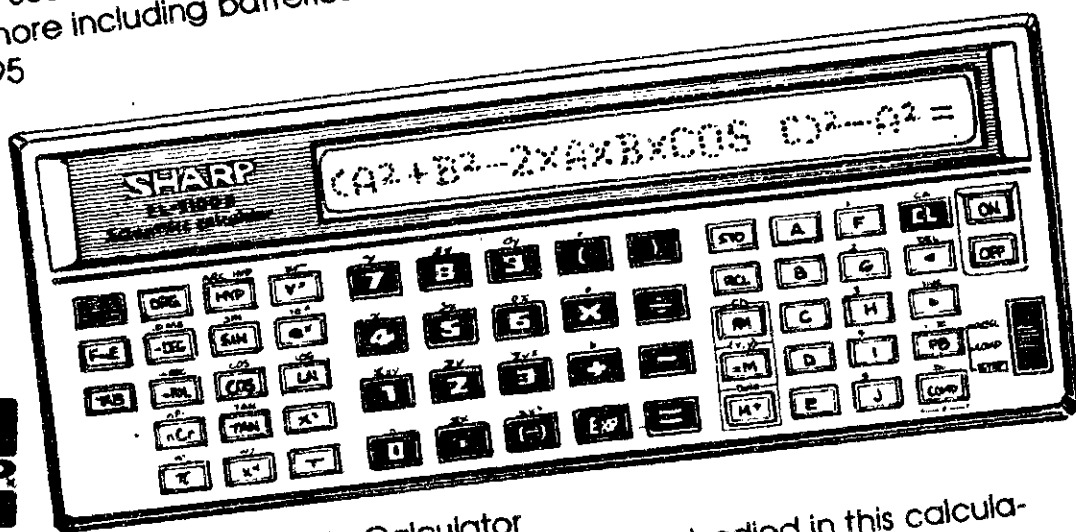
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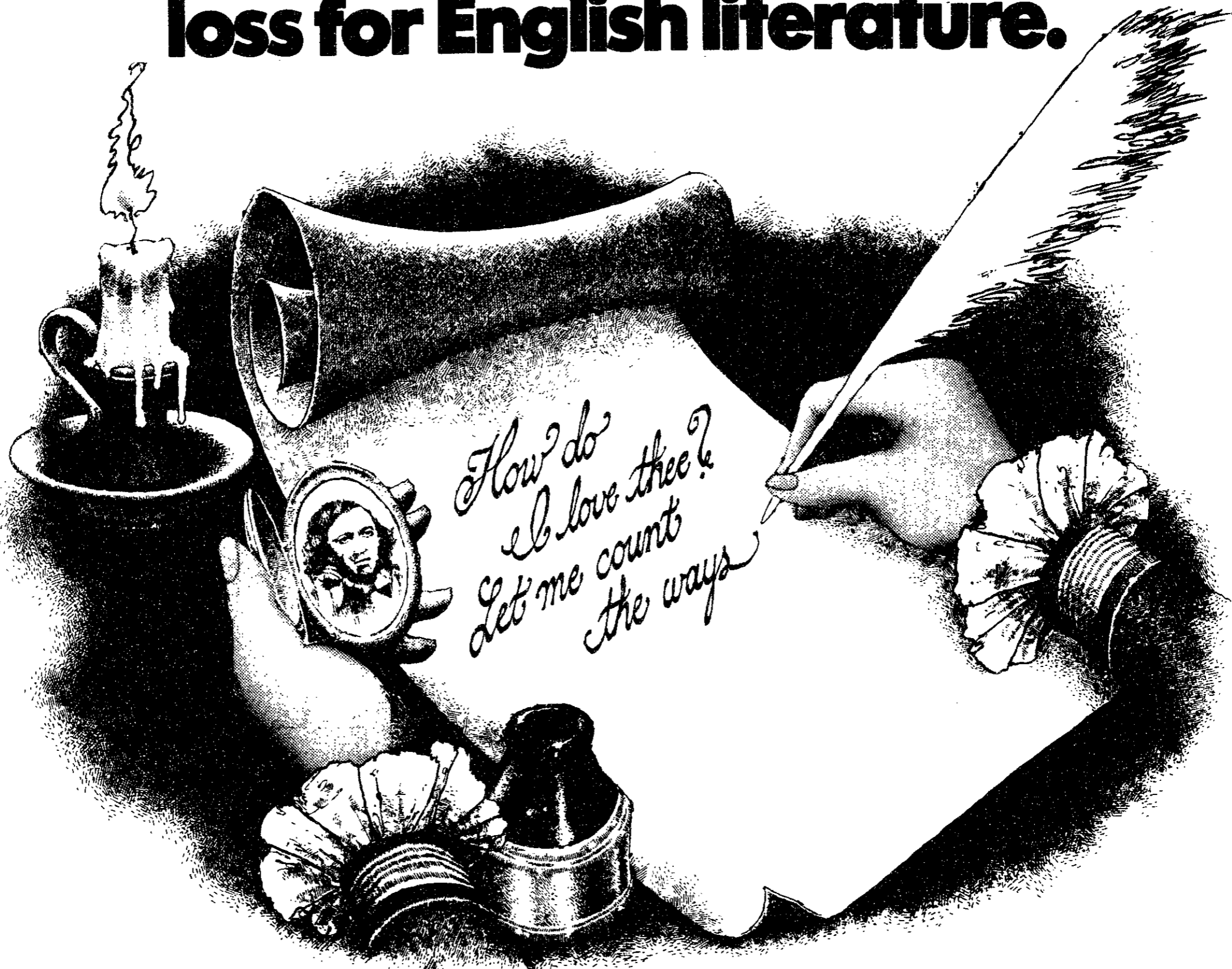
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# sports

## Varsity swimmers are Academic All-Americans

Andy Renshaw '85, Peter Hickman '85, Brett Miwa '86, and Bill Gordon '87, members of the men's swimming team, have been selected to this year's College Swimming Coaches of America Division III Academic All-America team. Renshaw, Hickman, and Miwa also received this honor last year.

### Sailors qualify for sloop race

Skipper Tom Schmitter '87, boat captain Dave Lyons '86, and crew Ben Costello '86 and Lee Hetherington '88 sailed their 30-foot craft to first place among six teams in the New England Sloop Elimination B Championships at Coast Guard September

8. They now qualify for the New England Sloop Championships, to be held later this fall.

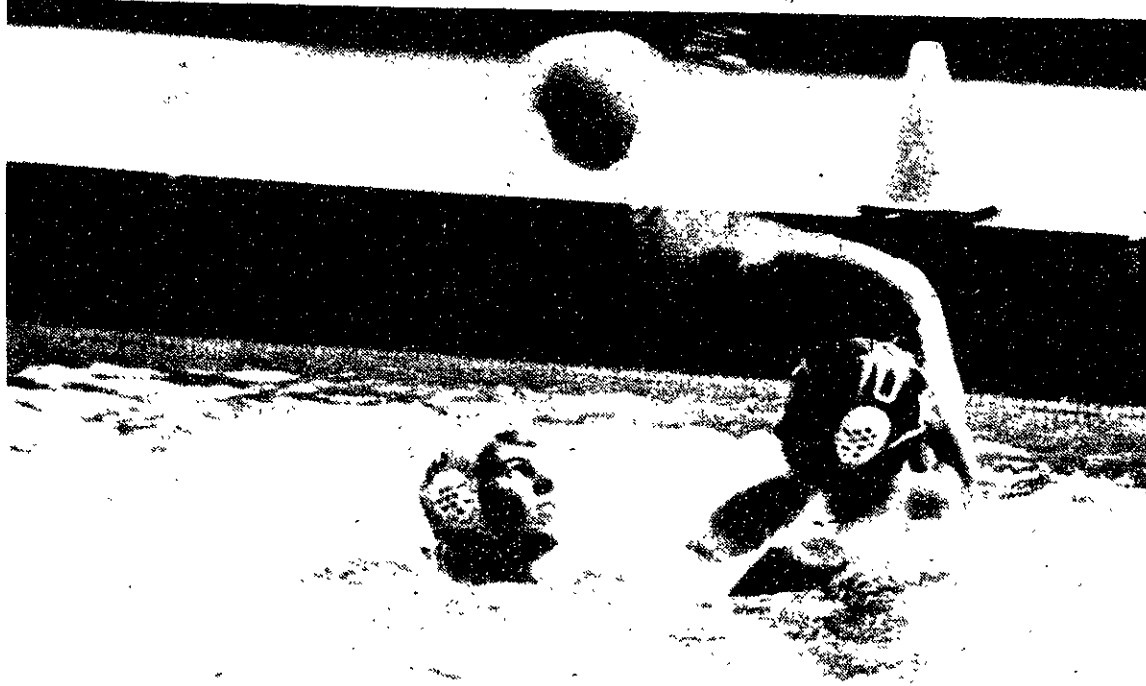
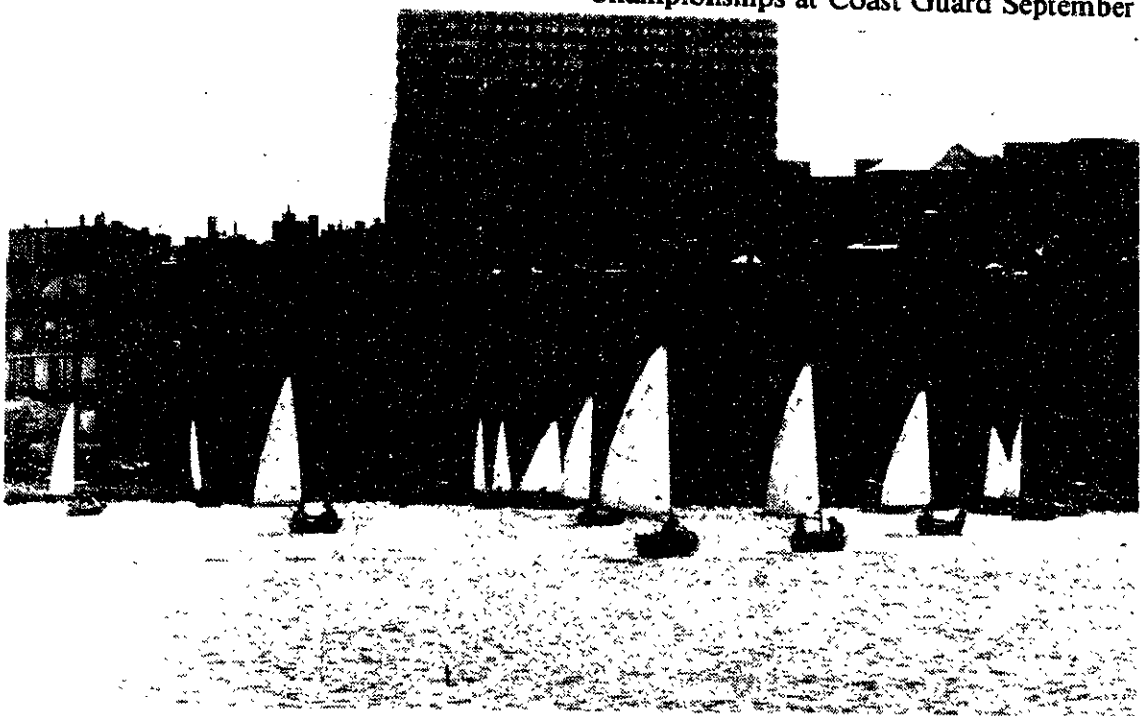
### Women in regatta

The women's sailing team hosted the Mans-Lab Trophy on the Charles River Basin Saturday. Tufts won the regatta, and MIT finished sixth of eight teams.

### Water polo loses

MIT hosted an invitational water polo match Saturday. The team defeated Amherst College, 7-5, but lost its other three games.

Katie Schwarz



Tech photos by Mike Klug

The host women's sailing team finished sixth of eight in Saturday's regatta on the Charles River.

Brett Miwa '86 loops a pass over a defender's head during a water polo loss to the University of Massachusetts.

### Baseball wins two of three

MIT split a doubleheader with Merrimack on Thursday, losing the first game 4-3 and winning the second 12-6. The team defeated Babson on Friday, 5-4.



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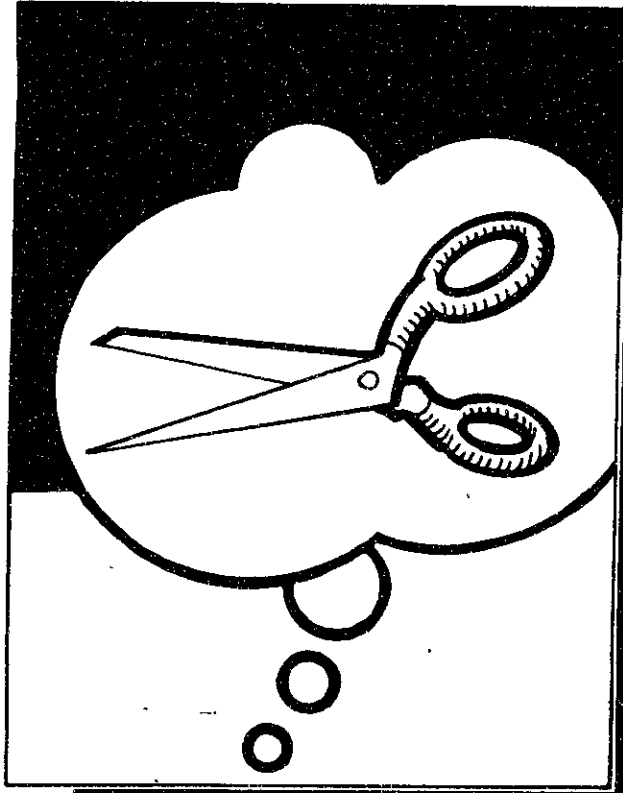
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# sports



Tech photo by Elliott Williams  
Quarterback Peter Gasparini '88 searches for a receiver during Saturday's game.

## Football loses opener

The MIT football club lost its season opener to Stonehill, 12-7. Split end Ken Corless '86 caught the Engineer's sole touchdown pass from quarterback Peter Gasparini '88. A complete report on the game will appear Friday.

## Win for women's tennis

The women's tennis team beat Assumption in its season opener match Friday, 9-0. Captain Jennifer Hyman '87 won in straight sets, and Heather Pickford '86 was MIT's second-place player.

## Men's soccer vs. alumnus

The men's soccer team defeated MacAlester College of Minnesota Friday, 2-0. Greg Hunter '76, soccer co-captain and most valuable player in 1975, coaches the MacAlester team. Co-captains Tom Hoffman '87 and Bill Mayweather '86 scored a goal each. The team played WPI yesterday.

## Field hockey loses

Western New England College beat MIT in field hockey, 1-0, in Saturday's season opener.

## Women's sports in new conference

MIT joined Babson, Brandeis, Smith, Wellesley, and Wheaton to form the New England Women's 6 Conference, an affiliated organization of NCAA Division III. The schools will compete in basketball, cross country, and tennis starting this year, and in volleyball and soccer starting next year.

## Golf scores well in two matches

The golf team won its opening match last Tuesday with a score of 413 to Merrimack's 431. Gary Zentner '87 led MIT with an 81, and Eric Asel '87 and Dave Line-man G followed with an 82 each. The team traveled to Brunswick for the Bowdoin tournament Saturday and finished second of 11 teams, behind Maine.

Katie Schwarz

## Soccer tops Wellesley by 1

By Katie Schwarz

Women's soccer began its first season as a varsity sport Saturday in the first Seven Sisters Tournament at Mount Holyoke. Women's soccer had existed as a club sport at MIT from 1978 to 1983.

MIT defeated Wellesley, 1-0, in its first game ever. It was a sweet victory both as the team's first game and as a win over one of MIT's chief rivals in women's sports.

Jeri Ikeda '87, assisted by Grace Saccardo '86, scored the winning goal. Goalie Julie Koster G kept Wellesley scoreless.

MIT went on to lose to Smith, 2-0, and Mount Holyoke, 2-0. Smith won the tournament, beating Skidmore in the finals.

Coach Shawn Ladda noted that the team is a young squad with much freshman talent. Five freshmen are starting players, among them twins Alice Biber '89 and Charlotte Biber '89 at left and right fullback. Their sister, Madeleine Biber '86, is a member of the varsity gymnastics team.

The new team also benefits from experienced players. Koster,

who graduated from MIT in June with a degree in mechanical engineering, was a member of the women's volleyball team for four years and co-captain for the last two years, when the team made the national quarterfinals. She is

no longer eligible for intercollegiate volleyball, but has another year of eligibility in soccer.

MIT will play Colby-Sawyer today at 3:30 pm. The team's first home game will be against Salem State on Thursday.

## Cross country teams win Engineer's Cup

By Katie Schwarz

The men's and women's cross country teams both won in the season opener Engineer's Cup meet, held at Rensselaer Polytechnic Institute last weekend.

The men's team took the cup for the third straight year. MIT men have now won four of the last five Engineer's Cups, and 15 of the 23 times the meet has been held.

MIT won the men's division convincingly with a score of 17 to RPI's 59 and Worcester Polytechnic Institute's 69. Top finishers in the five-mile course included Gordon Holterman '87, first place, 26:37; Will Sauer G, second place, 26:44; Anton Briefer '88,

third place, 26:46; and Bill Mallet '86, fifth place, 26:59.

The MIT men's team is ranked second to Bates in the latest New England Division III coaches' poll.

Women have participated in the running of the Engineer's Cup for only two years, and MIT has won both years. MIT scored 32, RPI 38, and WPI 63.

Anne McVeigh '89, running in her first varsity race, placed first on the three-mile course with a time of 18:52. Martha Soto '88 placed second in 19:52, and Beatrix Silny placed seventh in 21:05.

Both teams will travel to Coast Guard for an away meet on Saturday.

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# A STAINLESS STEEL RAT IS BORN

By HARRY HARRISON

