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Some dining operations close to breaking even

By Irene C. Kuo

Walker Dining Hall, Lobdell, and Networks should show profits in two years because of their locations and markets, according to Lawrence E. Maguire, director of housing and food services. He added that these profits would have to be large enough to cover the ten-year \$4.9 million debt service on the latter two facilities, which were constructed last year, and on the Faculty Club, which is undergoing renovations.

Walker is close to breaking even. When Lobdell closed, services in the dorms and at Walker expanded, but now that Lobdell is open, services at Walker will be reduced, according to Ken Miller, general manager of food services. For example, hot breakfasts will no longer be served there.

"It costs MIT \$55,000 a year to offer this service at [Walker], but the number of customers just doesn't justify keeping it," he noted. "There are seven places on campus that serve hot breakfasts, but MIT is not an early morning place, and there are not enough breakfast eaters."

Maguire, however, doubted that profits from Walker, Networks, and Lobdell, which comprise the "cash houses," would ever be large enough to cover

losses from the dormitory dining halls. 500 Memorial Drive, for example, serves only 50 people in its two-hour lunch period. Despite these financial losses, services in dormitory dining halls probably will not be reduced. "MIT doesn't mind subsidizing the dormitory dining halls because they are part of the educational program. They are places where students can interact," he explained.

The only way the trend of losses might be reversed would be to change meal plan requirements, according to Maguire. Under a proposal to require all dormitory residents to buy meal plans, "the base would be broadened, and the [dollar] requirement would decrease," he said. However, this plan would need a lot of leadership, communication, and student involvement in order to become palatable to all students, since it elicited sharp opposition from representatives of dormitories without dining halls and strong support from those currently on mandatory plans at a meeting last year.

Lobdell and Networks have experienced steady increases in customer accounts and dollar sales since they opened, but MIT Food

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Georgina A. Maldonado/The Tech

Angst Puppies perform at last Thursday's Battle of the Bands.

Fraternity recovers from lost rush

By David Stern

Pi Lambda Phi, whose rush privileges for last fall were suspended for drug and alcohol violations, is currently in good shape, according to fraternity president Mark E. Housman '91. Although only 28 people are living at the house, which has a capacity of 40, the fraternity is hav-

ing no financial problems, Housman said.

Although the Office of the Dean for Student Affairs stated in a letter to PLP last May that the house could petition for a reinstatement of rush privileges no earlier than March 1989, rush privileges were reinstated in January because the house had fully cooperated with the ODSA, the national fraternity, and Alumni Board in implementing policy changes, according to Neal Dorow, ODSA advisor to independent living groups. One freshman pledged in the January rush.

With the declining male enrollment at MIT, many fraternities have been facing difficulties attracting enough men. Although the suspension of rush privileges could have caused major financial difficulties, none resulted because the fraternity's treasurer successfully reduced the budget, according to Housman. Next fall's rush will "not be unmanageable" even if the house does not fill up, he said.

Last May, the ODSA sent a letter to the fraternity detailing accusations of illegal operation of a

cash bar, illegal use of nitrous oxide at a pledge party, use of alcohol after initiation, and use and availability of other illegal drugs. "In light of the above issues, we do not feel that this House provides an environment which constitutes an approved MIT residence," the letter stated. The letter also stated that the national fraternity, the Alumni Board, and the Dean's Office would conduct individual interviews with house members and would work with the house to implement policy changes. However, no individual was disciplined by either the national fraternity or the ODSA, according to Dorow.

The ODSA was pleased with the changes in the house, according to Dorow. Everything was being conducted in a "legal manner," and he anticipated no further problems. "The patient has recovered," he said.

Drug use is "nil," according to Housman. The house "has not been in better shape in years." In fact, the national fraternity selected the chapter to host the Regional Leadership Conclave last week, he said.

UAP/VP candidates debate issues

By Andrew L. Fish

Luisa Contreiras '90 and David Atkins '90 cast themselves as the ticket of continuity and concrete ideas at last night's Undergraduate Association Presidential/Vice Presidential debate sponsored by MIT Student Cable Television.

Paul Antico '91 and Andrew Strehle '91 argued that they were the "practical" alternative to Contreiras/Atkins, whose goals they categorized as unrealistic. And the team of Adam Braff '91 and Shawn Mastrian '91 claimed that they were the candidates of change who would bring new blood into an organization which they called "bungling" and impotent.

Contreiras was on the defensive for much of the evening. Her proposal to create a student endowment was attacked as unreal-

istic by the other candidates. They noted that MIT would be unlikely to agree to such a plan, preferring instead to raise money for the Institute as whole. And when asked why she had not pursued the endowment while serving as UA floor leader, she could only say that she was unable to "railroad" the proposal through the UA.

Antico said he would approach the position of UA president with a "sense of realism and practicality." He said it was unrealistic to expect major changes during a year-long administration and set more limited goals, including holding forums, attempting to have student involvement in the MIT presidential search process, and canvassing students to gain a better understanding of their opinions.

Braff accused the current UA of being a "secretive clique" which squandered money and "bungled" the "simplest operation." He noted that the UA had spent over \$13,000 dollars on office equipment and furniture last year, and argued that more of this money could be directed to other student activities, even in the event of a funding cut from the Institute. He criticized the secrecy which surrounded the Finance Board, and argued that funding requests should be made public so students could see if activities were truly short of money. Braff also called for a task force on tuition to challenge the administration's accounting of educational costs.

While Atkins agreed that activ-

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MIT library system ranks 47th in recent survey

By Annabelle Boyd

A recent ranking of 100 university libraries puts MIT in a tie with Wayne State University for 47th place. The list was compiled by the Association of Research Libraries.

The MIT libraries showed "pretty well" in the survey, considering that MIT does not have a law or medical school to boost the number of volumes in circulation, according to Jay K. Lucker, director of the MIT library

system.

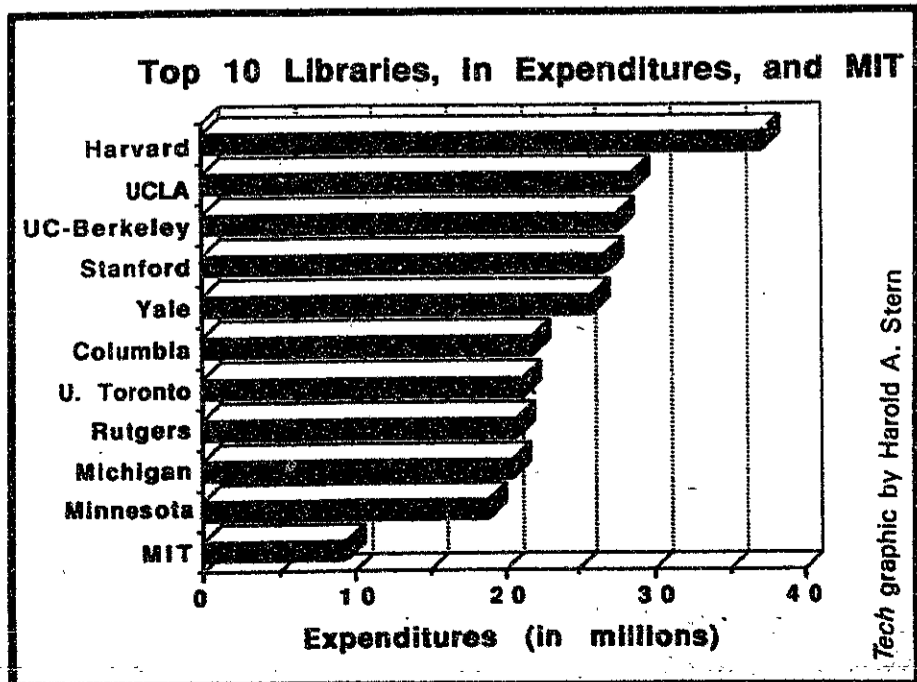
Lucker also stated that the data tabulated by ARL is relative and places its emphasis on priorities different from those deemed most important at MIT.

"MIT has needs different from most other universities," he said. The MIT libraries must buy expensive reference books and science serials for the collection to meet the demands of the MIT curriculum, instead of the less expensive, less technical books needed by most universities, he explained.

Lucker pointed out that the MIT library system has been maintaining its relative position in the survey for several years, and commented that this year was "really no better or worse than last year."

Harvard was judged by ARL as having the best university library system, with almost 12 million volumes in circulation, and a

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Mauricio Roman/The Tech

Pi Lambda Phi house.

Dining facilities experience growth

(Continued from page 1)

Service and ARA will continue to evaluate hours of operation and the products that should be sold, according to Miller.

Lobdell which has been open for 5 months, is just starting to break even and currently serves 23,000 people a week, up 20 percent from the old Lobdell, Miller said. Sixty percent of its customers are Validine card-users.

"The Features section, serving ethnic dishes, has had limited success. In addition, we are still trying to better use the hot entree space and to increase activity there," Miller explained. "We tried not to serve hot entrees one Saturday, but we got lots of negative student response, so we brought the section back. We want to increase variety and to improve design in the dessert section. The speed of service in the grill section could be better." Miller said that the managers were making changes, but that it would take at least two years for them to settle on products and hours of operation.

He claimed that recent changes in some dishes at Lobdell were not part of any cost-cutting scheme. "The old french fries did not hold heat well, and this may sound funny, but we thought that they didn't look good on the plate," he explained, referring to one such change. "We also decided to hand-form the hamburger patties to make sure that they were fresh, not frozen." He added that the weight of the patties did not change and that sandwich meats were the same.

Networks serves 1,100 people a week, according to Miller. Fifty to 60 percent of the customers are students, and the rest are faculty and staff. The Institute has not decided whether or not Networks should advertise in the "outside world." He stressed that

Networks' purpose remains to serve MIT students, faculty, staff, and guests.

"MIT spends a lot of money on off-campus food, and [our hope] is that Networks gets some of that business," he said. He added that it takes two to three years for restaurants in this area to break even.

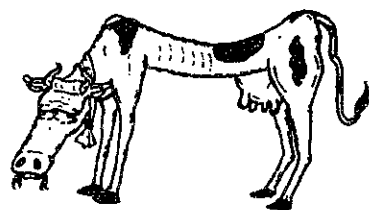
Lobby 13, the Cookie Cart, the Bagel Wagon are profitable operations. He doubted that the Bagel Wagon would ever accept Validine cards because it would be too expensive to install telephone lines and sources of power.

Some lay-offs

Some employees had to be laid off this spring as food-service management became acquainted with how Lobdell operated, Miller said. "Business in the four dormitory dining halls has been considerably down compared to the same time last year. Most of it transferred to Lobdell when the Student Center re-opened, but this fall, we started with the same staff size in the dorms as last year," he explained. MacGregor Dining Hall lost one employee, McCormick lost one and a half, and Baker lost two. In addition, student hours at Pritchett were reduced because Pritchett's lunch service "duplicated" Walker's.

Miller said that the employee turnover rate is high, despite high wages, good benefits, and a liberal sick-leave policy. "Although [MIT Food Service's] wages for cooks and dishwashers are probably higher than anywhere else in Boston, there is just a tremendous number of jobs in this area." He added that on any given day, 10 employees out of the total 200 on campus are absent from work.

The turnover rate for managers is "higher than industry standards," for a variety of reasons, according to Miller. "Last year was difficult. We were opening Lobdell and Networks. [The din- (Please turn to page 17)]



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news roundup

from the associated press wire

World

Baker meets with Arens

Secretary of State James A. Baker described his meeting yesterday with Israel's foreign minister as "a productive exchange of views." But he did not say whether Jerusalem's top diplomat, Moshe Arens '47, had agreed to relax Israeli authority in the occupied territories. While he assured that Israel wants to reduce tension, Arens explained that peace-making is not easy in an area wracked by violence.

Ruling party seeks new South African president

South Africa's ruling party passed a resolution yesterday calling for a new president. However the country's current leader, P. W. Botha, said that he plans to stay in office until at least next year. The leaders of Botha's National Party want Frederick De Klerk to replace Botha, who suffered a stroke in January.

Nation

Discovery deploys satellite

Astronauts on the space shuttle *Discovery* deployed a \$100 million, two-and-one-half ton satellite to complete a space communications network yesterday. The deployment of this satellite, which gives mission control almost unbroken radio contact with shuttles in space, is the main task for the five-man crew during its five-day mission.

Eastern raises \$12 fare

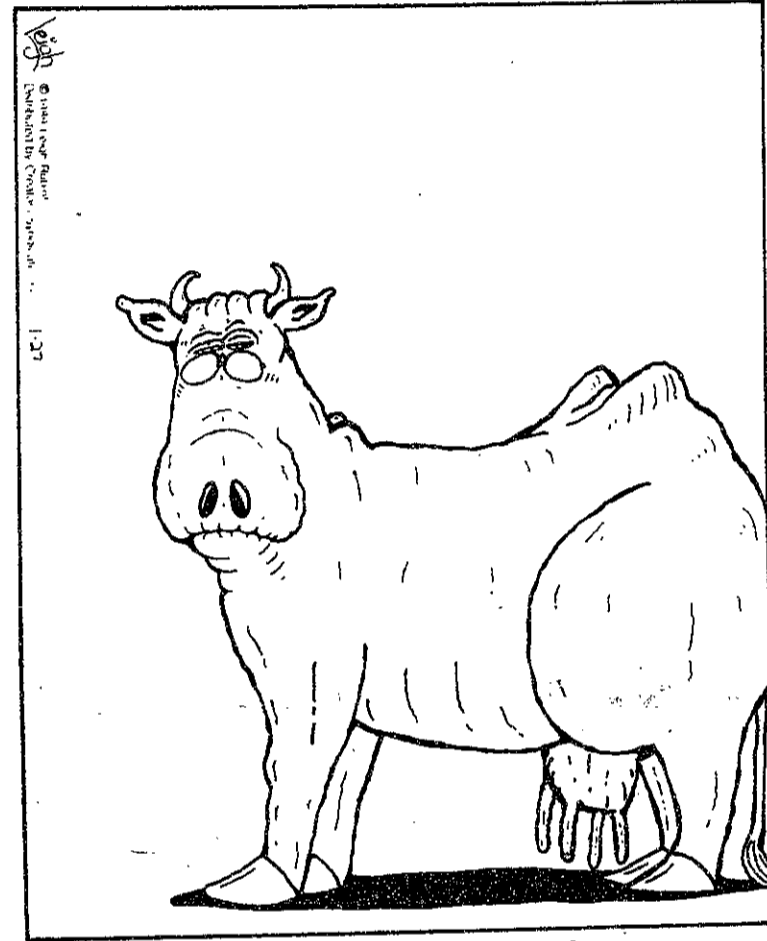
After reporting that the problems involving reduced shuttle fares on its strike-hit operations had settled down, Eastern hiked its fare from \$12 to \$49 yesterday. Problems had cropped up over the weekend; about 550 of the thirty-one thousand people lured by the low fares became stranded when Eastern ran out of seats. Despite the weekend problems all shuttle flights on Monday ran on time with full loads, according to an airline official.

Local

Judge warns against prison overcrowding

A federal judge advised Providence state officials to balance their past few months of progress in relieving prison overcrowding against years of delay. The state is facing more than \$100,000 in fines for violating Judge Raymond Pettine's order setting a limit of 250 prisoners at the Adult Correctional Institutions Intake Center. State officials testified yesterday that they had made progress in establishing a bail fund and had taken steps to create home confinement programs and halfway houses.

Rubes By Leigh Rubin



Where sour cream comes from

Cheney confirmation likely

Defense Secretary-designate Richard Cheney made his first visit to the Pentagon yesterday. President Bush nominated Cheney last Friday and the Senate Armed Services Committee will open hearings on the Wyoming congressman's confirmation today. Cheney's nomination process could be wrapped up in one week, noted one Democratic panel member.

Teamsters, US reach agreement

The Justice Department yesterday agreed to drop its racketeering suit against the Teamsters Union. In return, union leaders will submit to government supervision of their operations and allow for direct election of officers. The government had previously charged that the Teamsters were dominated by organized crime and had sued in an effort to take over the union.

McFarlane questions North's honesty

Robert McFarlane said that he did not always get straight answers from former National Security Council aide Oliver North. Testifying at North's Iran-contra trial, the former Reagan Administration official noted that North prepared a 1985 letter to Congress that denied any National Security Council aid to the contras. North is charged with lying to Congress, among other things.

Weather

Mild times ahead

Temperatures will take a sharp turn toward the mild side today and tomorrow before falling back to more seasonable levels. Low pressure developing in the Midwest will track through the Great Lakes passing to our northwest early Wednesday. Brisk southwest winds will boost temperatures to spring like levels Wednesday before passage of the low's attendant cold front.

Today: Becoming mostly cloudy and milder. High 48°F (9°C). Winds becoming south-southeast 7-14 mph (11-22 km/h).

Tonight: Partly to mostly cloudy and mild. Low 38-41°F (3-5°C). Winds south 10-15 mph (16-24 km/h).

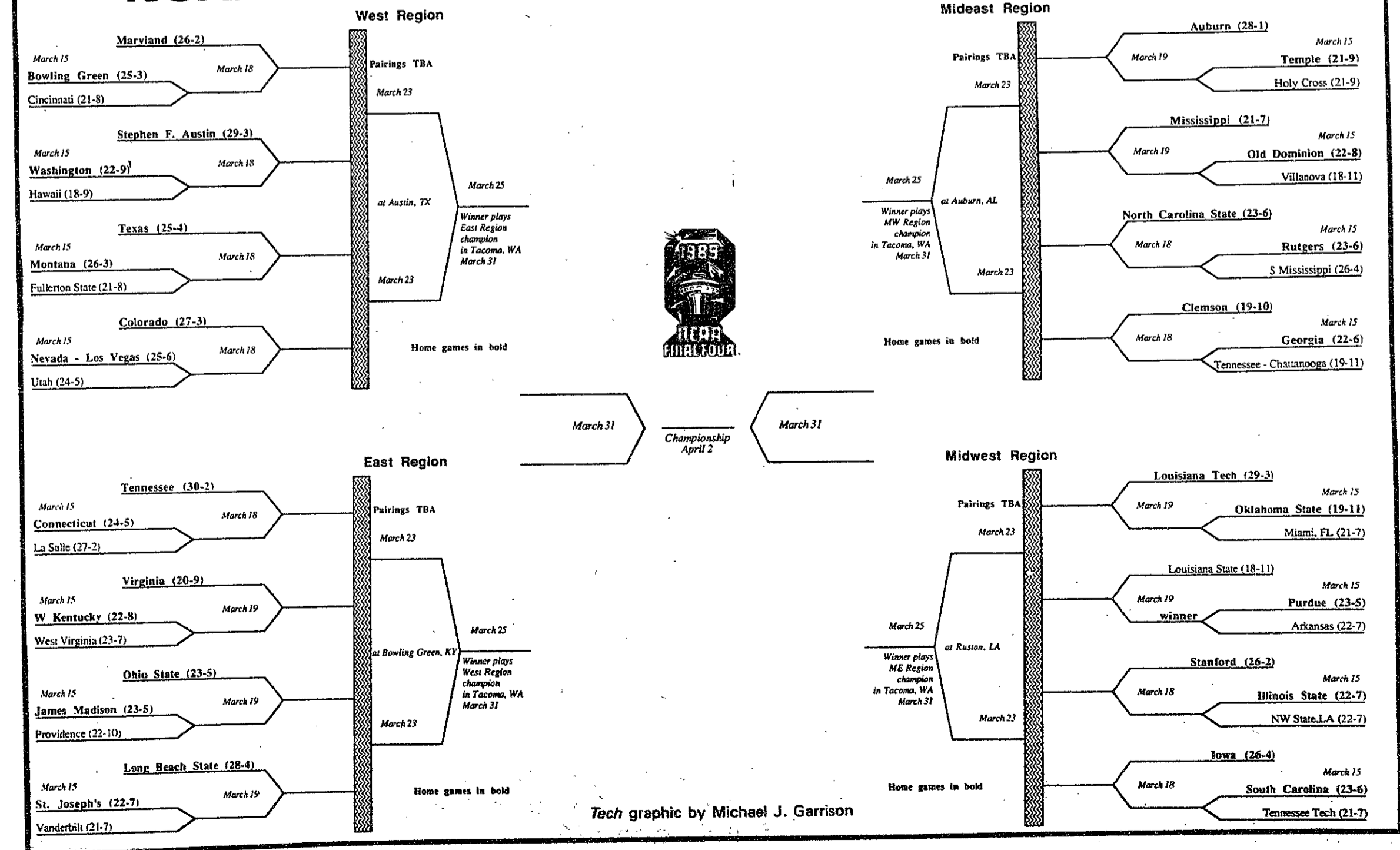
Wednesday: Variably cloudy, breezy and mild. Afternoon rain showers likely. High 60-65°F (16-18°C). Winds south-southwest 15-25 mph (24-40 km/h), shifting to northwest 15-25 mph (24-40 km/h).

Thursday: Partly sunny, windy and colder. High 32-38°F (0-3°C). Low 23-26°F (-5 to -3°C).

Forecast by Michael C. Morgan

Compiled by Linda D'Angelo and Irene Kuo

NCAA Division I Women's Basketball Tournament



opinion

EDITORIAL

No standout in UAP race

The Undergraduate Association has shown some hopeful signs in the last year that it could work on policy issues. Its release last winter of a student report on the first year program was an intelligent innovation, especially because the report preempted the official faculty committee's deliberations. With varying degrees of success, the UA has tried to follow that model on such issues as alcohol policy, student stress, and undergraduate housing.

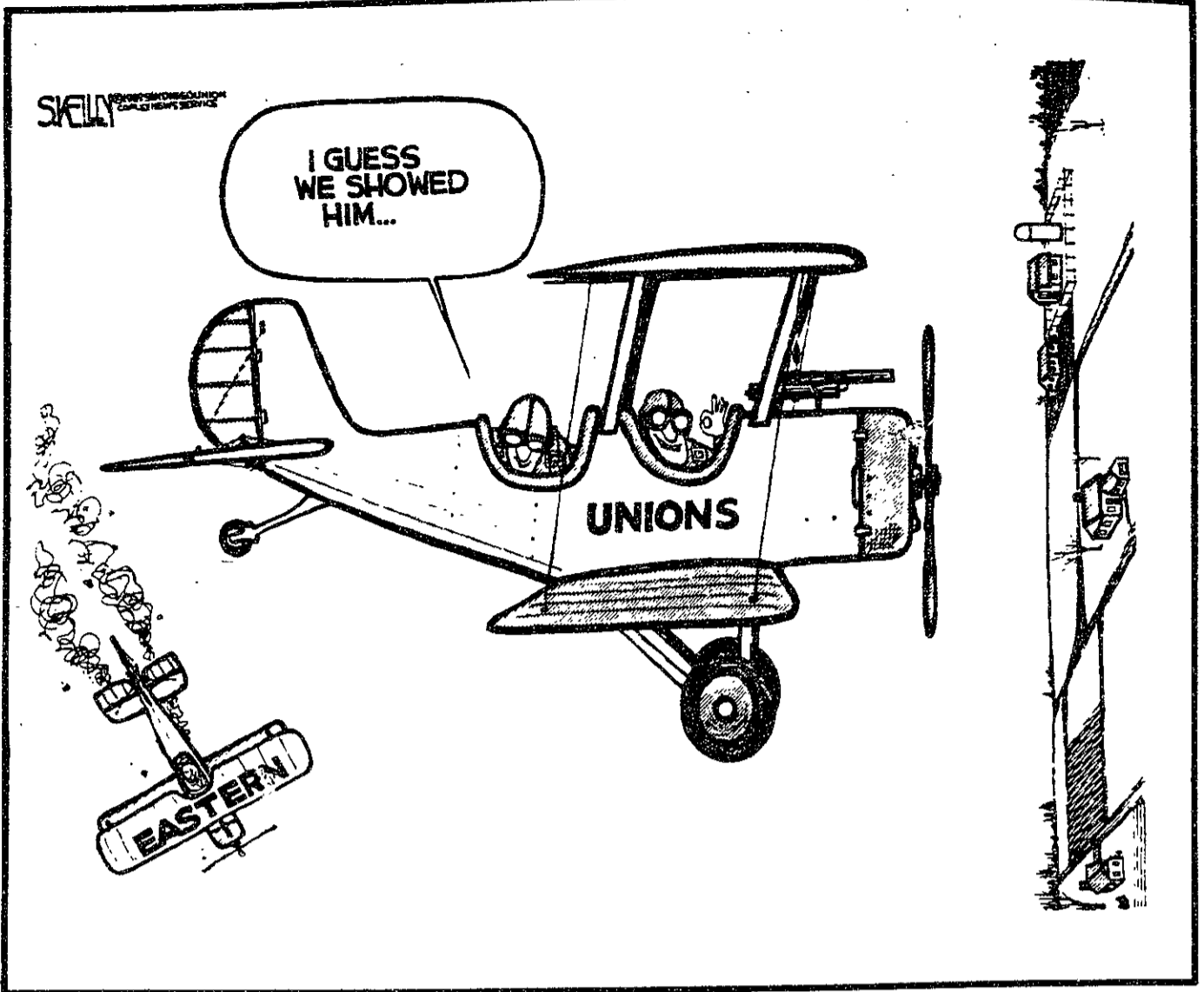
But, in a contest not known for much excitement, this year's UA presidential and vice-presidential candidates are especially unpromising prospects. None of the teams is likely to carry the UA forward in the next year; at best the organization will remain stable.

Two of the three teams are running on vague platforms which have little substance. Though the ticket of Adam Braff '91 and Shawn Mastrian '91 has promised to fight to keep pass/no-credit grading for freshman — the strongest statement made by any of the candidates — they have announced no other concrete views. Braff claims that the team used lighthearted campaign posters because serious issues required a different forum. Yet, they have done little to put forward specific goals at any stage in the campaign.

The ticket of Paul Antico '91 and Andrew Strehle '91 also lacks concrete goals. While they pledge to seek student input, the team offers few original ideas. At last night's debate, Antico had difficulty naming one achievement he hoped to accomplish in his year as UAP. This is not a good sign for a position which requires strong leadership.

Luisa Contreiras '90 and Dave Atkins '90 say they will push for mandatory course evaluation guide entries for as many as 500 classes and that they will seek to raise an endowment for student activities funds. Though these are worthy goals, doubts exist even within the UA about Contreiras' and Atkins' ability to carry them out. Having been UA floor leader for a year, Contreiras should be able to give a more in-depth plan for Course Guide funding than saying feasible options exist.

Devoid of real debate on issues, the UAP/VP race boils down to little more than a personality contest. While none of the teams will cripple the UA, they are all unlikely to provide the leadership the organization needs. Hopefully, whichever team emerges will at least be able to continue existing UA projects; otherwise, the coming year promises to be a slow one for student government at MIT.



LETTERS TO THE EDITOR

ARA cannot keep competent food service managers

ARA tried to convince us that the new and improved food service facility in the Stratton Student Center would be the answer to all our dreams. It is, in fact, all of my food service nightmares come alive. We now get the same bad food we've been getting all along, all over campus, but it's in a flashy new setting complete with trendy neon and fake sausages hanging on the walls. Real-

ly whets my appetite! The best part is that soon that may be the only place to get hot food. After spring break, Walker dining hall will no longer be serving hot breakfast. The reason? It's not making a profit. The reason? Inefficiency of management and human resources, and a lot of disorganization. Walker plans to reduce high labor costs by laying off workers that currently

work the breakfast shift. I doubt that it will help. None of the units on campus besides Pritchett (that I know of) has been able to pull a profit since ARA came to campus. These managers probably couldn't balance a budget if their lives depended on it.

In all fairness to ARA, MIT was having trouble managing MIT Food Service, too. That was why the management firm was brought in to begin with. But shouldn't a management firm be able to supply decent managers? Apparently not. At least five managers on campus have quit in the last three and a half months, leaving an alarming void to fill with people who may or may not be competent. From being on the inside, I'd say that most of them aren't. Anyone's cousin can become a manager, and do a better job. ARA's policy seems to be, "Learn as you work because we don't have time to train you."

I have known three of the managers that quit on a personal level, and two of them were simply fed up with being in such a horribly run operation. Their superiors were managers whose abilities were almost on par with those of one of my stuffed animals. The frustration can be maddening. It takes weeks, sometimes months, to get anything done through ARA management. At Pritchett, we used to tell the health inspectors about things they might have missed just to be sure that the managers would hear about them from someone who pulled a little weight.

There's a part of me that would like to rattle off a few inside food service horror stories just to alert students to the sad state of affairs that exists. But I don't want to turn any stomachs. What I do want is to get other students to speak up about what they think. Students deserve to know what's going on, and they should have a voice in the changes that occur in food service. I encourage you to find out about what is actually happening in your dining halls, or you may soon find yourself eating that plastic salami on your sandwich, and drinking insect exoskeletons in your soda. Believe it or not.

Taki May '90
Former catering captain and head captain at Pritchett

Keep colleges out of military R&D

In his recent criticism of those concerned with military research and development at MIT ["National security requires military research," Mar. 3], Ralph Burgess presents a typically paranoid and reactionary assessment of the need for continued militarization on this campus and in this country.

The refusal of universities to be involved in the arms race would not place our survival at stake as Burgess suggests, but would be an opportunity for university students, researchers, and faculty to send a much-needed message to policy makers that the arms race is out of control and further weapons development is both destabilizing and economically crippling. Contrary to Burgess' implication, this would not lead to an unarmed United States, forced to "bow to oppression or other evil." Such paranoid delusions serve only to create unsubstantiated fear, which is the mechanism by which the two superpowers have brought the world to the destructive brink we presently face.

Burgess quotes Teddy Roosevelt (a self-proclaimed imperialist) to confirm the need for a "stick" our enemies "can see and respect," implying an analogy to our nuclear arsenal. Once you have found a stick that assures mutual destruction, how much bigger does it need to be? When will it be big enough? The university community is in a position to highlight this insanity by no longer acting in complicity with the military industry which has as its mission an escalation of the arms race. Until sectors of society voice their opposition, the arms race will continue with new weapons, "missile gaps," and claims of insufficient parity.

Universities can begin their own process of independent initiative by renouncing defense dollars in campus research.

As if to excuse the militarization of the United States, Burgess suggests that the United States is "basically neither aggressive nor colonial." Left to their devices, I would suggest that the majority of Americans would in fact fit such a description. But to apply this description to the elites that have and are formulating US foreign policy is plainly absurd. Remember the Monroe Doctrine? Better yet, ask Grenadians, Salvadorans, Nicaraguans, Native Americans, etc.

The increased militarization of the world is a means to jockey for and maintain power which is used aggressively by both the United States and the Soviet Union with overwhelming historical evidence. The buildup of destructive weaponry is fueled by the incredible inertia of the military industry in both countries in collusion with governmental institutions concerned with protecting the economic interests of domestic industry abroad.

I like to envision a global community unhampered by the economic burden of weapons production. Until that happens we cannot begin to deal with the real sources of misery and oppression in much of the world: greed and ignorance. I don't expect this to occur in the near future, but it is necessary to envision global peace before we can effectively take steps towards it. The tired jingoistic rhetoric born out of unsubstantiated paranoia presented by Burgess will only lead the world closer to global destruction.

Kevin Gurney G

The Tech

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opinion

INSIDE OUTSIDE

Commencement pledge is meaningless gesture

by Mark Kantrowitz

A group of student activists wants a voluntary pledge of social responsibility to be incorporated into the MIT commencement ceremony, and is seeking support for the plan in an undergraduate referendum in tomorrow's elections. But though their aims are well-intentioned, the pledge itself would only divide graduation participants into two camps and would trivialize the issues the students seek to address.

Because not all students would sign the pledge, it would end up disrupting the unity fostered by the commencement ceremonies. Moreover, in failing to seek graduate student input, the pledge supporters have ignored half the graduating students. Would they distribute the pledge only to undergraduates, further dividing the commencement ceremony, or would they give it to graduate students without asking their opinion?

Furthermore, since the pledge is strictly voluntary, MIT could not incorporate it as a real part of the ceremony. Instead, it would be handed out with the graduation diploma, diminishing the spirit behind the pledge, and increasing the graduation day litter.

What has it got to do with commencement? An emphasis on social responsibility should begin freshman year, not at graduation when it is too late. Many colleges have all incoming students sign a precise and effective ethical code upon matriculation. MIT should inculcate an awareness of social responsibility issues earlier and not rely on an optional terminal pledge.

Commencement ceremonies at Humboldt State University in Northern California included the first such graduation pledge two years ago. According to Richard A. Cowan '87 and the Coalition to Humanize MIT, which proposed the intro-

duction of the pledge to MIT's commencement ceremonies last year, the pledge would provide an alternative to the tradition of graduates turning around class rings, which they say is an "initiation rite to legitimize technocratic insensitivity."

Manuel Rodriguez '89, organizer of this year's effort, feels that the pledge would result in increased social awareness by MIT graduates.

But what real difference would such a pledge make in a graduate's future deci-

sions? By being deliberately vague, the pledge trivializes the issues it purports to support. For both students who sign and do not sign the pledge, it can mean whatever the student wants it to mean. As such it fails to provide any concrete standards against which students may measure themselves.

Though the pledge asks students only to "weigh the social and environmental consequences" of their actions, it is in fact motivated by the assumption that engineers and scientists are directly responsible for the problems of technology. But technology is neither good nor bad; it is a tool, a means to an end. MIT graduates are not culpable if the tools they create might be used for bad purposes. On the other hand, they have a responsibility to participate in the decision process, just like everybody else.

If scientists were to withhold inventions because of potential bad uses and side-effects, all technological progress would halt. There would be no textiles, automobiles, computers or other technology, because any tool, though morally neutral, can be used for bad purposes. By focusing on the decision to invent, rather than on the decision to use, the pledge fails to tackle the real issues.

Moreover, can any action or decision really be categorized as simply good or bad? The issues MIT graduates are likely to face will be much more complex, with the outcome of any decision not clearly defined.

The pledge makes an empty symbolic gesture. Vote no on tomorrow's referendum.

Mark Kantrowitz, a senior in the Departments of Mathematics and Philosophy, is a contributing editor of The Tech.



Illustration by Kai Chiang '92

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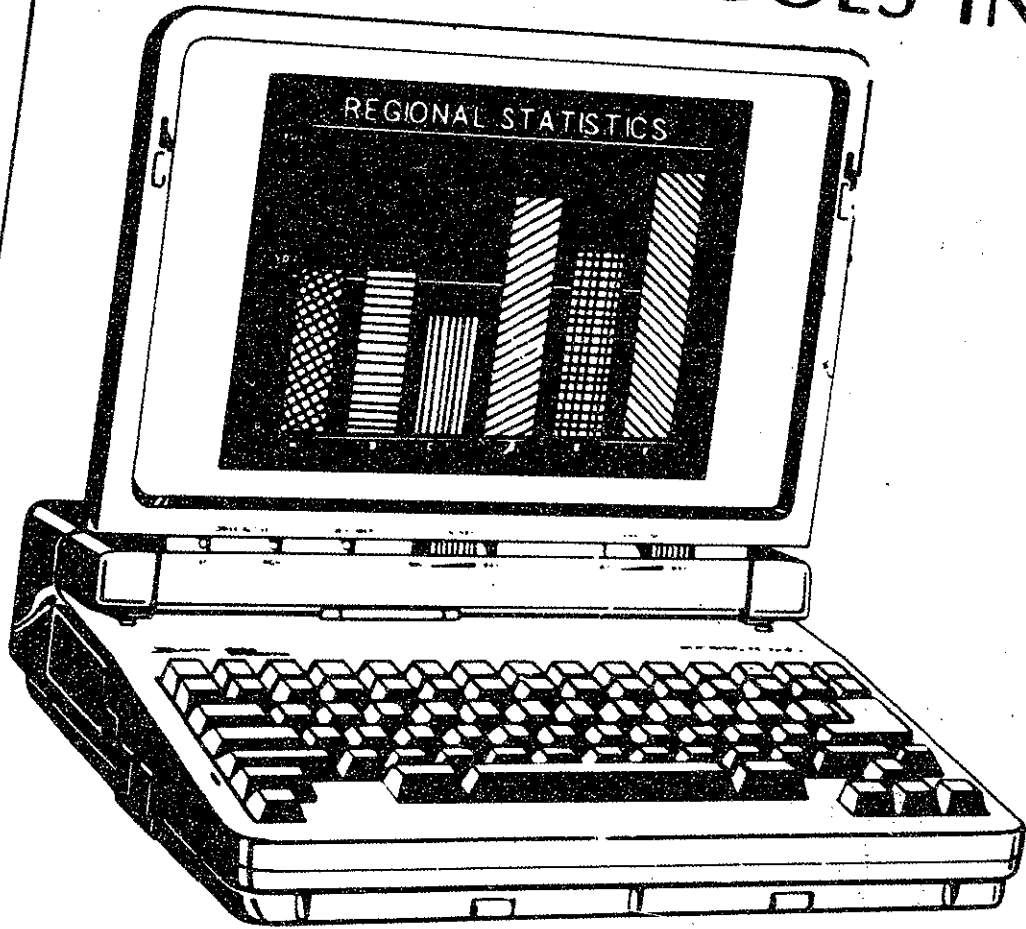
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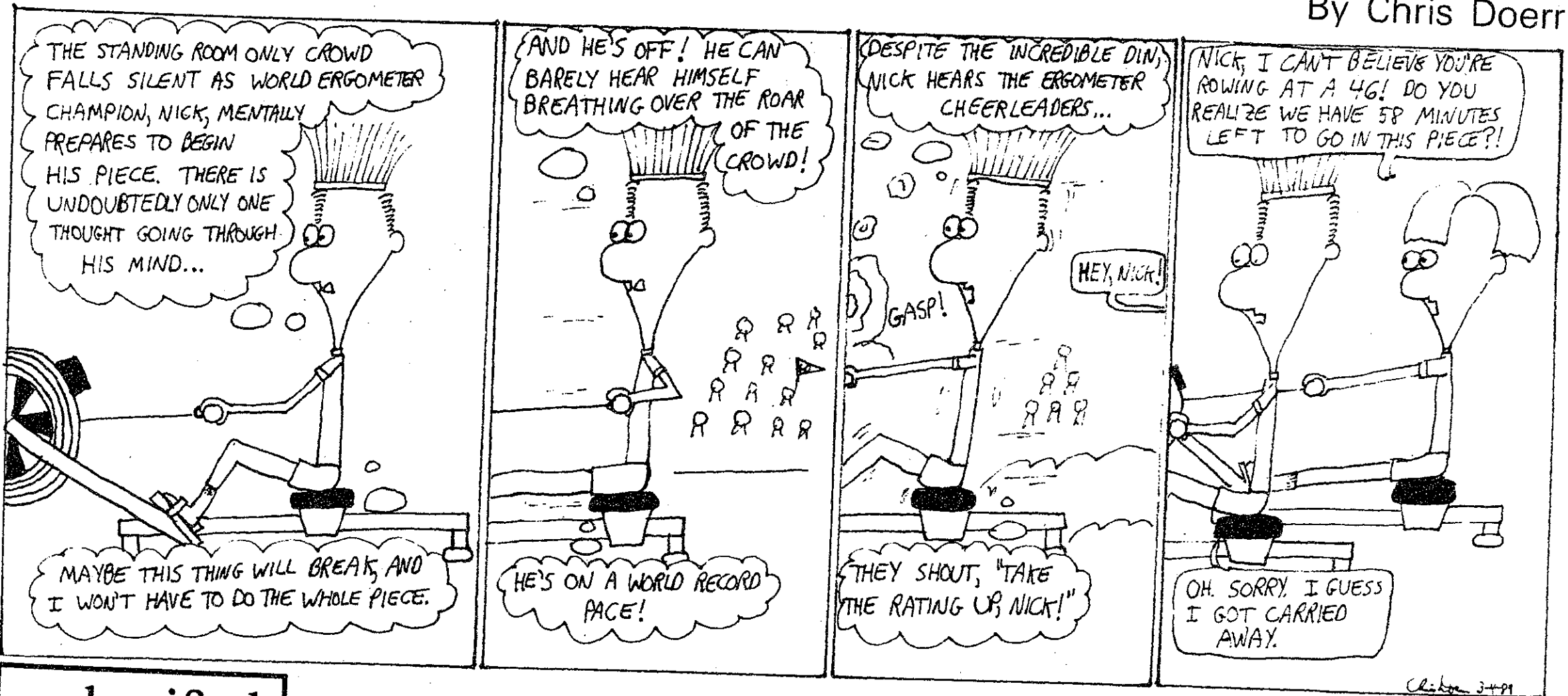
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By Chris Doerr



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Kim Cohen • University of Wisconsin • Class of 1990

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JOE/KAL 1989



Happy (early) Birthday,

Chief Justice Fish! . . .

The Department of Political Science
Announces the Summer 1989
Jeffrey L. Pressman Awards
for
**Research, Travel, Internship,
or Study in American Law,
Government, or Politics**

Up to four awards of \$2,000 will be given for use during the summer to undertake special projects or internships in American government and politics.

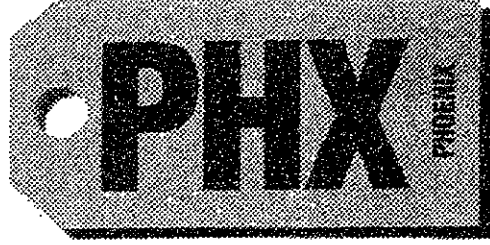
*The Deadline for Submissions
is March 30, 1989.*

Rules and guidelines are available from Ms. Tobie Weiner in the Political Science Undergraduate Office, Room E53-460, x3-3649.

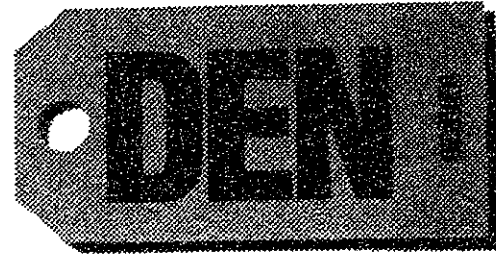
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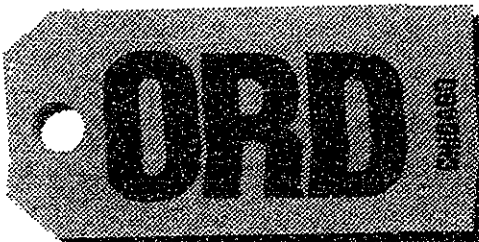
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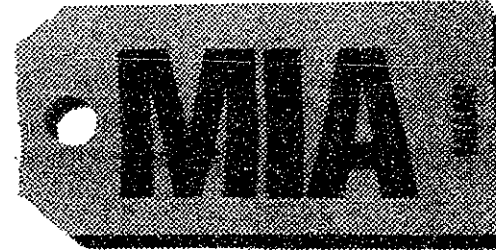
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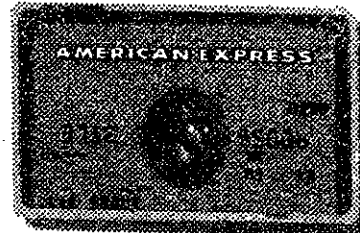
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ARTS

Art elevated to euphoric heights of pleasure and truth

THE LOST SPINDLE

A Romance-in-Song.
LiveOak & Company.
Fogg Art Museum, Sunday, March 12.

By JONATHAN RICHMOND

RARELY IS ART ELEVATED to such euphoric heights of both pleasure and truth-in-artifice as in LiveOak's remarkable production of *The Lost Spindle*. The drama, previously performed — with great success — as an event concurrent with the 1987 Boston Early Music Festival, draws on two sixteenth century artistic traditions: secular Spanish part-songs and Italian *Commedia dell'Arte*.

What Nancy Knowles, Frank Wallace and Steve Yakutis have done — and done brilliantly — is to sew together a story which unites comedy and pathos in extraordinarily beautiful music. It is dynamically performed, and with vivid action that boldly sketches the exterior personalities of the characters depicted, but then takes the audience on a tour to their most inner worlds, too.

The tale is of Ursula, who falls asleep while spinning wool. In her dream she is seranaded by the shepherd Juan. Awakening is cruel, as Mama promptly has her married off to the ghastly money-lender Toribio, leaving her to lust after Juan. She ends up throwing Toribio out of bed, gets bopped on the head, and is then dead.

The songs have been carefully chosen: each fits perfectly into the drama, developing the story and its characters compellingly, inviting the audience to enter LiveOak's special world, and dance and reflect, laugh or cry along with them.

Characterization is wonderful: nobody could sit through this display of dramatic — and yet intensely human — virtuosity without being snared by its magic. The sweet-voiced Nancy Knowles never fails to charm. Her singing is mellifluous and pure; the emotions she expresses are penetrating. On opening we see her carding wool and hauntingly singing "Je Fille Quant Dieu,"



Steve Yakutis, Nancy Knowles, and Frank Wallace star in LiveOak and Company's production of the fable *The Lost Spindle*.

dating from 1545. A dilemma — how to play the flute while wearing a mask — is neatly solved by hanging her face on the back of Steve Yakutis' head. The character it depicts remains fully alive there, while a flute tune deliciously issues forth.

Yakutis wears several faces, and steps from persona to persona with aplomb.

Sporting an especially horrific mask depicting Mama (a really evil-looking old crone), and adopting the necessarily exaggerated gestures of *Commedia dell'Arte*, he paints deep colors for the audience's imagination to absorb and elaborate. Yakutis also depicts a truly brutish Toribio, swaggering about with his money bag, and

with a large pink baseball bat bopping Ursula to death.

There is a lovely scene before this happens, in which Ursula uses her shawl as a torreador's cloth in an attempt to fool Toribio in his bullish charges.

Wallace has a voice of nectar — passionate and honest — and there were many moments when he was intensely moving. *Desposaste Os, Senora*, a jealous lament, was one of several numbers which contained much deeply heartfelt singing.

Act II ended with the beautiful and also biting harmonies of *Digas tu*, "Tell us, Love, about deceit." Act III began with the singers in the galleries, their voices reverberating splendidly in the receptive acoustics of the Fogg Museum. Darkness is heralded by a mystic bluish light, and LiveOak's music took on its greatest concentration — and powers of poetry — in the stillness of a most romantic night. Knowles and Wallace both sang with great sensuality here, Ursula's heart engaging with Juan's as did both their hearts with those of ours, the fortunate audience.

The last scene of all is also the most touching. Here Ursula is dead, her maiden's face replaced with a death mask held high, heavenwards. *Ay! Linda Amiga*, "Ah, beautiful friend whom I shall never see again," Wallace sings with a plaintive sorrow. The atmosphere is very serious, Wallace's tone tragic, but the ending of the show leaves the audience spiritually refreshed; renewed as well as entertained.

LiveOak is recording *The Lost Spindle* and other music for Titanic Records, and it is to be hoped that we will also see them more often in Boston-area performances. Their unusual ability to simultaneously bring early music to life and provide performances on a level of drama rarely matched on any theatrical or opera stage, should be brought before a larger audience. They would be a smash hit on the early music series of the Museum of Fine Arts, for example, or as part of the many other early music activities that take place in Boston.

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five miles beneath
the ocean surface,
where the pressure can crush you,
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And your worst nightmare...
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The Technology and Culture Seminar at MIT presents a public forum on

BAD NEWS for GOOD OZONE

Ambassador Richard Benedick
Senior Fellow
The Conservation Foundation

◆
Professor Ronald Prinn
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TUESDAY, MARCH 14 ■ 9-150, 4:00 pm

Informal Supper and Discussion to Follow

BENJAMIN FRANKLIN

A Joint Program in English of the Ecole Centrale, HEC
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Paris Summer Program in English June 18 — July 21, 1989

A program for North American graduate students in business,
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European Strategic Issues in the Year 2000:

*A window onto the economic, technological, and political
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The program consists of a 5 week intensive course, emphasizing this year the sectors of Aerospace, Aeronautics, Computer Science and Telecommunications.

Students study through lectures, workshops, conferences, case studies and personal research, the major characteristics of commerce, industry, technology, and political life in the EEC and its member countries, with a particular accent on the effects of the 1992 Unified Market.

A personal research project is to be completed by each student for oral presentation before a jury who awards the Benjamin Franklin Program Diploma.

- **Human Resources** A historical perspective
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The industrial context
The integration of
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Strategies to gain access to
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Research and development
- **Finance** An overview
The European dimension
The worldwide role of
European financial capitals
- **Commerce and Marketing:** An overview
Market development
- **Integration of international differences:** Synthesis

THE CULTURAL EVENTS

Students are officially invited to the French Revolution Bicentennial celebrations (Bastille Day Parade . . .), and will spend a weekend in Avignon during the Theater Festival.

THE SPONSORING COMPANIES

The Benjamin Franklin Program is sponsored by Major European Companies who form an advisory board:

Louis-Vuitton — Moët Hennessy, Bull, IBM, Matra, Thomson, Credit Commercial de France, Aerospatiale, Pechiney, Credit Lyonnais.

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- IBM's Brussels headquarters
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- AIRBUS headquarters in Toulouse
- Conference on board TGV (French Fast train)
- Visit to EEC headquarters in Brussels, etc.

THE INTERSHIPS

A special aspect of the Benjamin Franklin Program is the variety of internships offered to students, to be negotiated between the advisory board and applicants.

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American Guest Professors will participate in the evaluating jury.

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Cost: US \$3,800 including tuition, air fare Paris/NY/Paris, housing, meals (breakfast and lunch)

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Write:

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75341 Paris Cedex 07 FRANCE

Call collect:

(33) (1) 45 49 50 67
ask for Liza Bernstein

Application deadline April 15, 1989.

Undergraduate Association 1989-90 Elections

A supplement to *The Tech*

REFERENDA

The following referendum questions will appear on Wednesday's ballot. The first two referenda are binding on the Undergraduate Association.

Graduation Pledge

I. Do you favor the distribution of a personal pledge at the MIT Commencement Ceremony which would be handed out with the graduation diploma and signed at the discretion of the student?

The pledge would read: "I pledge to investigate thoroughly and weigh the social and environmental consequences of any professional activity that I may undertake."

Choose one: Yes No

Pass/Fail

II. The current Pass/No-Record grading system for second term freshman year has a positive or negative effect on the undergraduate MIT experience in general.

Choose one: Positive Negative No opinion

Pass/Fail

III. Which of the following grading systems do you prefer:

1. Pass/No-Record grading for first term freshman year. Seven Pass/No-Credit courses, to be used **one per term (non-cumulative)** only for each of the seven terms after first term freshman year. Two of these courses may be used for humanities subjects, two for science distribution or science core subjects, and one for a subject in the departmental program.

2. Pass/No-Record grading for first term freshman year. Seven Pass/No-Credit courses to be used **freely at any time** after first term freshman year. Two of these courses may be used for humanities subjects, two for science distribution or science core subjects, and one for a subject in the departmental program. For any term in which two or more Pass/No-Credit courses are taken, a **credit limit** of 51 units will be imposed.

3. Pass/No-Record grading for both first and second term freshman year. Two Pass/Fail unrestrictive electives to be taken during the junior and/or the senior year.

4. Other. (Please specify.)

5. No opinion.

WHERE, WHEN TO VOTE

Polls are open from 8:00 a.m. to 6 p.m. in Lobby 10, Theta Chi, Walker Memorial, and Lobdell, on Wednesday, March 15.

PREFERENTIAL BALLOTING

Preferential voting is a system whereby the second, third, etc., preferences of a voter can be taken into consideration if his favorite candidate is eliminated from consideration. Voters are instructed to indicate their first preference, second preference, etc., on their ballots.

Ballots are sorted by first choices. If no candidate has received a simple majority, the ballots of the weakest candidate are resorted according to the second preference indicated. Ballots with no second preference listed are thrown out.

If after this sort, no candidate has a simple majority, the process continues; each time the smallest pile is redistributed according to the next lower indicated choice.

It is important to remember: Your first candidate's chances are not affected when you indicate subsequent choices. The subsequent choices will only be examined if your favorite has been eliminated.

This system is being used in the Class Officer elections involving more than two candidates.

WRITE-IN CANDIDATES

Voters are not restricted to choose among candidates listed on the ballot. A voter may write on the ballot the name of any undergraduate. A write-in candidate must receive at least five percent of the votes cast to be elected.

Any student is eligible for election to an office. The Election Commission requires a write-in candidate to sign a statement, before taking office, showing he promises to fulfill the duties of his job.

Write-in candidates' statements are not presented here.

In the event that no candidate receives five percent of the vote, the elected members of the new class councils will be responsible for selecting a student to fill the vacant position.

The *Tech* produced this annual election supplement in conjunction with the Undergraduate Association. The statements contained are the opinions of the candidates and are not those of *The Tech* or the Undergraduate Association. All statements are printed verbatim.

Design and Layout: Mark Kantrowitz '89.

Photography: Lisette W.M. Lambregts '90.

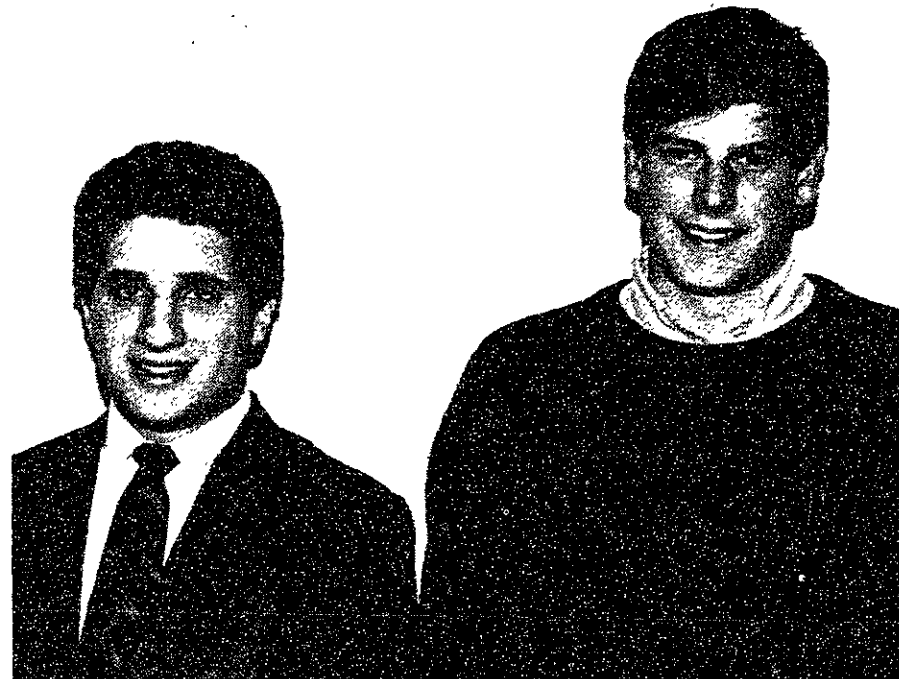
Election Commission: Rahul Shah '92, Chair; Vanessa Brown '92; Alan Davidson '89; Dean Miller '91; Manuel Rodriguez '89.

Undergraduate Association President/Vice President

Paul Antico and Andrew Strehle

Throughout the last few years the UA has become a more active channel between undergraduates and the MIT administration. At the same time, we feel that the resources of the UA can be directed more effectively. Our new perspective centers around working not only for undergraduates, but actively with students to better achieve the goals of the student body.

We are well prepared to address the issues which will arise during our term. A central concern involves the inadequate availability of funding for student activities. We seek to work with the MIT administration to make fundraising a more realistic and profitable way to generate funds for student activities. We plan to use all our available resources, including door-to-door canvassing, to increase student awareness and to gather student opinion. We will en-



sure that student opinion isn't just filed away in reports, but expressed in all our efforts. We want to increase communication between the UA, students, and the MIT administration. We are currently seeking student input to more effectively address IAP

policy, the pass/fail issue, and housing policy among other issues. We sincerely feel that our leadership and success individually and as a team shows that we are capable of fulfilling our promises and effectively representing the student body.

Adam Braff and Shawn Mastrian

Despite all appearances to the contrary, we are actually quite competent and more than willing to make the necessary commitments if elected. We simply feel that the UA has been run by the same people for far too long and, therefore, has lost touch with the diverse needs of our student body. What also separates us from our opponents is our unique commitment toward making MIT less unbearable through the preservation of pass/fail grading, an alcohol policy which respects us as mature adults, and a reassessment of ARA services and policies. Thank you.



Luisa Contreiras and Dave Atkins

As UA President and Vice-President, we will work to achieve the following goals:

I. Educational Reform

We propose immediate implementation of a system to monitor the quality of teaching at MIT and ensure student's opinions are heard. Course Evaluation Guide would perform a full evaluation every term. A report would automatically be issued listing all professors whose ratings fell below an acceptable level and all classes whose advertised credit load was exceeded. This report would be made public every term, along with a history to show improvements over time and reward for exceptional teaching.

II. Student Endowment

While we pay one of the highest tuitions in the country, students lack basic funds for activities and events. Through an endowment, funding needs could be met for years to come by the interest earned from a major fundraising drive. Students would not have to rely on



discretionary Institute funds or the current Dean's office allocation, but would find a student-administered fund capable of meeting their needs.

III. Community

MIT's greatest strength is its emphasis on individual achievement and autonomy. In times of crisis though, we all too often find ourselves as isolated island, fighting battles on other peo-

ple's terms. Our greatest challenge will be to build bridges, recognizing the need to preserve the individual strengths of the living groups, but providing a forum and a means for students to address issues like the proposed demise of pass/fail, the possibility of freshman dorms, and threats of higher tuition increases.

It's time to get things done!

Class of 1989

President

Carissa Climaco

Although there exists no written definition of the roles of permanent class officers, it is understood that they are elected to help strengthen the ties between the class and MIT and the Alumni Association. The most common way to accomplish this is by encouraging class members to keep in touch with the class secretary, who in turn publishes class news in "Technology Review," the magazine of the MIT Alumni Association. The permanent class officers also organize the 5-year class reunion.

This year's class council has been very busy organizing Senior Week and Senior Gift, and we've also been working to make future class councils more efficient. We started the Commencement Speaker selection process last spring to help alleviate the Commencement Committee's duties last fall. Past classes blocked hotel rooms for parents at Commencement on a yearly basis; this year we negotiated hotel space for the next five years to give future classes a better deal. The class council has also worked at bettering the relationship between the Alumni Association and the undergraduate classes by helping form an advisory to class councils from within the Alumni Association. These efforts have put the class council on good terms with the Alumni Association and other MIT offices helpful

Darian C. Hendricks

As Class of 1989 Alumni President, I will immediately pursue the development of a strong financial base for our class. The reasoning for such an endeavor is to provide significant funding for class reunions and social activities. It is important that our class maintain and fortify ties created during our last four years and begin to extend those ties with those we have not had a chance to be acquainted. As your President, I will ensure that I maintain an informative resource on where everyone is and what they are doing. Together we can build a strong network for employment opportunities and information gathering.

My emphasis for the next five years is to begin planning an unforgettable five year reunion, incorporating all your ideas, and facilitating the ties of friendship that have been made and will be made through a common center of information that will always be accessible and

Vice President

David Duis

I have been involved with the Class Council since the term I arrived, and find it a very enjoyable and rewarding experience. In the past term I helped organize and promote the very successful Senior Class Career Fair, which helped make our Class' Senior Week a reality despite our low profit from the Donut Stand.

I hope to continue working for the Class, by helping to organize the Five Year Reunion, and working to make our class a powerful member of the Alumni Organization. I've gotten a lot out of my time at the Institute and hope to contribute in return.

Secretary

Henry Houh

I have enjoyed working on the Class Council this past year. I've met a lot of new people and have worked with a fun, dedicated bunch. We've accomplished a lot over the past year, including bringing you Junior/Senior Pub/Mr. MIT, continuing to bring you Santa Grams, and having study breaks. However, the past year also had its share of financial worries.

We realized last year that with Donut Stand sales being eroded by competition from ARA, a very large fundraiser was needed. So, as a service to the class and as a fundraiser, the council decided to host a Career Fair to be held during the fall, which I coordinated. We were able to receive 29 companies and over 600 students at the fair. This was a success not only for the companies and students, but for our Class activity funds. By raising over \$5,500 through this event, the



to classes planning events and reunions.

As class president, I've overseen these activities, and I would like to continue working for the class and the Alumni Association as permanent class president. My goals for the permanent class council include not only planning the 5-year reunion and publicizing the class secretary's address, but also to help the Alumni Association complete a handbook for current and future permanent class officers of alumni classes. While most graduates will form a network amongst their friends, I feel it will be important to introduce the Class of 1989 to MIT Alumni Clubs around the world to further strengthen the ties between our class and MIT.



up-to-date.

I am committed to this challenge and determined to live up to your expectations of a Class President. We are a talented class and we have a lot to give to each other and the Institute. I would like to be the coordinator of these efforts.



amount of money available for our Senior Week was more than doubled!

It has been a pleasure working for the Senior Class, and I hope to be able to serve this upcoming five year term as Class Secretary.

Member at Large

Laura E. Brauer

I worked on the Senior Week Committee and want to continue helping to plan future class of 89 events. As class of 89 Member at Large, my main responsibility will be to help plan class reunions. I know it's hard to think about reunions when we haven't even graduated yet, but before you know it, five years will have gone by. I want to help make our reunions fun (a great time to get together with old friends).



Christine Le Viness

Hi! I'm Christine Le Viness and I hope to be Member at Large of the Class of 1989. My four years at MIT have been a great experience largely because of my active involvement in a great variety of activities. Some of the many activities which have enriched my years at MIT have been membership in Alpha Chi Omega, playing varsity field hockey, and participating in the associate advising program. My involvement in these activities has enabled me to form many great friendships which I plan to maintain after graduation. I'd be really excited to be a Member at Large because it would allow me to continue my involvement in MIT activities after graduation. In my position as Member at Large of the Class of 1989 I would be involved in the planning of the class reunion which will occur in June 1994. This would be very exciting and rewarding as it would allow me



to keep in touch with former classmates and also enable me to play an active role in renewing ties of other members of the class of 1989. I hope you will all give me the opportunity to do this by voting for me on March 15. Thank you.

Class of 1990

President

Joseph Babiec

I'm sure we all remember how exciting and promising our class and its government was back during our freshman year. During our junior year, many of us became disappointed and disillusioned with what our class could accomplish and even where it was going. Our senior year must not be that way. We all deserve to have a strong and united class behind us as we make decisions about our futures and prepare for our Senior Week and Graduation. This will require three things from our next class president:

1. Open, honest, and frequent communication with every member of the class to keep us abreast of plans, opportunities, and accomplishments.
2. Creative and aggressive fund-raising to endow our class with the means to realize our plans and goals.
3. A serious effort to involve as many members of our class as possible in our activities, both at the planning stage and the final result.

I would like to see our class provide us with a career fair in the fall, publish a class resume book, sponsor fall and



spring socials to bring us back together as a class, and finish our MIT careers with a senior week we will all be proud of. This won't happen with our present leadership and direction. It's time for us to return to our better days and to have a president committed to the three seemingly obvious, but often forgotten, goals above. I would like to be that person and to really work with you to restore our class. Thanks.

Julie Kim

My name is Julie Kim and I am running for Class President. I have been an integral part of class council since my freshman year. This past year I have served as our Class President. Our class has not been as active as I had wanted it to be due to low funds. Therefore, my main concern for next year is to raise money. For this purpose, I have been working on an Oct '89 career fair to help fund our Senior events.

With our funds, I have the following plans for the future:

- 1) New Class T-shirts by the end of March.
- 2) Easter Egg Hunt the week before Spring Break — find an easter egg and win a class sweatshirt.
- 3) Semiformal first weekend of May with faculty and local alumni invited with a cocktail hour.
- 4) Red Sox game the first week back from summer.
- 5) Ice Skating party in late November/early December.
- 6) Class Spirit Days — Walk down infi-



nite corridor, show us your Brass Rat, and receive a free treat.

7) Senior Week and Commencement!!!
When we came in our freshman year, we were one of the most creative, energetic, and enthusiastic classes MIT had ever seen! Let's keep this up! I am excited about making our Senior year a memorable!!

Class of 1991

President

Patrick M. Gannon

I will bring my leadership skills and class council experience to the office of President of the Class of 1991. Experience and leadership will be especially important during the upcoming term because the issue we are facing are very important to the success of the class. Just as an example, the fundraising for our senior week will be organized and decided upon during the next term. I am interested in the concerns of the entire class, so I will invite all sophomores to attend class council meetings and/or contact me with their ideas and concerns. I will work with the council to make the best possible decisions on matters that concern our class and the entire MIT



community.

Brian Katz

Having participated in class council, I have seen many areas in which it could be improved. I would like to see class council become more cohesive with a greater student involvement, and the class become more unified. In order to achieve this goal, I would plan more of the popular events such as a cruise every fall and a picnic or a barbecue every term. I would introduce new social events that will work, such as going to a Red Sox game as a class.

I would like to bring back the class involvement in the community service such as fund raising for needy children at Christmas time which we did in Freshman year. Next Halloween we could visit and orphanage.

I have experience with Class Council, and am currently a member of Ring Committee. I am also a member of the



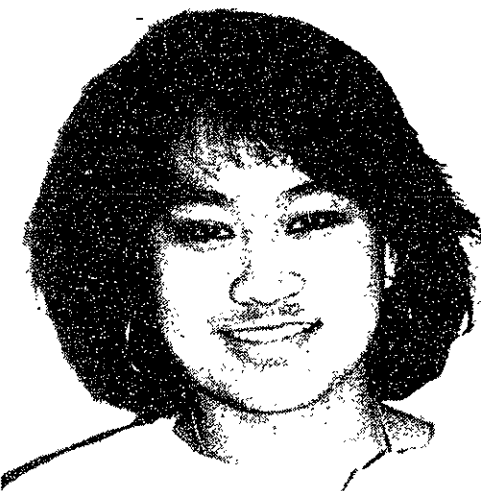
Steering Committee for Project Contact, and a member of the International R/O Committee. This background will help me succeed as President of the class of 1991.

Aimee C. Quijano

Having been an active member of the class of 1991 council since Freshman year, I've seen the strengths and weaknesses of the past administration. This year, I intend to use this valuable experience and knowledge as an effective, enthusiastic, and dedicated leader to propel the class towards its goals. And these goals, I believe, are simple yet noble.

- 1) To create the sense of unity among ALL members of the class of 1991.
- 2) To be a strong and active voice in the MIT community.
- 3) To make council a vehicle for the class.

I intend to achieve these goals by listening to you, the class of 1991 members. Your opinion will dictate the direc-



tion of the council and I will carry it out as efficiently as possible.

John Stephens

I am running for President of the Class of 1991 because our class is coming to a critical junction in our stay at MIT. Over the next two years, the class council has the charge to raise money for an plan the final grand social event for the class, Senior Week, as well as raise money to leave a gift to our alma mater. The class council can do this with the support of all the members of our class; however, our class will not support the council if they feel it is not working efficiently.

The class council needs leadership to bring back the excitement which accompanied the initiation of the Freshman Council in September of 1987. Since then, I have seen the energy slowly drain from council members as the council began to accomplish fewer things and set



lower goals. We must revitalize the class council and as President, I will do all in my power to get the council moving again.

Class of 1990

President

Pamela C. Barrett

Organizing an exciting Senior Week, raising funds with a fantastic career fair, creating class spirit and unity, and finding a class gift that shows our class's adventuresome personality are my goals as President of the class of 1990. I am proud to be a member of the MIT class of 1990 and hope you'll vote for me as your President.



Vice President

Stacy A. Segal

Do you want a meaningful class gift, a fun senior week, and a commencement to remember? This is a campaign promise that I can fulfill. I CAN help make our senior year our strongest yet. I have lots of ideas and I'm willing to act on them.



Treasurer

Humphrey D. Chen

As your Class Treasurer, I'll not only satisfy your needs and wants but I'll go above and beyond them. I'll give it my best shot. What's my best shot? Well, how about a class of '90 flea market sale. The perfect opportunity to sell all that junk you've accumulated during the past couple of years. Of course non-class members can join, but for a fee of course. Class money is OUR money, it would never be my money. I'll make sure that WE spend it wisely but don't worry, I'll make sure we make plenty more. You can count on me.



Social Chair

William Botti

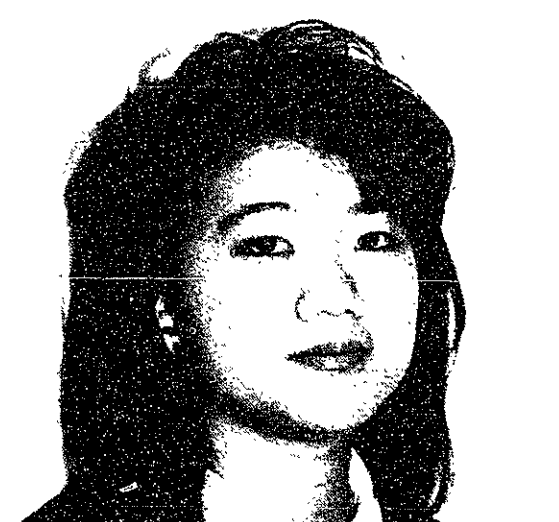
As your social chairpeople for the class of 1990, Priti and I plan to continue being social. We'll make drop posters, have study breaks, and plan a kick-ass Senior Week.



Vice President

Judy Chen

I decided to run for the office of vice-president of the class of 1991 after listening to fellow sophomores express discontent with what the Undergraduate Association has done so far. I feel that I am qualified for this job because I have already had extensive experience in school government in high school. I was class secretary during my freshman year, class treasurer my sophomore year and class vice-president my junior year. During my senior year, I was vice-president of the entire high school. If I am elected to be your vice-president, I will bring in new ideas and implement the needed changes that will be beneficial to you. Thanks for your support!



Pete O'Neill



Social Chairs

Rachel Wilks and Dawn Mitzner

Secretary

Amy Thorsen

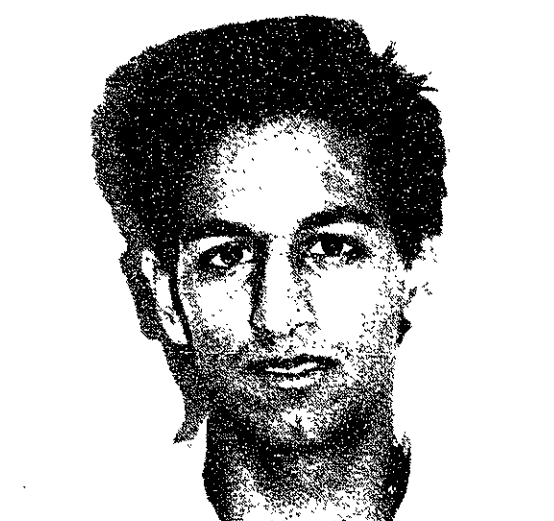
If re-elected as Secretary of the Class of 1991, I would continue to encourage more class participation and campus-wide communication. Besides fulfilling my duties as secretary, I would also continue to be involved with organizing class fundraisers and events, and represent my class on the UA Council to my best ability.



Treasurer

Manish Bapna

If elected to the office of Treasurer for the Class of 1991, I promise to fulfill all responsibilities of my office as listed in the Undergraduate Association Constitution. My main goal will be to bring the government to the people. Only then will we be of service to you; and only then will we satisfy our obligations to you.



Publicity Chair

Orlando Martinez

Class of 1992

President

Aileen Lee

When I first ran for office in September, I felt class council should have two main functions; one to get the class together socially, and another to help freshmen have more interaction with the MIT community.

As president this past term, I have retained these same two aims. The class of '92 council has organized events, like Tosci's study breaks and the Semi-Formal that work to create a closer, stronger class. We've sold T-shirts and are looking forward to selling boxers, which will promote a class identity and also add to our treasury.

The council has created a community service drive project with the Center for Community Service, and to encourage alumni relations, the class of '92 will adopt the class of '67 as our "big brother" class this year. This has never been done before at MIT. Members of the class of '67 will come back to speak on choosing majors, careers, and gaining summer employment. In return, we will help them with their 25th reunion during our senior year.

During the five short months I have been president, I have learned not only how MIT and class council operate, but



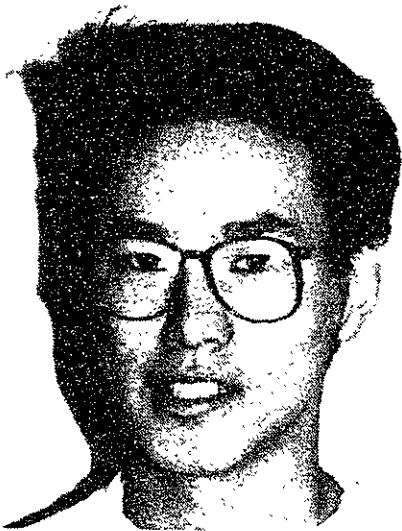
how to be a better leader. Being a great leader is vital to the success of our council; being able to manage meetings, delegate to officers and generate support for programs. It also entails being a spokesperson for our class and working with other groups to achieve success.

My past record demonstrates my commitment to the responsibilities of being class president and my ability to initiate activity. In the next year, the council will benefit from my efforts and ideas. I hope you will support my candidacy and let me build upon my past achievements.

Vice President

Mitchell C. H. Liu

See statement of Rizwan Virk this page.



John R. Welch

Hi! Let me introduce myself - As it says above, my name is John Welch. I come from Agawam, Massachusetts, a medium-sized town in the Western part of this state. One of the things I've always liked to do is organize and participate in class activities. This is why I want to represent the Class of '92 as Vice President. I'll enjoy planning events which I'm sure will get our class together and be lots of fun. I'm good at working with other people, such as the soon-to-be-elected officers and MIT's bureaucracy, so give me a change and I'll see that we have an awesome year. Enjoy Pass/Fail while it lasts!!!



Secretary

Arvind Lakshminarayana

Student government is a great thing, especially at MIT. MIT is one of the few schools which offers anyone with desire and imagination an opportunity to do whatever he/she wants. In most schools, a few years need to be spent climbing the ladder, eventually reaching a position of leadership in your junior or senior year. Luckily, this is not the case at MIT.

During high school, I was very involved in student government. This experience was very rewarding and an integral part of my secondary education. I served as secretary, vice-president, chaired several committees and formed another. I am hard-working and imaginative. If given the position of secretary, I will work hard for the benefits of the class of 1992.



Celia H. Liu

I feel that I can be an asset to our class council in the position of Secretary not only because I've had much experience in this area but also because I've been an active voice in the discussions of issues on our campus. I am aware of the responsibilities that accompany this position and am prepared to strive to achieve our goals as a class.

I hope you have just as much confidence in my abilities, and I would greatly appreciate your vote.



Rizwan Virk

Now is the time to make a change! The class of '92 is the most diverse in MIT history. We deserve the best. My campaign wants to take the class government to the people; we will do this through:

1. Informal organization built on representatives from living groups who talk to classmates and provide feedback. No events will be planned without having an input from a majority of the class members.
2. Personal contact with class members - availability and receptivity on the part of the class officers.
3. Sure-fire publicity for class events.

We want to create spirit and class unity by:

1. Restructuring class meetings so that people will want to attend and
2. Planning events that are more than just social events, ie:
 - symposiums on time management

Treasurer

Denise Purdie

If elected to the office of Treasurer of the Class of 1992, I will attempt to fulfill several goals. I hope to contribute my knowledge gained from past experience to ensure the financial affairs of our class run smoothly. It is important that our fund-raisers are well thought out and our money well spent. I hope to be a participating member of the council, taking part in general council decisions, representing opinions of the student body, as well as managing our money. I see class council as an important means to create class unity while accepting the diversity of interests of class members. I have high hopes for the coming year.



and useful skills

- class hacks, class trips
- service projects, etc.

These are ambitious goals and only through creative leadership and cooperation among the class officers can we turn our goals into reality. Teamwork.

Peter Wainman

I see the freshman class treasurer fulfilling three goals in the coming year. The first, as chief financial officer of the freshman class, I would like to put the freshman class on a sound financial base as soon as possible. Second, as a member of the freshman executive body, I would like to help foster relations among the freshman class that might otherwise have been unexplored. To this end, I am interested in helping to develop a series of social and community events that will foster a unique class identity. Third, I would like to contribute to the freshman class's understanding of the opportunities of the Undergraduate Association

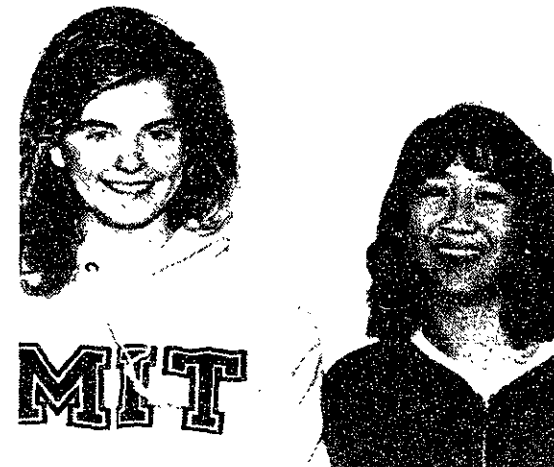


and student government in general.

Social Chairs

Rebecca Niles and Peggy Hsieh

As social chair, we plan to push for a wide variety of activities for the class of '92 during our one year term of office. These activities might include picnics, a boat cruise, study breaks or an activity with our brother class of '67, as well as many unique ideas that are in our minds for Spring and Fall Weekend. We also plan to send out a questionnaire to all member of the class of '92 in order to obtain your input about ideas for social events. In order to provide inexpensive social activities, we plan to push for more fundraising activities, such as sell-



ing class boxer shorts or having a hugging booth.

Jenny Rigney and Eva Regnier

We may not be serious, but we're competent! And maybe silliness is necessary for a social chair - we're willing to find out. We want

1. Better publicity
2. Better participation (especially from Greeks)
3. More fun
4. World Peace
5. Belgian chocolate and a cleaner environment
6. To know what the rest of the class really wants to do



7. A whole lot of money
8. Social events with the other classes.

ARTS

Standards best for MIT Symphony; H & H Society mediocre**MIT SYMPHONY ORCHESTRA**

Conducted by David Epstein.
Paulina Stark and Jill Wilson, soloists.
Works by David Epstein, Edward Cohen,
Beethoven and Ravel.
Kresge Auditorium, Saturday, March 11.

HANDEL & HAYDN SOCIETY

Conducted by Jeffrey Rink,
Jeffrey Kahane, piano soloist.
Program of works by
Sibelius, Beethoven,
Copland and Mendelssohn.
Symphony Hall, March 10 & 12.

By JONATHAN RICHMOND

IT WAS A CONCERT where the tried and tested came out the best. MIT Symphony Orchestra conductor David Epstein led the orchestra in some of their most disciplined, but also most expressive playing in the two outer works on the program, Beethoven's *Egmont Overture* and Ravel's *La Valse*. But neither of the two contemporary works which filled this sandwich provided much satisfaction.

Epstein is a composer as well as a conductor, and for the first of their modern works, the orchestra performed Epstein's *Four Songs: A Cycle for Soprano, Solo French Horn and String Orchestra*. The third song, set to words by Gerard Manley Hopkins — as are the first two — was the only one which was successful on a musical level. It was only in this song that the words were illuminated with subtlety. Paulina Stark provided some beautifully lyrical singing here, and the horn part was skillfully scored to mesh with and support her voice. The Symphony strings played with sensitivity, setting the mood dramatically, and providing evocative textures of wistfulness.

The first two songs, in contrast, came off blandly. Epstein's music seemed disconnected from the texts, and there

seemed to be little rapport between solo parts or between the orchestra and the soloists. The vocal part seemed incapable of coloring the words, while interventions on the part of the horn were rather on the obvious side.

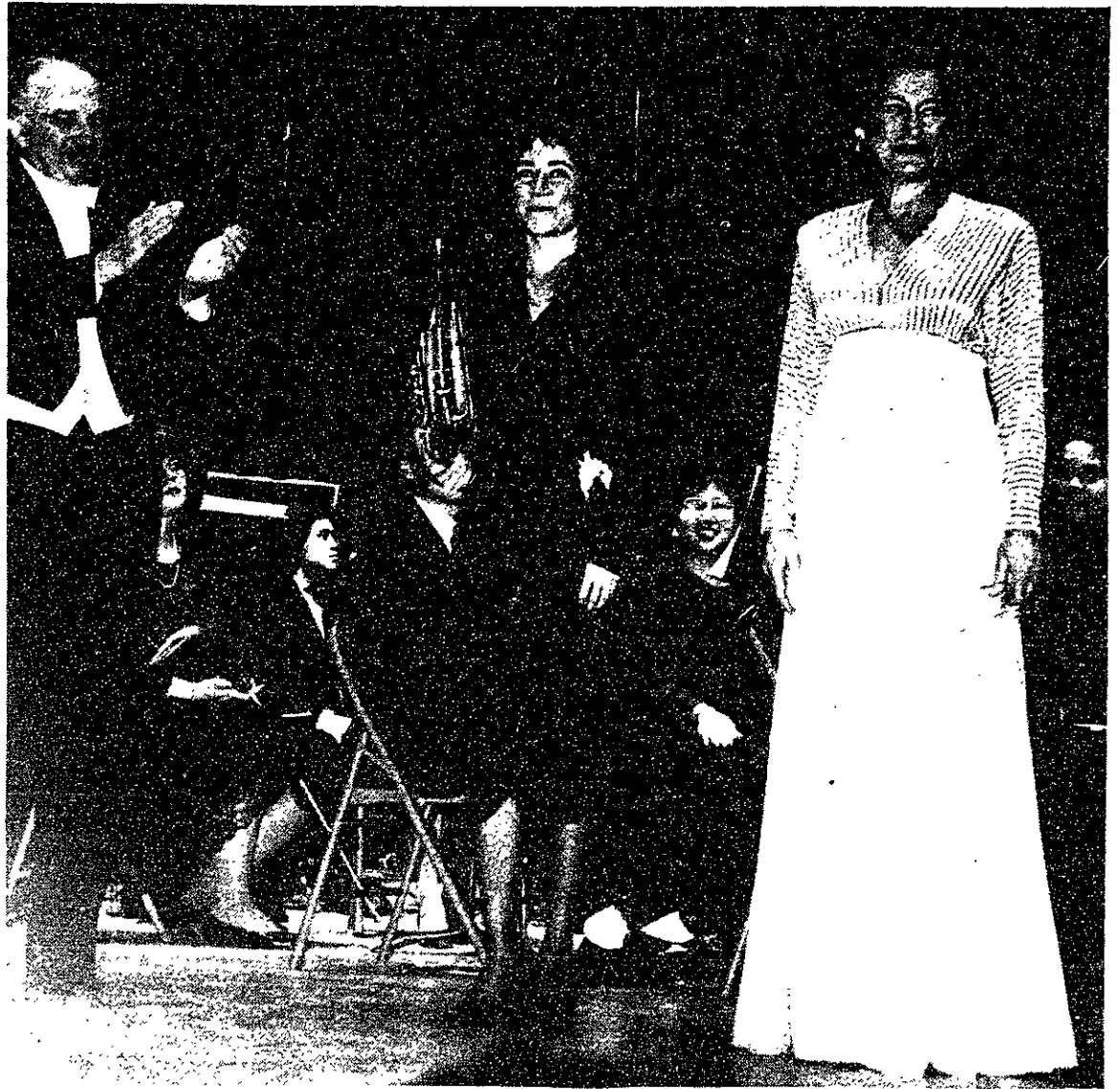
After an interlude for French Horn and Orchestra which seemed wholly out of place, the final song — "Ode to Sleep" — was performed. The music here was atmospheric but failed to reflect the profound inner world of Keats' poetry.

Stone and Earth by Edward Cohen had little more to offer. There was some interesting dark music written for the cellos, but the composition as a whole had few ideas to offer and quickly became monotonous, despite Paulina Stark's worthy attempts to make of it as much as possible.

The *Egmont Overture*, on the other hand, was where the orchestra really shone. Epstein has worked miracles in developing a strong sense of ensemble among his players, and nowhere has this been better shown than in the crisp, sharply-balanced playing he elicited from them here.

The opening struck home bold and clear, and Epstein built up an almost demonic drive from there on in. Phenomenal tensions were developed among the strings, and this was more than just well-organized playing: it was a performance with insight. Tempi were carefully judged to bring out the grandeur of the piece, and built towards producing a conclusion of extraordinary climactic intensity. This was a performance fit for Symphony Hall.

To end the concert, Ravel's *La Valse* was given a dramatic reading. Most surprisingly, the strings played with the right gestures to make them sound truly Viennese, something rarely achieved outside of Vienna. Each turn of phrase brought new pleasure; the whole had an inspired sense of lightness and was done with much wit, too.



Michael Franklin/The Tech

Conductor David Epstein applauds the performances of French horn player Jill Wilson and soprano Paulina Stark.

Contemporary works should be performed by the MIT Symphony Orchestra, and it is right to mix them with the better known compositions of the past. More care is needed, however, in selecting work which can engage the imagination of the audience, and attract it to trying out more modern music in the future.

hurriedly, without attending to their individual articulation, and at the brisk tempi at which Rink was taking the orchestra, this was perhaps not surprising.

As to the band, the strings sounded on the thin side and, despite some delightful woodwind textures emerging from time to time, orchestral sound lacked either clarity or elegance.

Kahane was playing a modern piano in an early Beethoven work where a strong case can be made for using a period instrument. Although the orchestra was also using modern instruments, the scaling seemed wrong, and there never seemed to be any meaningful rapport between ensemble and soloist.

Perversely, next season Melvyn Tan (why is Christopher Hogwood not inviting the infinitely more talented Steven Lubin?) will perform the "Emperor" concerto — the final of the piano concertos, and the one where the power of a modern piano can arguably make most sense — on a period instrument. Actually, it's possible to play both concertos well on both types of instruments, but this doesn't account for why H & H tried to feebly mimic what the modern-instrument BSO and concert-grand-playing-soloist can do better any night.

There were two other works on the program: Incidental Music to *Kuolema* by Sibelius and *Quiet City* by Copland. Both these performances were dull.

THE HANDEL & HAYDN SOCIETY provided another mostly mediocre concert last Friday night, but at least it ended well. Assistant Conductor Jeffrey Rink concluded the evening by leading H & H in a warm and well-balanced performance of Mendelssohn's *Symphony No. 4 in A, "Italian."* The orchestra played with a radiant gentleness and sweet lyricism. Each woodwind voice showed an individual identity, but meshed wonderfully into the the ensemble as a whole.

Some of the crescendi were weak, but that didn't seem to matter given the special intimate ambience H & H provided.

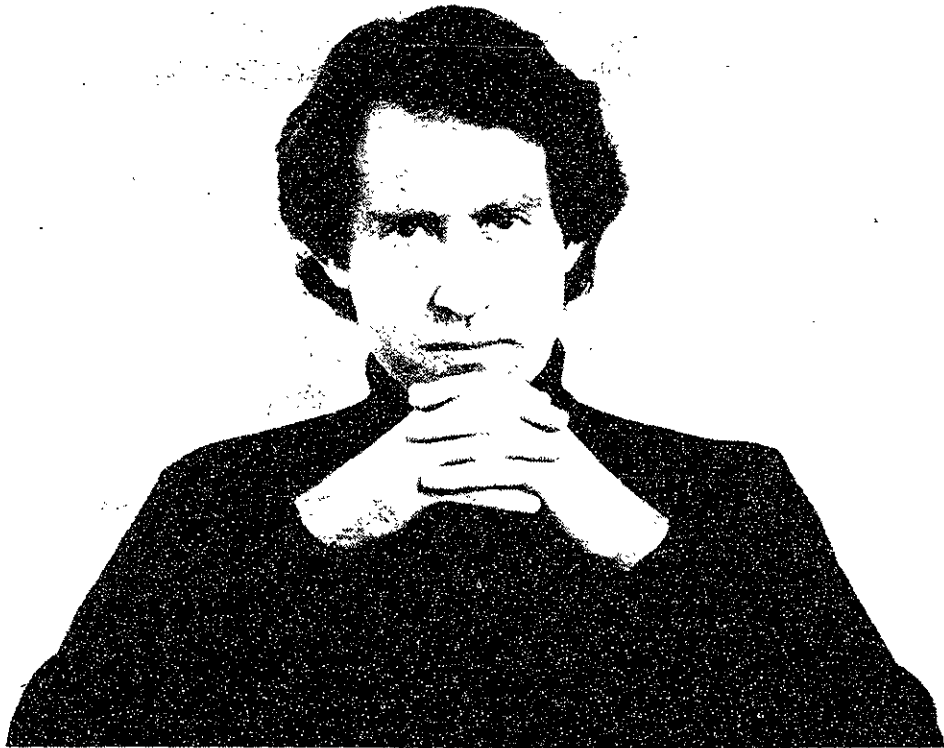
The rest of the concert had been a less happy experience. The Beethoven *Piano Concerto No. 1* with Jeffrey Kahane as soloist had been given only a bland treatment. Despite an impressive showing during the cadenza, and sensitive and thoughtful playing in the slow movement, Kahane seemed strained in the two outer movements, and his sound often came out muddily. Especially in the *Rondo; Allegro*, Kahane seemed wont to glide past notes

a piece of serious music, the concerto is trivial and pompous. For this reason it is difficult to critique the duo's interpretation of the piece. The work is for bassoon and orchestra but was arranged for bassoon and piano. Schwartz's playing was exaggerated, making the opening of the first movement sound like a scherzo, but it is hard to see if it is possible to do otherwise. Overall, the piece is tolerable as lightweight fluff, although Anderson's heavy tone was more suited to the other pieces than this one.

Worthy of note are the acoustics of Killian Hall. Both the cello and bassoon duo and piano and bassoon duo were

served well by the hall acoustics, both duos sounding loud, clear, and rich.

The program selection is to be commended as well. With the limited repertory for the bassoon, it is noteworthy that the program contained a cohesive selection of fine bassoon music. The hour was well spent listening to very talented performers playing interesting (with the exception of the Weber), not too serious music. If future Advanced Music Performance recitals, which take place every Friday noon at Killian Hall, have performers as good as last Friday, it is highly recommended to anyone with a free noon hour to go see them.



Pianist Jeffrey Kahane, who soloed with the Handel and Haydn Society last Friday and Sunday nights.

Talented Anderson performs best from bassoon's limited repertoire**ADVANCED MUSIC PERFORMANCE RECITAL**

Erika Anderson '91, bassoon.
With James McLaren G, cello
and Ronnie Schwartz, piano.
Works by Mozart, Dutilleux, and Weber.
Killian Hall, Friday, March 10.

By DAVID STERN

FRIDAY, ERIKA ANDERSON '91 GAVE A bassoon recital as part of the Advanced Music Performance Recital Series in Killian Hall. The 50-minute performance was, in addition to a display of Anderson's talents, a delightful musical diversion. Overall, her playing showed depth and very good technique. The program consisted of Mozart's *Sonata for Bassoon and Cello*, K. 292, Henri Dutilleux's *Sarabande et Cortège for Bassoon and Piano*, and Weber's *Concerto in F Major*, Op. 75.

The *Sonata for Bassoon and Cello* is a subtle piece which displays the delicate side of Mozart. The first movement shares its main theme with Mozart's *Concerto for Bassoon*, but develops it much more effectively. The second, *andante* movement, contains some of Mozart's most beautiful passages. Cellist James McLaren G's

sweet, rich tone perfectly complemented Anderson's playing in bringing out the delicacy of the music. The last movement was full of light humor reminiscent of Haydn. Anderson's playing was relaxed and confident, although she missed some of the subtleties of the piece. Except for a stumbled start at the first movement, the duo handled the piece well.

Sarabande et Cortège was a good change of pace from the first piece. An early work of Dutilleux (1942), it is heavily influenced by Ravel and the French impressionist school, yet has individual qualities that transcend its influences. The mysterious *Sarabande* contains haunting melodies which were handled superbly by Anderson's dark tone and restrained playing. Never resolving its mystery, the *Sarabande* is answered by the grotesque, tongue-in-cheek *Cortège*, for which Anderson's playing worked equally well. Ronnie Schwartz's piano playing was appropriately somber, but unfortunately overpowered Anderson at times.

The Weber concerto concentrates on displaying the soloist's technique, and as such, works fine. Anderson handled the fast scale passages flawlessly, although air leakage distracted from her performance at times. Unfortunately, rather than being

TO ALL MONTSERRAT CABALLE TICKET HOLDERS

The Tech Performing Arts Series regrets to announce that Montserrat Caballe has cancelled her March 19 recital due to illness. Tickets should please be returned to the TCA office for refund. Please note that refunds will not be available at Symphony Hall.

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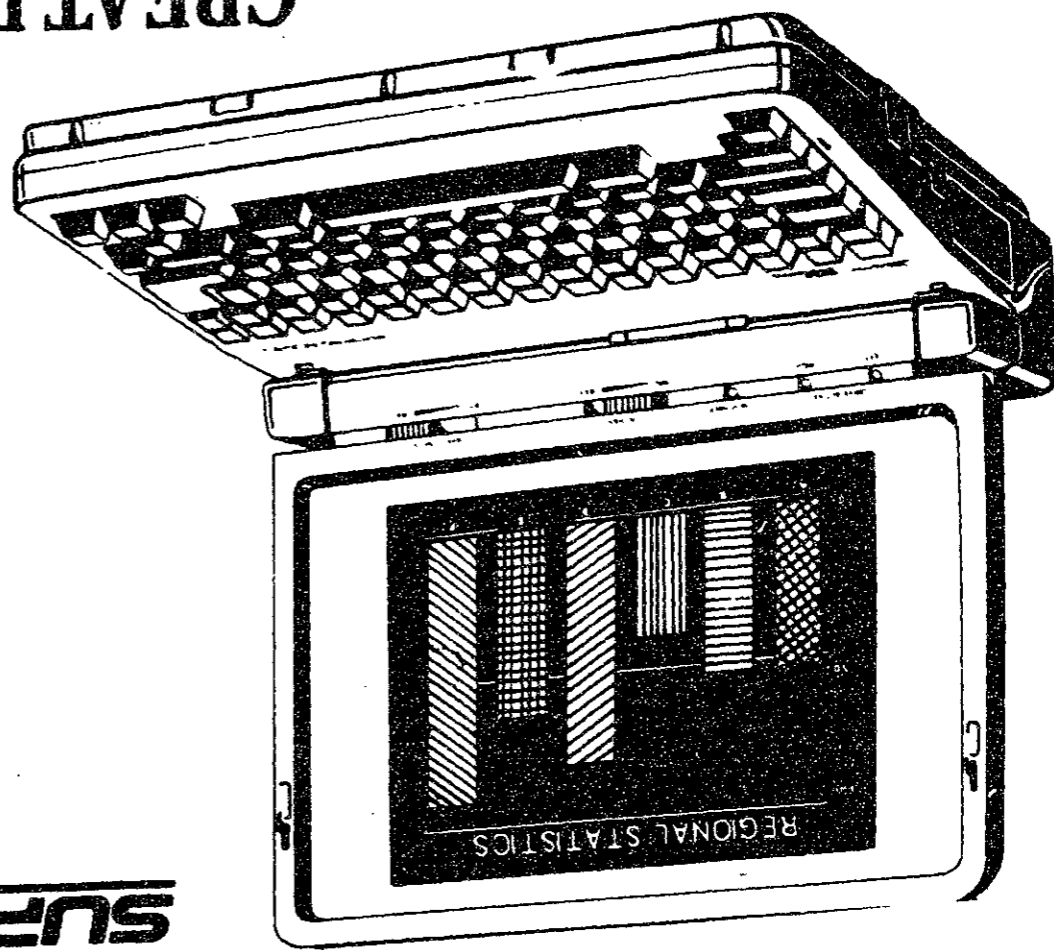
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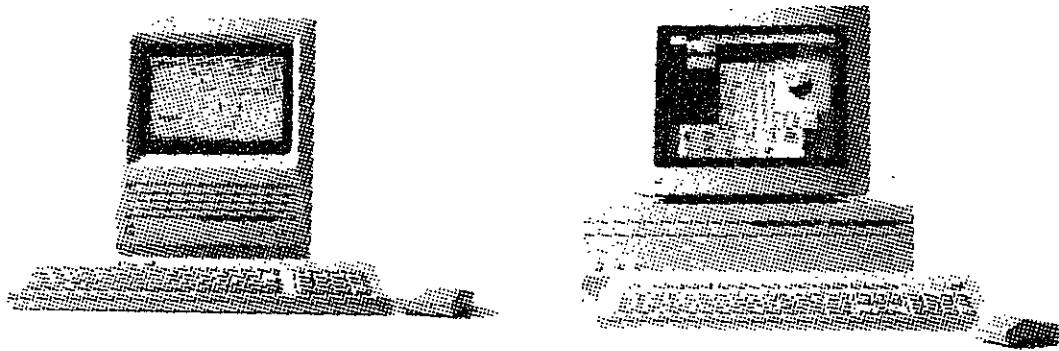
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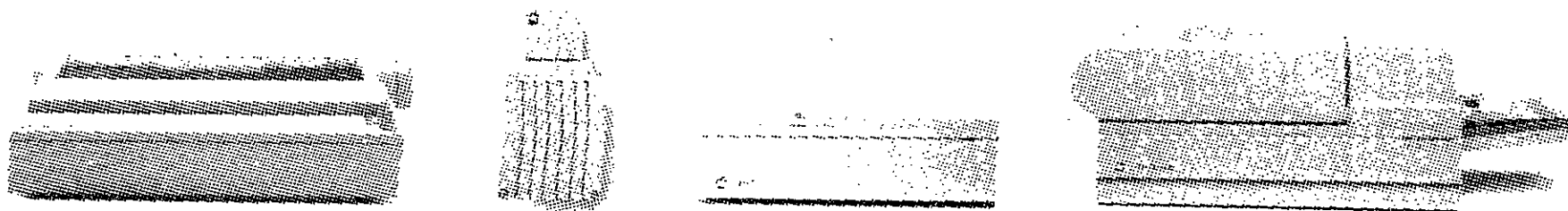
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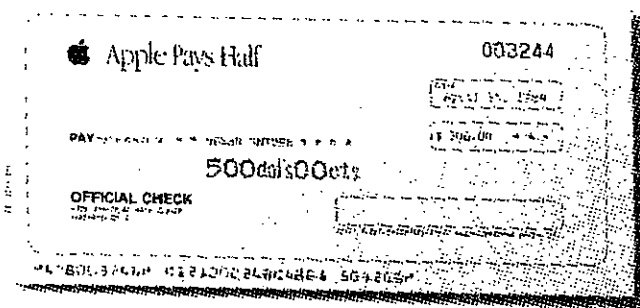
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ARTS

Saturday, Mar. 18

POPULAR MUSIC, ETC.

Barrence Whitfield and the Savages, The Matweeds, and Two Fisted-Tails perform at T.T. the Bear's, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

The Volcano Suns and Royal Trux perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

The Wolf-Tones perform in the Channel's 25th Anniversary Concert, 25 Necco Street, near South Station in downtown Boston. Tickets: \$20. Tel: 451-1905.

The Lonesome Strangers perform at Johnny D's, 17 Holland Street, Somerville, just by the Davis Square T-stop on the red line. Telephone: 776-9667.

Son Seals performs at 8 pm & 10 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Tickets: \$12.50. Telephone: 497-8200.

Livingston Taylor performs at 8 pm at the Somerville Theatre, 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Tickets: \$11.50 and \$13.50 advance, \$2 more day of show. Telephone: 625-1081.

CLASSICAL MUSIC

The Boston University Chorus with The BU Concert Choir performs works by Bach, Britten, Byrd, and Bernstein at 8 pm in Marsh Chapel, 735 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

FILM & VIDEO

The MIT Lecture Series Committee presents *Midnight Run* at 7 pm & 10 pm in 26-100. Admission: \$1.50. Telephone: 258-8881.

The MIT Women's Studies Program and the Cambridge Commission on the Status of Women present *Annapurna* and *The Flashettes* at 7 pm in MIT Room 66-110. Also presented Sunday, March 19. Telephone: 498-9014.

CRITIC'S CHOICE

The Brattle Theatre continues its Friday/Saturday film series *Reel Novels* with *Les Enfants Terribles* (Jean-Pierre Melville, 1960) at 4 pm & 8 pm and *The Earrings of Madame de...* (Max Ophüls, 1953) at 2 pm, 6 pm, & 10 pm. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

The Institute of Contemporary Art continues its series *The Cutting Edge: A World on Film with The Last of England* (Derek Jarman, 1987) at 9 pm. Also presented March 23 and 26 at 9 pm. Located at 955 Boylston Street, Boston. Tickets: \$4.50 general, \$3.50 ICA members, seniors, and students. Tel: 266-5151.

On The Town

Compiled by Peter Dunn

The Harvard Film Archive presents *A Tribute to Hollis Frampton (1931-1981)* with *Nostalgia* (1971), *Tiger Palm* (1972), and *Autumnal Equinox* (1974) at 7 pm and *A Tribute to Jim Blue (1930-1980)* with *The March on Washington* (1963) and *Les Oliviers de la Justice (Olive Trees of Justice, 1962)* at 9 pm. Located at the Carpenter Center for Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Tickets: \$3 general, \$2 seniors and children, \$5/\$4 for the double feature. Telephone: 495-4700.

The Boston Film/Video Foundation presents *Everyman for Himself (Slow Motion)* (Jean-Luc Godard, 1980) and *Cassis* (Jonas Mekas, 1966) at 8 pm. Located at 1126 Boylston Street, Boston. Tickets: \$5 general, \$4 BFV members, seniors, and students. Tel: 536-1540.

Sunday, Mar. 19

CLASSICAL MUSIC

The MIT Brass Ensemble performs at 3 pm in Kilian Hall, MIT Building 14. No admission charge. Tel: 253-2906.

Mexican Music of the 20th Century is presented at 8 pm in Houghton Memorial Chapel, Wellesley College. No admission charge. Telephone: 235-0320 ext. 2028.

CRITIC'S CHOICE

Fortepianist *Mary Sadovnikoff* performs *Music from the World of Goya*, works by Clementi, Dussek, and Haydn, at 3 pm in Remis Auditorium, Museum of Fine Arts, 465 Huntington Avenue, Boston. Tickets: \$12 general, \$10 MFA members, seniors, and students. Telephone: 267-9300 ext. 306.

CRITIC'S CHOICE

Harpicordist *John Gibbons* performs an all Bach program at 4 pm in Old South Church, 645 Boylston Street, Copley Square, Boston. No admission charge. Tel: 536-1970.

Mark Kroll, director, and Lola Odiga, harpsichord and fortepiano, perform in the *Early Music Series* at 8 pm at the Tsai Performance Center, Boston University, 685 Commonwealth Avenue, Boston. Tickets: \$7 general, \$3 seniors and students. Telephone: 353-3345.

Violinist *Richard Luby* and fortepianist *John van Buskirk* perform works by Beethoven and Schubert as part of the *Longy Guest Artist Series* at 3 pm in the Edward Pickman Concert Hall, Longy School of Music, Follen and Garden Streets, Cambridge. Admission: \$5. Telephone: 876-0956.

FILM & VIDEO

The MIT Lecture Series Committee presents *Repo Man* at 8 pm in 10-250. Admission: \$1.50. Telephone: 258-8881.

CRITIC'S CHOICE

The Harvard-Epworth Church presents Pier Paolo Pasolini's *The Gospel According to Matthew* (1964, Italy) at 8 pm. Located at 1555 Massachusetts Avenue, Cambridge, just north of Harvard Square. Admission: \$3 contribution. Telephone: 354-0837.

The Brattle Theatre continues its Sunday/Monday film series *Investigations in the Dark* with *Murder My Sweet* (Edward Dmytryk) at 2:00, 5:55, & 9:50 and *Billy Wilder's Double Indemnity* (1944) at 3:50 & 7:50. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

The Harvard Film Archive continues *A Tribute to Jim Blue* with *Les Oliviers de la Justice (Olive Trees of Justice, 1962)* and *The March on Washington* (1963) at 4:00, *A Tribute to Hollis Frampton* with *Zorns Lemma* (1970) and *Summer Solstice* (1974) at 7:00, and also *Sans Soleil* (Chris Marker, 1982, France) at 5:00 & 7:30. Located at the Carpenter Center for Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Tickets: \$3 general, \$2 seniors and children, \$5/\$4 for a double feature. Tel: 495-4700.

EXHIBITS

A Taste of Japan, demonstrations of calligraphy, sumi painting, origami, a tea ceremony, and other arts and crafts, is presented from 2 pm to 6 pm at Kaji Aso Studio, 40 St. Stephen Street, Boston. Admission: \$3 (\$5 additional for tea ceremony). Telephone: 247-1719.

COMEDY

ImprovBoston performs at 8 pm at Play it Again Sam's, 1314 Commonwealth Avenue, Brighton, on the Boston College green line. Performances continue every Sunday night. Tickets: \$5 general, \$3 students. Telephone: 576-2306.

Monday, Mar. 20

EXHIBITS

Photographs by Christopher J. Andrews and Jan Marie Hernandez, portraits and still lifes from the series "Light from Windows" and "Industrial Art," and color photographs of street life in Boston's Chinatown, opens today at the Wiesner Gallery, MIT Student Center. Continues through April 9. No admission charge. Opening reception today, 4-7 pm.

FILM & VIDEO

The Brattle Theatre continues its Sunday/Monday film series *Investigations in the Dark* with *Murder My Sweet* (Edward Dmytryk) at 5:55, & 9:50 and John Huston's *The Maltese Falcon* (1941) at 4:00 & 7:50. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

The Harvard Film Archive continues its Monday film series *Three Directors* with a Carl Theodor Dreyer double feature, *Day of Wrath* (1943, Denmark) at 5:30 and *The Word* (1955, Denmark) at 8:00. Located at the Carpenter Center for Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Tickets: \$3 general, \$2 seniors and children, \$5/\$4 for the double feature. Telephone: 495-4700.

Tuesday, Mar. 21

POPULAR MUSIC, ETC.

Bananarama performs at the Orpheum Theater, Hamilton Place, Boston. Tickets: \$17 and \$18. Telephone: 482-0650.

Bobcat Goldthwaite, *The Del Fuegos*, *Big Dipper*, and *The Regulars* perform at 8 pm at the Paradise, 967 Commonwealth Avenue, Boston. Tel: 254-2052.

JAZZ MUSIC

The Steve Lacy Sextet performs at 8 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Tickets: \$10.50. Telephone: 497-8200.

THEATER

The Children of Sunset Lake, by Chuck Anastas, opens today in previews at the New Ehrlich Theatre, 539 Tremont Street, Boston. Continues through May 14 with performances Thursday-Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 2:00. Tickets: \$12 to \$14. Telephone: 482-6316.

FILM & VIDEO

The Brattle Theatre continues its Tuesday series *Women on Film* with *Town Bloody Hall* (D. A. Pennebaker and Chris Hegedus, 1978) at 8:00 & 9:45. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children. Telephone: 876-6837.

The Harvard Film Archive continues its Tuesday series *Narrative Approaches* with *Le Bal* (Ettore Scola, 1984, France) at 5:30 & 8:00. Located at the Carpenter Center for Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Tickets: \$3 general, \$2 seniors and children. Telephone: 495-4700.

Ongoing Theater

All's Well That Ends Well, Shakespeare's comic romance, continues through April 2 as a presentation of the Huntington Theatre Company at the Boston University Theatre, 264 Huntington Avenue, Boston. Performances are Thursday-Saturday at 8 pm, and matinees Wednesday, Saturday, & Sunday at 2 pm. Tickets: \$13 to \$28. Telephone: 266-3913.

The Hot L Baltimore, Lanford Wilson's 1972 comedy-drama about eccentric residents of a once majestic hotel trying to save their home, continues through April 19 at the Alley Theatre, 1253 Cambridge Street, Cambridge. Performances are Thursday-Sunday at 8 pm. Tickets: \$12 general, \$10 seniors and students. Telephone: 491-8166.

CRITIC'S CHOICE

Mastergate, Larry Gelbart's parody on the behavior of elected and appointed officials, and the role of the media in public life, continues through March 25 as a presentation of the American Repertory Theatre Company at the Loeb Drama Center, 64 Brattle Street, Harvard Square, Cambridge. Tickets: \$14 to \$28. Telephone: 547-8300.

Me and My Girl, a revival of the 1937 musical about a Cockney who inherits an earldom, continues through March 18 at the Colonial Theatre, 106 Boylston Street, Boston. Performances are Monday-Saturday at 8 pm, with matinees Thursday & Saturday at 2 pm, Sunday at 3 pm. Tickets: \$20 to \$42.50. Telephone: 426-9366.

Private Lives, Noel Coward's romantic comedy about the rekindling of an old flame, continues through March 19 at the New Repertory Theatre, 54 Lincoln Street, Newton Highlands. Performances are Thursday-Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 3:00. Tickets: \$10 to \$14. Telephone: 332-1646.

CRITIC'S CHOICE

Safe Sex, Harvey Fierstein's campy follow-up to *Torch Song Trilogy*, about seeking new ways to love in the age of AIDS, continues through May 14 at the New Ehrlich Theatre, 539 Tremont Street, Boston. Performances are Thursday and Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 2:00. Tickets: \$12 to \$14. Telephone: 482-6316.

Vanish Like a Summer Tantrum, Lydia Sargent's "feminist adventure for nine women," continues through March 25 at the Newbury Street Theatre, 565 Boylston Street, Boston. Performances are Thursday-Saturday at 8 pm. Tickets: \$11 to \$18 general, \$7 to \$14 seniors and students. Telephone: 262-7779.

Ongoing Exhibits

ON CAMPUS

House of Weaponlessness, wood sculpture, papercuttings, and found objects by the German artist Felix Droese: *Looking at Militarism*, a room-sized documentary on issues of war and peace by mixed-media artist Margia Kramer; and *An Autobiography in Form*, by Beverly Pepper, part of an on-going series exploring 20th century sculpture, all continue through April 23 at the List Visual Arts Center, MIT Wiesner Building E15, 20 Ames Street. Gallery hours are weekdays 12-6 and weekends 1-5. No admission charge. Telephone: 253-4680.

CRITIC'S CHOICE

Korean Crafts and Paintings, including oriental ink paintings by Chung Shin Lee, continues through March 25 at the MIT Museum, 265 Massachusetts Avenue, Cambridge. Gallery hours are Tuesday-Friday 9-5, Saturday-Sunday 12-4. Admission: \$2 general, free to MIT community. Telephone: 253-4444.

Getting to the Surface: Mathematics of Soap Film and Soap Bubbles, computer-generated images representing the new discovery of a complete minimal surface, continues through June 11 at the MIT Museum, 265 Massachusetts Avenue, Cambridge. Gallery hours are Tuesday-Friday 9-5, Saturday-Sunday 12-4. Admission: \$2 general, free to MIT community. Telephone: 253-4444.

Richard Filipowski: Drawings, Paintings, Sculptures continues through March 20 in the MIT Compton Gallery, between lobbies 10 and 13. No admission charge. Telephone: 253-4444.

Photographs by Bob Newman continues through March 18 in the Wiesner Gallery, MIT Student Center. No admission charge.

OFF CAMPUS

The Boston Museum of Science presents *Speed* (Greg MacGillivray) and *New England Time Capsule* at the Mugar Omni Theater, Museum of Science, Museum Park, Boston, near the green line T-stop of the same name. Continues through March 20 with screenings Tuesday-Thursday at 11 am, 1, 2, 3, 7, & 8 pm, Friday also at 9 & 10 pm, and Saturday-Sunday every hour from 10 am to 8 pm. Admission: \$5 general, \$3 seniors and children. Tel: 742-6088 or 723-2500.

Hawai'i: Landscape of Transformation, photographs by David Ulrich, continues through March 26 at the Gallery East, Art Institute of Boston, 700 Beacon Street, Boston. Gallery hours are Monday-Friday 9-5. Tel: 262-1223.

CRITIC'S CHOICE

Goya and the Spirit of Enlightenment, an exhibit of more than 130 paintings, drawings, and prints exploring the effect of the Spanish Enlightenment on Francisco Goya, continues through March 26 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

Upcoming Events

The Replacements at the Opera House on March 22. *Paula Josa-Jones and Miryam Moutillet* at the C. Walsh Theatre, Suffolk University on March 24. *Michelle Shocked* at the Berkeley Performance Center on March 31. *Lily Tomlin in The Search for Signs of Intelligent Life in the Universe* at the Shubert Theatre, March 31 to April 27. *Barrence Whitfield and the Savages* presented by SCC's Strat's Rat on April 6. *Eddie Brickell and New Bohemians* at the Orpheum Theatre on April 15. R.E.M. at the Boston Garden on April 16. *Graham Parker* at Citi on April 19.

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See Us at the Placement Office on Thursday, March 23 or Friday, March 24.

MIT library system ties for 47th place in survey

(Continued from page 1)

total yearly expenditure of \$37,196,490 to maintain its libraries. MIT libraries have a total of 2,203,392 volumes, and spent roughly \$10 million on its system last year.

Also ranked in the top ten included University of California at Los Angeles, University of California at Berkeley, Yale, Stanford, Columbia and the University of Texas.

The ranking was based on an index developed by the Association of Research Libraries to

measure the relative size of university libraries. The index took into account the number of volumes held, the number of volumes added during the previous fiscal year, the number of current serials, total expenditures and size of the staff. It does not measure a library's services, the quality of its collections, or its success in meeting the needs of users, according to the ARL.

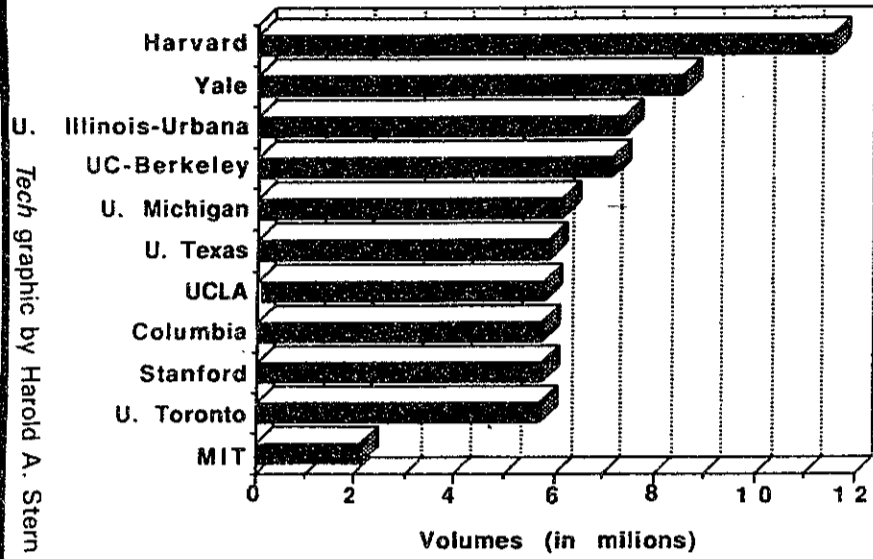
In the ARL's ranking of non-university libraries, the Library of Congress, the world's largest library, topped the others in all categories.



Andy Silber/The Tech

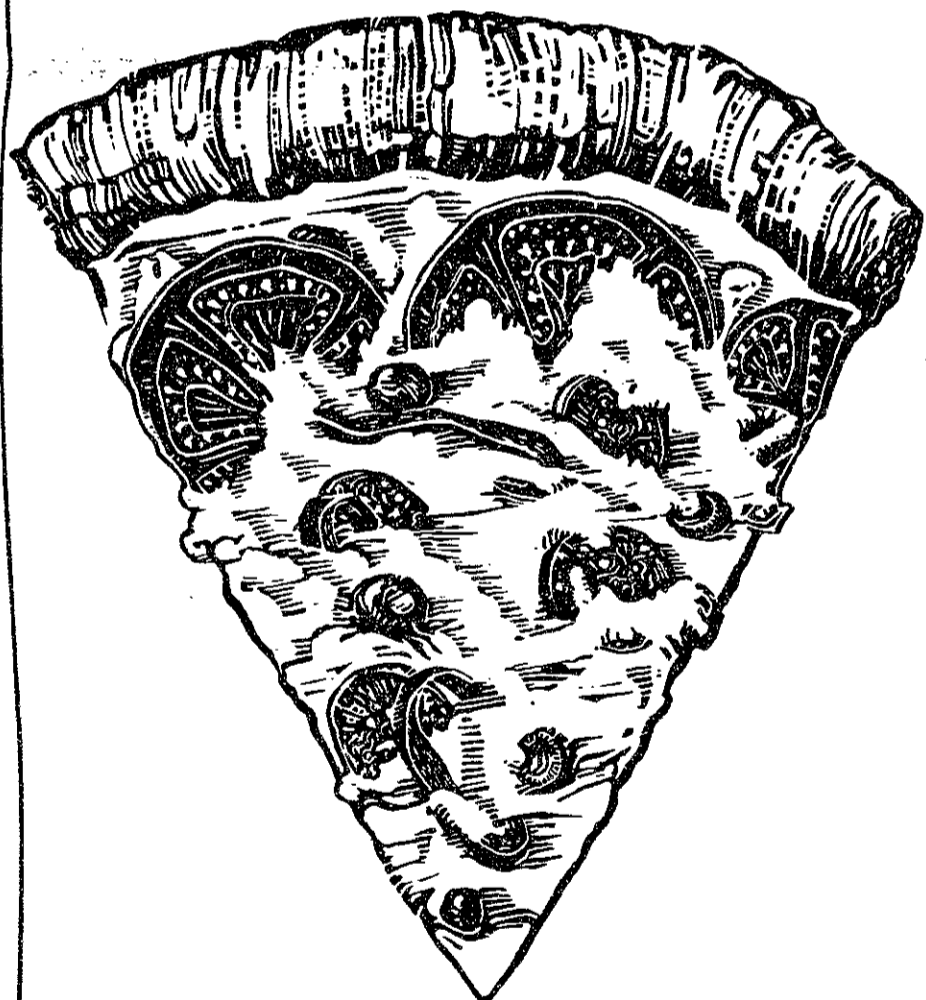
Professor Lawrence M. Lidsky moderates a context seminar on MIT's role in solving the Greenhouse problem.

Top 10 Libraries, in Volumes, and MIT



Tech graphic by Harold A. Stern

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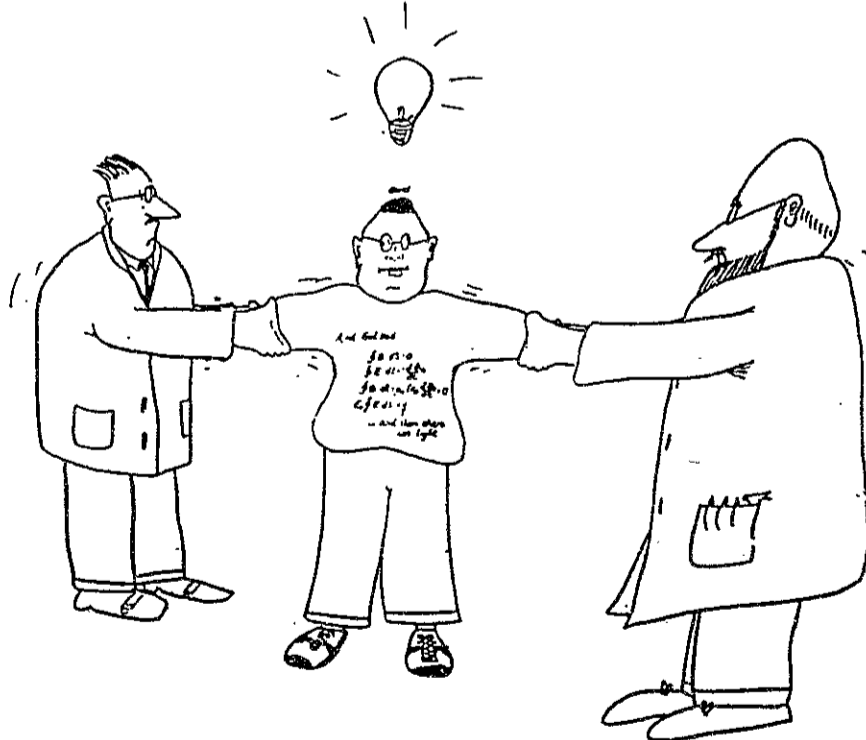
March 15 (Wednesday), 4:15 pm, E25-117

Refreshments will be served

The Lectures Series on Technology in Medicine is open to all interested students and faculty. Students with an interest in Medicine or Biomedical Engineering are encouraged to attend.

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Panelists

- Daniel Hillis:** MIT PhD, Cofounded Thinking Machines Corp.
- Nicholas Nigroponte:** Director of the Media Lab
- John Preston:** Director of MIT Technology Licensing Office
- Robert Rines:** President of the Franklin Pierce Law Center and MIT Lecturer

Moderator

Jeff Meldman: Associate Dean of Student Affairs

Thursday, March 16 at 7:00 pm, Room 10-250

Refreshments Will Be Served



Julian Iragorri/The Tech
Dean Lester Thurow and leaders of 5 major corporations discuss crisis management at a business forum last Thursday.

UAP/VP teams discuss their goals for next year

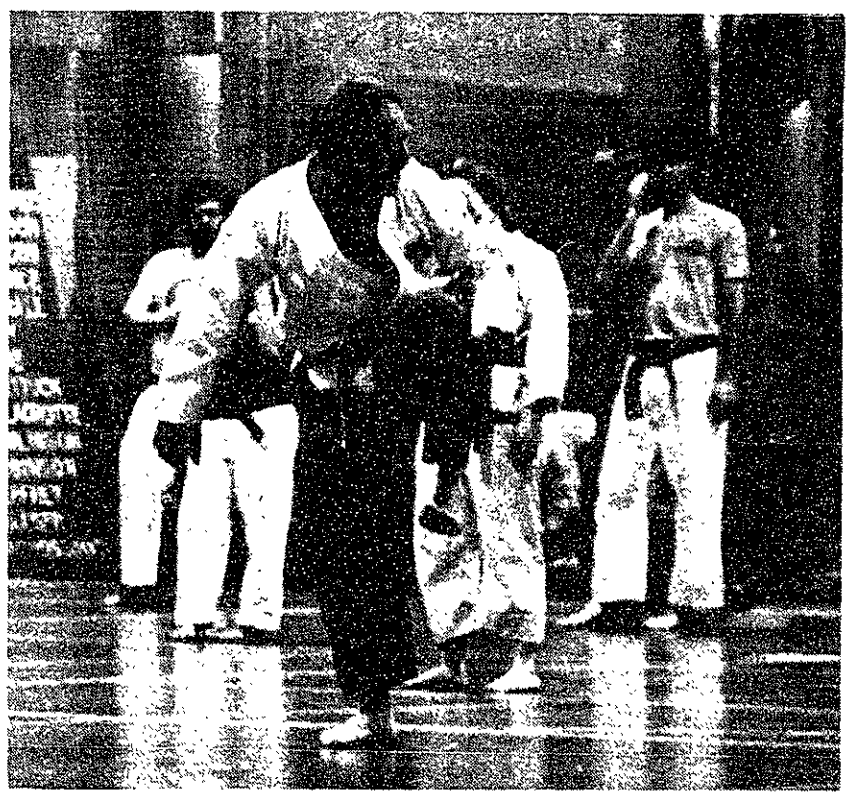
(Continued from page 1)

ity funding requests should be public, Strehle disagreed, saying that student groups could be embarrassed if this information was revealed. Atkins defended the UA's office purchases, noting that they could be used by any student group.

When asked why the Undergraduate Association suffered from an image problem, both Antico and Braff blamed poor leadership in past administrations. Antico said there was a "sense of frustration" among the

student body, because of the unattainable goals of the organization. Braff said the UA's "negative press is justified," and argued that their attempts at positive publicity like the UA newsletter were poorly executed. But Contreiras said the UA had a negative image merely because it had not yet involved enough students, but that this goal was in sight.

Also, Atkins pointed out that, unlike the other teams, his ticket had a "list of projects we can start tomorrow."



Ray T. Powell/The Tech
Guest instructor Bob Dvorkin demonstrates to the MIT Korean Karate Club.

Singapore Career Fair at MIT

March 20 & 21

Recruiters representing 15 companies and government agencies in Singapore will be at the Careers Office on March 20 & 21 to interview students in the information sciences (electrical engineering, computer science, MIS, etc.). Candidates need not be from Singapore but the recruiters are particularly interested in students from Southeast Asia.

The organizations represented include Abacus Distribution Systems, the Changi International Airport Service and the Port of Singapore Authority, the Development Bank of Singapore, the Hong Kong and Shanghai Bank, the Housing and Development Board, the Information and Communication Institute of Singapore, MPSI, the Institute of Systems Science, the Information Technology Institute, the National Computer Board, NEC, Nixdorf, Omron, and the Singapore Public Utilities Board.

Candidates are welcome to apply to up to three organizations on the list. They are asked to complete an application beforehand, which should be filed at the Careers Office not later than 3 p.m. on Friday, March 17.

Application forms and further information about the Career Fair are available at the Careers Office, Room 12-170.

Dining halls doing well

(Continued from page 2)
ing halls] took a lot of pressure off while Lobdell was closed, but a lot of food was transported, and the summer was busy. People got worn out." On the other hand, turnover of managers at Walker may be high because the building is "difficult to work in — it's old and needs repairs and renovations."

Relations between MIT Food Service and ARA had a "rocky beginning," according to Maguire. "[ARA] had problems with

management and turnover. They had to deal with transitions, like the closing of the Student Center," Maguire noted. "But my sense is that ARA is trying very hard to do a good job. They have recently made changes in their financial approach necessary for us to achieve our objectives."

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by

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- Guest Scholar, Brookings Institution
- former Beirut correspondent, *The Sunday Times* and *Christian Science Monitor*

Tues., March 14
4:30 p.m.
E51-332

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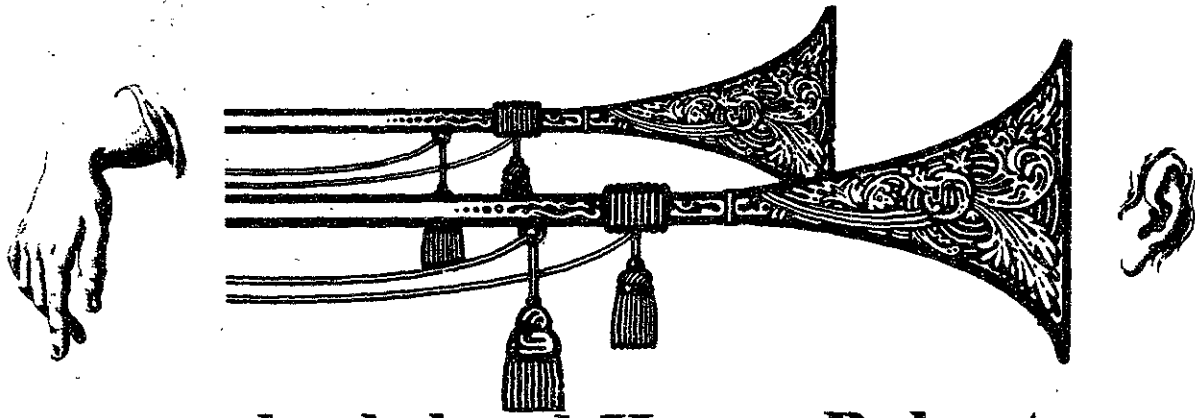


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 Room 4-453
 INTERVIEWS: Monday, March 20th.
 9:00 am-5:00 p.m.
 Room 12-470
 NOTE: Sign-up at presentation only



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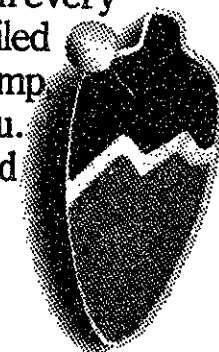
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sports

Scott Deering takes national title

(Continued from page 20)
50'-0", good for 11th place.

Singhose vaulted 15'-3" to take third, duplicating his place from last year's Division III Championships. This was only his second week back after missing almost five weeks of competition due to hamstring injuries in both legs. Singhose narrowly missed second place, which went to Dave Forshew of Mt. Union, who finished above Singhose at 15'3" by virtue of fewer misses.

Singhose, who led the three-hour vault competition in the early goings, said he was pleased with his performance, especially in light of his being absent from practice for so prolonged a period of time.

The mile-relay team, consisting of Kevin Scannell '92, Paul McKenzie '90, Mark Dunzo '91, and Doug Cornwall '89, ran in a fairly strong field and finished sixth among the six final teams. While Scannell (51.3 seconds), McKenzie (49.4), and Dunzo (50.1) ran well, Cornwall — who plays for the varsity basketball team during the winter season and captains the outdoor track team in the spring — showed signs of lack of preparation with a 53.1 anchor leg.

Head coach Gordon Kelly said that Cornwall, who ran and tri-

ple-jumped at the ECAC meet, had won a 300-meter trial during practice Wednesday to determine who would be the fourth man on the relay team. But he admitted that he had "gambled on a 51.5" or better from Cornwall.

According to pre-meet seedings, MIT was expected to score 24 points, which would have put it in fourth, ahead of Loras College (21 points). The Engineers, however, did not get all the points they expected.

John-Paule Clarke '91, who had been improving greatly over the season in the weight throw, fouled on all three trial throws and failed to score. Senior Sean Kelley finished 10th in the 5000

meters at 15:23.00. Only the top six finishers are awarded points.

Other individual competitors included Dunzo, whose 50.72 trial time in a strong 400-meter field was not enough to make the finals, and Mike Piepergerdes '92, who did not qualify for the 1500 meters final, despite a 3:57.64 effort in the trials.

While most of those who competed throughout the entire four-week championship season will be resting before the start of the outdoor season, the track team will begin its quest to defend the outdoor New England Division III title this week. The Engineers open the outdoor season with a trip to Florida during the spring break.

Upcoming Home Events

Wednesday, March 15

3:00 Men's Tennis v. Harvard University

Thursday, March 16

7:00 Men's Volleyball v. Harvard University

The Tech Sports Hotline 253-1541

BP Minerals America will be recruiting on campus March 24, 1989 for the following positions:

- Accountant
- Electrical Engineer
- Mechanical Engineer
- Human Resources Generalist

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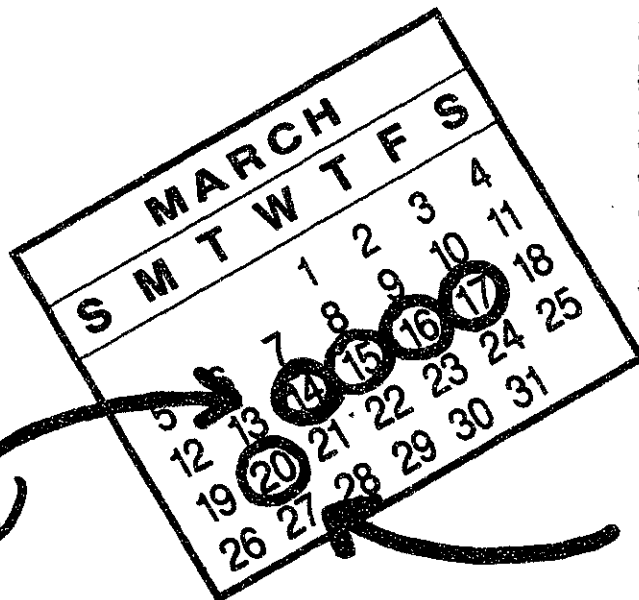
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sports

Track team ties for sixth at nationals

By David Rothstein

The indoor track and field team finished in a tie for sixth in the National Collegiate Athletic Association Division III Championships, held last weekend at Bowdoin College. Co-captain Scott Deering '89 earned first place in the 35-pound weight throw, and Bill Singhose '90 took third in the pole vault. The mile relay also contributed a sixth place finish towards MIT's highest finish in the five-year history of the meet.

North Central of Illinois won the meet, scoring 66½ points, while MIT and the University of Wisconsin at Whitewater both earned 17 points for the sixth-place tie.

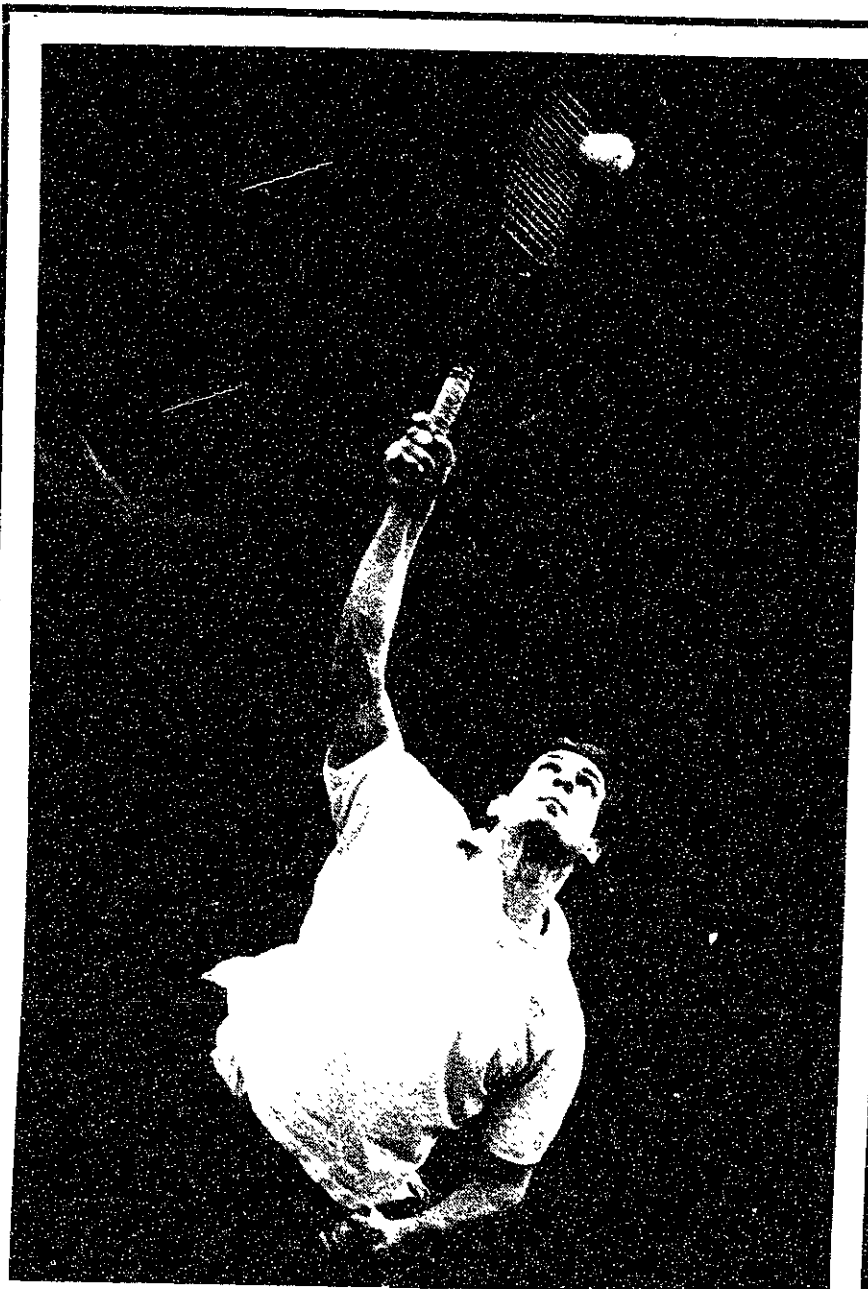
Deering set a facility record in the weight throw with a toss of 59'-5¾", outdistancing Peter Goodrich of Bates College by more than 2½ feet.

MIT record.

Deering became only the fifth MIT athlete to win a national track title — the first since Parris in 1985. Parris' victory came in the first year that the national indoor track championships were broken down by NCAA Division. In the past, the competitions were open, featuring athletes

from all three Divisions. Competing in the open championships, Dave Kieda '82 and John Pearson '74 both won the hammer throw in their senior year, and Frank Richardson '77 took the title in the 10,000-meter run in 1977.

In the shot put, Deering threw (Please turn to page 19)



Michael Franklin/The Tech
Brian Brown '89 reaches for the ball in Saturday's match against Temple.

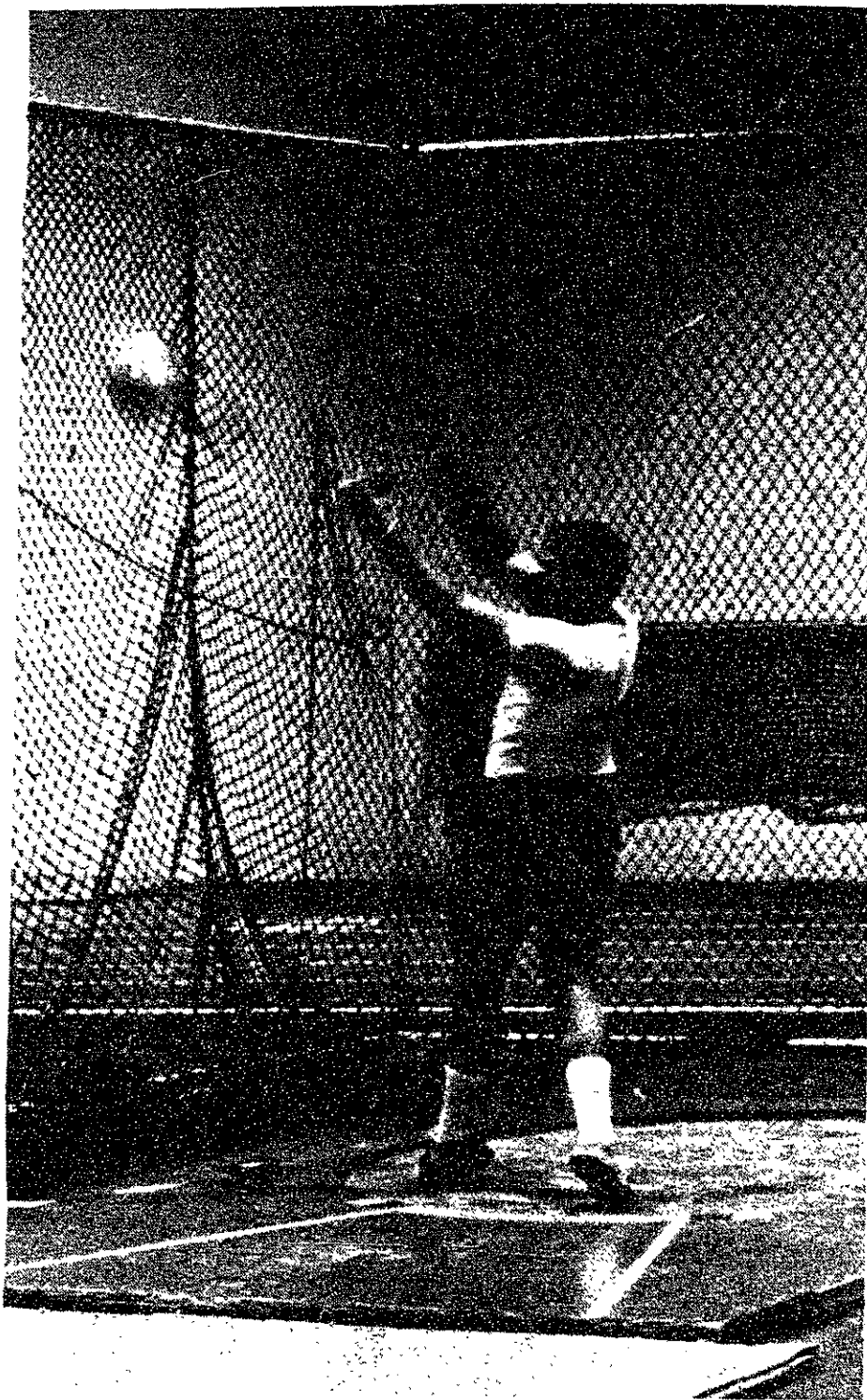
Indoor Track at NCAA Division III Championships at Brunswick, Maine

Pole vault - 1, Alex Greeland, St. Lawrence, 16'-½"; 2, Dave Forshew, Mount Union, 15'-3"; 3, Bill Singhose, MIT, 15'-3".

35-pound weight - 1, Scott Deering, MIT, 59'-9¾"; 2, Peter Goodrich, Bates, 57'-2"; 3, Ben Pautch, St. Thomas, 53'-5½".

"I was pretty confident I was going to win," said Deering, who has run off an impressive string of wins in post-season competition this year, including first places at the Greater Boston Championships and last weekend's Eastern Coast Athletic Conference Championships.

Deering's second throw of the competition turned out to be enough to take the gold medal, but he said he would have been happier had he surpassed the MIT record. Patrice Parris '85 had hurled the weight 61'-6" four years ago to break a 29-year-old



Tech File Photo
Scott Deering '89 won the 35 lb. weight throw at NCAA Division III National Tournament.

Sports Update

Fencers take 11th at Eastern Regionals

The MIT fencing team placed 11th in the NCAA Eastern Regionals, held Friday at Harvard University. Joe Harrington '88 qualified for the Nationals in the epee.

Tennis loses to Temple

The men's tennis team had a

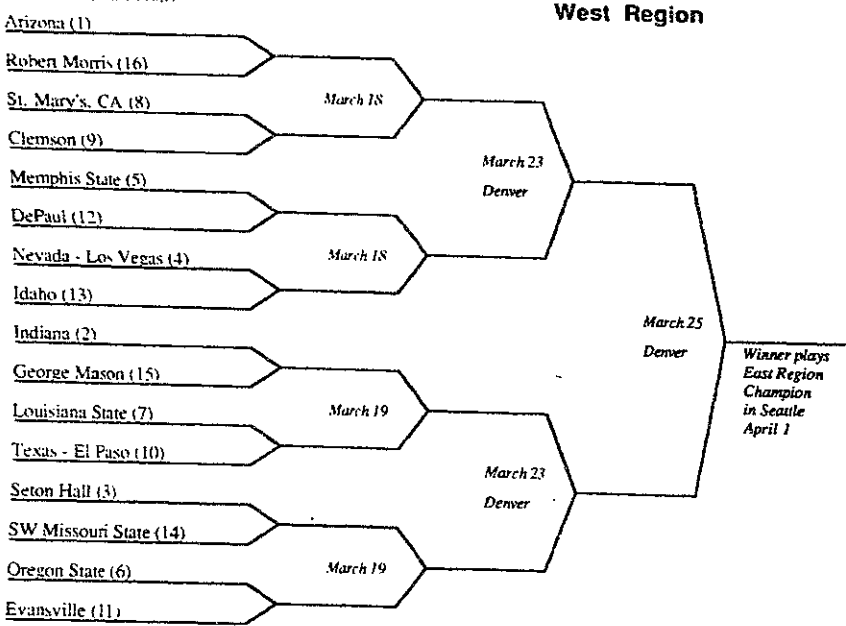
disappointing season opener against the Division I squad from Temple University. Temple won every match during the meet, held Saturday in MIT's Carr Indoor Tennis Facility. MIT is a Division III team.

The Engineers will host the squad from Harvard University on Wednesday before beginning a Spring Break road trip to California.

Compiled by Michael J. Garrison

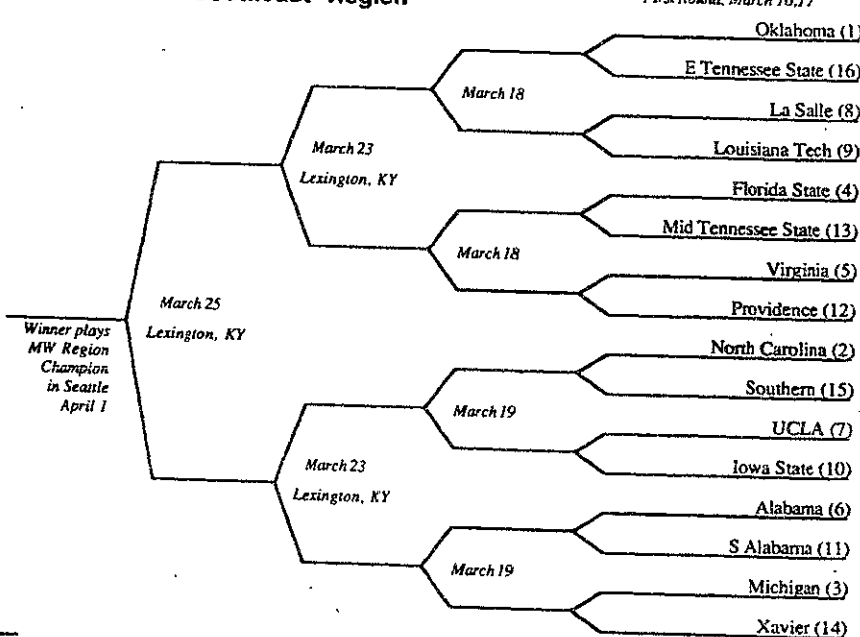
NCAA Division I Men's Basketball Tournament

First Round, March 16, 17

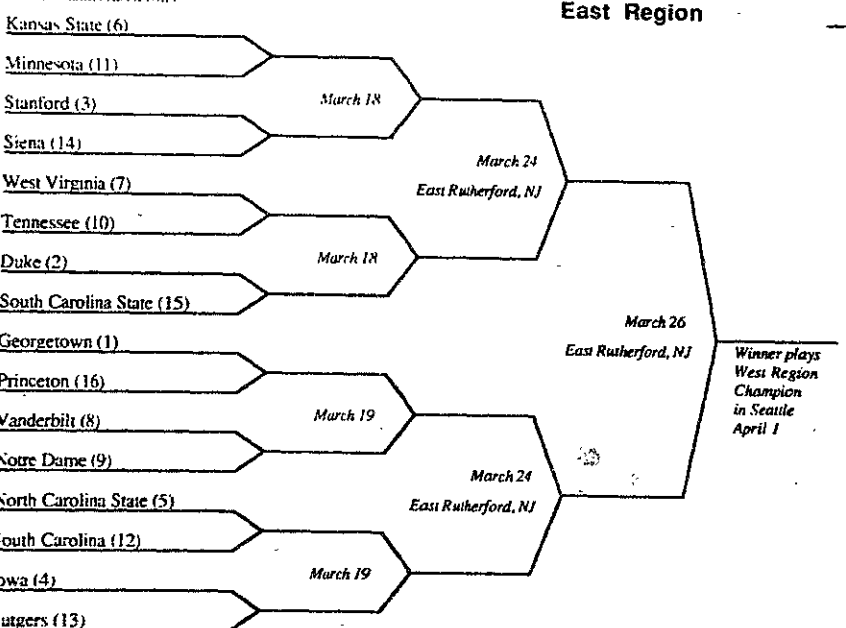


Southeast Region

First Round, March 16, 17

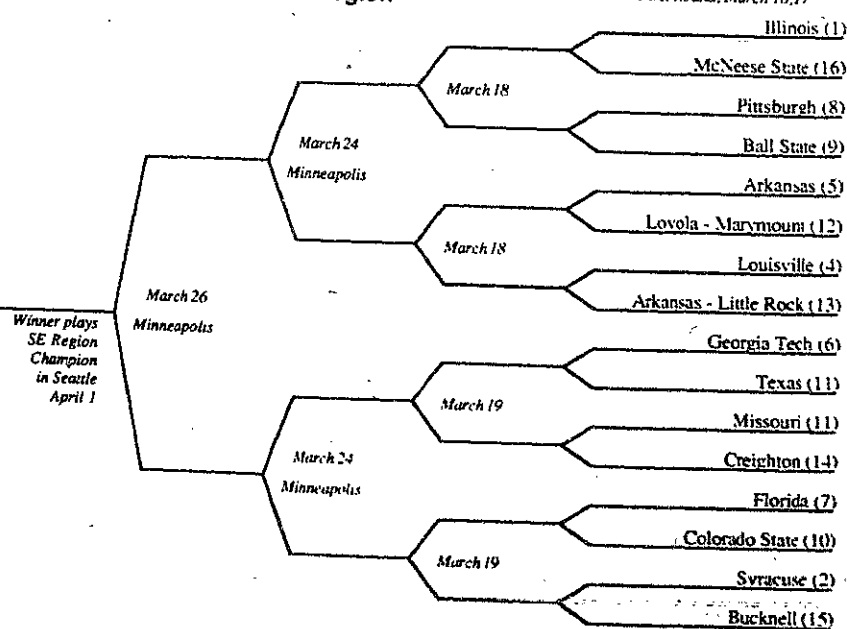


First Round, March 16, 17



Midwest Region

First Round, March 16, 17



Tech graphic by Michael J. Garrison