Some dining operations close to breaking even

By Irene C. Ku

Walker Dining Hall, Lobdell, and Networks should show profits in two years because of their local operations 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 $4.5 million debt service on the latter two facilities, which were constructed last year, and that some of the houses are undergoing renovations.

Walker is close to breaking even. When Lobdell closed, services in the dorms and at Walker expanded, which means that Lobdell is open, services at Walker will be reduced, according to Richard Williams, 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," he noted. "But the number of customers just doesn't justify keeping it," he added. "There are seven places on campus that serve hot breakfasts, but MIT is not an early morning eater." 

Maguire also noted that profits from Walker, Networks, and Lobdell, which comprise the "cash houses," will probably 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 (dollars) 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.

Maguire said that they called "bungling" and holding forums, attempting to change who would bring new year-long administrative changes that they were the candidates of expect major changes. "There are seven places on the list," he said. "There are not enough customers, but the number of customers just doesn't justify keeping it," he added. "There are seven places on campus that serve hot breakfasts, but MIT is not an early morning eater." 

MIT library system ranks 47th in recent survey

By Anshelbe Boyd

A recent ranking of 100 university libraries by The Chronicle of Higher Education showed that the MIT libraries have moved from 41st place to 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. Luckey, director of the MIT library system.

The ARL survey is an annual survey of 100 university libraries, which is compiled by the Association of Research Libraries. The survey is used to compare the performance of libraries across the country.

MIT has seen a decrease in the number of volumes in circulation, which has led to a decrease in overall rankings. However, the MIT libraries have maintained their 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 top 10 library system rankings 47th in recent survey

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UA Election Supplement Inside

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Tuesday, March 14, 1989

Fraternity recovers from lost rush

By David Stern

Pi Lambda Phi, whose rush application 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 having 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. Last fall's rush will "not be unannounced" 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 fraternity 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.
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, 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 entrées 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 might 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 serve 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 heat.

Some layoffs

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. "Business in the four dormitory dining halls has been considerably down compared to the same time last year." 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-

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**World**

- **Baker meets with Arens**
  - Secretary of State James A. Baker described his meeting 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 wrecked 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 500 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.

- **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 union activities and allow for direct elections of officers. The government had previously charged that the Teamsters were dominated by organized crime and had used 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.

- **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 ball fund and had taken steps to create home confinement programs and halfway houses.

**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 panning 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 mild, High 43°F (9°C), Winds becoming south-southeast 5-10 mph (8-16 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**:
  - Variable cloudy, breezy and mild. Low 38°F (3°C). Highs generally 50°F (10°C), Winds south-southwest 15-25 mph (24-40 km/h), shifting to southwest 15-25 mph (24-40 km/h).

- **Thursday**:
  - Partly sunny, windy and colder. High 32-36°F (0-3°C). Low 25-26°F (-4 to -3°C). Forecast by Michael C. Morgan

Compiled by Linda D’Angelo and Irene Kao

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**NCAA Division I Women’s Basketball Tournament**

- **West Region**
- **East Region**
- **Midwest Region**
- **Mid-Plateau Region**

Where sour cream comes from

---
No standout in UAP race

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

But, in a contest not known for much excitement, this year's UAP presidential and vice-presidential candidates are especially unpromising. 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. The less-than-lucky ticket of Adam Braff '91 and Shaw Mastrani '91 has promised to fight to keep pass/no-credit grading for freshmen — the strongest statement made by any of the candidates. Neither the ticket has announced any other concrete views. Braff claims that the team used light-hearted 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 UA president.

Ira Contreras '90 and Dave Atkins '90 say they will push for mandatory course evaluation grade entries for as many as 500 classes and that they will seek to raise an endowment for student organizations. Hopefully, whichever team emerges will at least do some good for the organization.

No one is likely to win in the UAP race, but it is evident that the UA has proved itself as a viable organization on issues that matter to students.

Keep collegues 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. 11), Ralph Burge

A team of this caliber would be an opportunity for unity in the UA. The team's goals are broad and should be able to attract more in-depth funding for Course Grade funding than saying feasible options exist.

A good deal 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.
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 election. 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 ceremony. 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 pledge of social responsibility, but MIT, which proposed the introduction 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...but a bad one.”

Humanize MIT, which proposed the introduction of the pledge last year, feels that the pledge would result in increased social awareness by MIT graduates. Latin American studies professor Manuel Rodriguez ’89, organizer of this year’s effort, feels that the pledge would make in a graduate’s future decisions.

“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 issue.

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.
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By Chris Doerr

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Art elevated to euphoric heights of pleasure and truth

THE LOST SPINDLE
A Romance on-Song
LiveOak & Company

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 scolded by the shepherd Juan. Awakening is cruel, as Mama promptly has her face replaced with a death mask held in Bvostosn.

The drama, pre-

Imagine being trapped in a web, skinning their faces, in an attempt to fool a popular bullfighter, and sporting an especially horrific mask designed 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 he depicts remains fully alive there, while a flute tune deliciously issues forth.

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 he depicts remains fully alive there, while a flute tune deliciously issues forth.

Yakutis wears several faces, and steps from persona to persona with aplomb, 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 sword’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. Desperately On, Senora, a jealous lament, was one of several numbers which contained much deeply heartfelt singing.

Act II ended with the beautiful and also bickering harmonies of Digan tu, “Tell us, Love, about decal.” 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 sensitivity 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 maid’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, Wallac’s tone tragic, but the ending of the show leaves the audience spiritually refreshed; renewed as well as entertained.

LiveOak is recording this fable, 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 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 and other music for Titanic Records, and it is to be hoped that we will also see them more often in Boston-area performances.

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

Financial aid can be made available to students who already receive aid at a University in the USA.

Write:
Patrick Weil
Project Director
Benjamin Franklin Program
IEP Paris
27, rue St. Guillaume
75341 Paris Cedex 07 FRANCE

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

Application deadline April 15, 1989.
**REFERENDA**

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

Graduation Pledge

1. 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 Graduation Pledge graduate Association.

Pass/Fail

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

---

**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 a simple majority, the ballots of the weakest candidate are examined according to the next lower indicated choice. Ballots with no second preference listed are thrown out.

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 Office elections involving more than two candidates.

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**WRITE-IN CANDIDATES**

Voters are not restricted to choose among candidates listed on the ballots. 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.

Your student is eligible for election to an officer. 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 votes, the elected members of the new class councils will be responsible for selecting a student to fill the vacant position.

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The Tech produced this annual election supplement in conjunction with the Undergraduate Association. The statements are printed verbatim.

Design and Layout: Mark Kantrowitz '89.
Photography: Lisette W.M. Lambregts '86.
Election Commission: Rahul Shah '82, Chair; Vanessa Brown '92, Alan Davidson '89; Dean Miller '91; Manuel Rodriguez '89.

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**Undergraduate Association 1989-90 Elections**

A supplement to The Tech

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**Undergraduate Association President/Vice President**

Paul Antico

and Andrew Streble

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 realistic and profitable way to generate funds for student activities.

We plan to use all of our available resources, including door-to-door canvassing, to increase student awareness and to gather student opinion. We will ensure 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 these 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 Brafi

and Shawn Mastian

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.

---

Luisa Contreras

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 survey. 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 some of the highest tuition in the country, students lack adequate 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 disciplinary Institute funds or the current Dean's office allocation, but would gain 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 peoples' 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 those elected are 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 Class Officer Selection process last spring to help alleviate the Class Officer 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 class by helping to 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 to functions created during our last four years and 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.

Darian C. Hendricks

As Class of 1989 Alumni President, I will immediately pursue the development of a strong financial base for our council. The reasoning for such an endeavor is to provide significant funding for future class reunions and social activities. It is important that our class maintain and fortify the strong net-work 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 in a common environment of information that will always be accessible and to classes planning events and reunions.

As class president, I've learned many 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.

Vice President

David Duis

I have been involved with the Class Council since the term I arrived, and I find it a very enjoyable and rewarding experience. I am currently serving as a magazine and promote the very successful Senior Career Fair, which helped raise our Class' Senior Week and a hobby despite our low profit from the Donut Shop.

I hope to continue working for the Class Council by helping to organize the 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 dedicated team. We've accomplished a lot over the past year, including bringing you Junior/Senior Pub/Mr. MIT, continuing to bring you Senior Grant, and having study breaks. However, the past year also had its share of financial worries.

We realized last year that the budget stood sales being eroded by competition from ARA, a very large firm which was needed. So, as a service to the class and as a fund raiser, the council decided to host a Career Fair to be held during the fall, which I coordinated. We were able to attract 28 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 throughout this event, the 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 concern 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 unions fun (a great time to get together with old friends).

Christine Le Virens

I'll be Christine Le Virens 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 in the future. 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 Habic

I'm sure we all remember how exciting and promoting our class and its government was back during our freshman year. During our junior year, many of us became disoriented and disillusioned with what our class could and should be, 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, progress, 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 fund our Senior events.

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 Out '90 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 other alumni classes.
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 infirmary 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 one.
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 write 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.

Aimee C. Quilano

Having been an active member of the Class of 1991 council since Freshman year, I've seen the strengths and weaknesses of the past school 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 direction of the council and I will carry it out as efficiently as possible.

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 pride are just some of the achievements the Class of 1991. 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? I have this in mind and I 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.

Social Chair

William Botti

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

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 a couple of years. Of course non-class members can join, but for a fee of course. Class money is OUR money, it can count on me. I’ll make sure we make plenty more. You can count on me.

Vice President

Judy Chen

I decided to run for the office of vice-president of the class of 1991 after listening to fellow sophomore 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 sophomors 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!

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 1990

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.

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Publicity Chair

Orlando Martinez
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 Tie's study breaks and the Semi-Final that work to create a closer, stronger class. We've sold T-shirts and are looking forward to selling boxes, 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 its "big brother" class this year. This has never been done before at MIT. Members of the class of '67 will come 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 in 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.

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 reading a position 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 '92.

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 Agassiz, Massachusetts, a medium-sized town in the Western part of this state. One of the things I've always felt 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 create a favorable environment 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 chance and I'll see that we have a wonderful year. Enjoy Pass/Fail while it lasts!

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'll 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.
4. 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 reading a position in your junior or senior year.

As social chair, we plan to push for a number of events and activities that will bring the class together. These activities might include picnics, a boat cruise, study breaks or an activity that will make us want to attend and participate in. We want to create spirit and class unity by:

1. Activities that encourage participation from all classes.
2. Planning events that are more than just social events; ie: symposiums on time management and useful skills.
3. Class hacks, class trips
4. 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.

Treasurer

Denise Purdich

If elected to the office of Treasurer of the Class of 1992, I will attempt to fulfill several goals. I hope to coordinate my knowledge gained from past experience to ensure that 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.

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 selling looking class boxer shorts or having a hugging booth.

Seven.

1. A whole lot of money
2. Social events with the other classes.
Talented Anderson performs best from bassoon's limited repertoire

ADVANCED MUSIC PERFORMANCE RECITAL

Erik Anderson '91, bassoon
With James McLaren G, 'cello and Ronnie Schwartz, piano
Works by Mozart, Duilinul, and Weber
Kilstring Hall, Friday, March 10

BY DAVID STERN

Friday, Erik Anderson '91 gave a bassoon recital as part of the Advanced Music Performance Recital Series in Kilstring Hall. The 50-minute performance was, in addition to a display of Anderson's talents, a delightful musical diversion. Overall, her playing showed clarity and very good technique. The program consisted of Mozart's Sonata for Bassoon and Cello, K. 292, Henri Davillon's Sarabande et Cortege for Bassoon and Piano, and Weber's Concerto in F Major, Op. 75. The Sonata for Bassoon and Cello is a cute piece which plays the delicate side of the double reed. The Sarabande and Cortege, written as a suite for bassoon and keyboard, is covered in the 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. Cellini 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 equal well in all three movements, the duet handled the piece well. Sarabande et Cortege was a good change of pace from the rather early work of Duilinul (1942), it is heavily influenced by Ravel and the French impressionist school, yet has individual qualities that transcend its influences. The Sarabande is a simple piece. Most surprising was the movements 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 Cortege which Anderson's playing worked equally well. Ronni Schwartz's piano accompaniment was precisely and appropriately somber, but unfortunately overwhelmed Anderson at times. The 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 a piece of serious music, the concerto is trivial and pompous. For this reason it is difficult to critique the duos' 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 stuff, although Anderson's heavy tone was more suited to the other pieces than this one. Worthy of note are the acoustics of Kilstring Hall. Both the cello and bassoon served well by the hall acoustics, both sounding loud, clear, and rich.

TO ALL MONTSEGGT CABALLE TICKET HOLDERS

The Tech Performing Arts Series regrets to announce that Montsegg 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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TO TAKE YOU FROM COLLEGE TO CAREER
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John Austin

Page 12, THE GREENWICH PRESS, MARCH 14, 1989
On The Town
Compiled by Peter Durin

PoLAR MUSIC, ETC.
Saturday, March 14

FILM & VIDEO

The showends: This week's events include a free screening of "The Accused" (1988) and "Strong Man Ferdinand" (1916), plus a performance by the Boston Philharmonic Orchestra and a lecture by Dr. Mildred Dresselhaus.


FILM & VIDEO

The National Film Archive continues its exhibition of "The Accused" (1988) and "Strong Man Ferdinand" (1916).


Jazz Music

New York Jazz Festival presents "The Accused" (1988) and "Strong Man Ferdinand" (1916).


TUESDAY, MARCH 14, 1989 The Tech PAGE 13

CLASICAL MUSIC

How to get through college with money to spare:

1. Buy a Macintosh.

2. Add a peripheral.

3. Get a nice, fat check.

Now through March 31, when you buy selected Macintosh® SE or Macintosh II computers, you'll get a rebate for up to half the suggested retail price of the Apple® peripherals you add on, so you'll save up to $800. Ask for details today in the MIT Microcomputer Center.

Apple Pays Half

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MIT Microcomputer Center
Stratton Student Center, W20-021
Weekdays 10am-4:30pm, x3-7686
A Unique Opportunity... Proven Team

Bright Future

Little more than three years old, QUALCOMM is already a leader in the design of State-of-the-art Digital Communications Systems. Consequently, it consists of over 200 people and has a broad base of projects. The rapidly growing backlog of business will ensure stable employment opportunities for years to come—a rarity in a new start-up. We are looking for talented, intelligent individuals.

Opportunities include:

- Software Design
- Communications
- Digital Signal Processing
- Digital Circuit Design
- Analog/RF Circuit Design
- Digital/Analog VLSI Design

Location

San Diego, California, in close proximity to the University of California at San Diego (UCSD) campus, Torrey Pines State Park, the Pacific Ocean, La Jolla, and only minutes away from a host of recreational and cultural opportunities.

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)

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.
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 should be filed at the Careers Office, Room 12-170. Candidates 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)

Dining 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 worried. 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 said. "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."

Under their five-year contract, which expires in two years, ARA receives two percent of gross sales, and MIT assumes the remaining financial responsibilities, whether profit or loss.

EMILE BUSTANI
MIDDLE EAST SEMINAR

"BEYOND CRISIS MANAGEMENT: THE SOVIETS AND THE MIDDLE EAST IN THE 1990'S"

by

Helena Cobban

• 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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The Tech PAGE 17

TUESDAY, MARCH 14, 1989

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For scheduling information, please contact Miriam Diamond in M.I.T Career Services, (617) 253-4733.
**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 66-2 points, while MIT and the University of Wisconsin at Whitewater both earned 17 points for the third-place tie.

Deering set a facility record in the weight throw with a toss of 59'-53/4", outdistancing Peter Goodrich of Bates College by more than 2½ feet.

**Indoor Track at NCAA Division III Championships at Brunswick, Maine**

**Pole vault** - 1. Alex Greuland, St. Lawrence, 18'-5"; 2. Dave Forshew, Mount Union, 18'-5 7/8"; 3. Bill Singhose, MIT, 15'-3".


"I was pretty confident I was going to win," said Deering, who has run off an impressive string of wins in post-season competition, including first places at the Greater Boston Invitational Championships, MIT Indoor Track and Field 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 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 Kind '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 53 1/2 feet.

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

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**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 épée.

**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, scoring 6-2 points, and leaving MIT's hopes for the remainder of the season in doubt.

Joe Harrington '88 reached for the Nationals in the épée.

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**NCAA Division I Men's Basketball Tournament**

**West Region**

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<th>Second Round, March 19</th>
<th>Third Round</th>
<th>Quarterfinals</th>
<th>NCAA Regional Semifinals</th>
<th>March 22</th>
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**Midwest Region**

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**Tech graphic by Michael J. Garrison**