Continuous
News Service
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Volume 104, Number 22

The Tech

MIT
Cambridge
Massachusetts

Friday, May 4, 1984

UAC backs ODSA alcohol committee

By Janice M. Eisen

In its last meeting of the term, the Undergraduate Association Council last night passed motions to commend the MIT administration's formation of a committee to investigate the use of alcohol on campus, and to commend Stephen D. Immerman, former assistant dean for student affairs, for "invaluable contributions to the quality of student life. . ."

The UA Council also confirmed a secretary-general and new officers for two of its general committees, and unanimously approved the UA Finance Board's proposed Undergraduate Association / Association of Student Activities budget for 1984-85.

The motion concerning alcohol use was authored by UA Vice President Stephanie L. Scheidler '85, who was not present at the meeting. According to UA President David M. Libby '85, the Office of the Dean for Student Affairs is "taking a more active role" in combatting excessive alcohol use, and has formed a committee to investigate the problem.

Scheidler's motion recommends "strong student representation" on the committee, and demands the committee meet once before the end of the current term.

The subject of student representation on the committee occasioned a good deal of discussion. As originally written, the motion recommended the representatives be "appointed from the UA Office of the President . . . and appointed from the InterFraternity Conference." Kip Dee Kuntz '85 said he felt this represented an "overemphasis" on fraternity participation.

Michael R. Candan, president of the Class of 1985, said separate mention of the InterFraternity Conference is needed because the conference "represents a lot of the campus." He said the InterFraternity Conference "at this point has very little respect for [the UA Council]" and does not feel the council adequately represents its interests.

Daniel J. O'Day '87 objected to Candan's argument, saying the UA Council is "the legitimate representative" of all MIT undergraduates. Kuntz added that dormitories are "just as concerned" with the problem of alcohol abuse as are fraternities.

Scheidler's resolution was amended to strike the reference to the InterFraternity Council. The amended resolution was then passed by a vote of 12-1, with four abstentions.

Immerman commended

The UA Council passed without objection a resolution commending Immerman, who recently left the Office of the Dean for Student Affairs to take a position in Resource Development. The resolution states that Immerman "fulfilled the highest ideals of the Office of the Dean for Student Affairs. . ."

The council also voted to engrave the resolution on a plaque to be presented to Immerman at the Awards Convocation if possible, and to establish some permanent remembrance of him in student government.

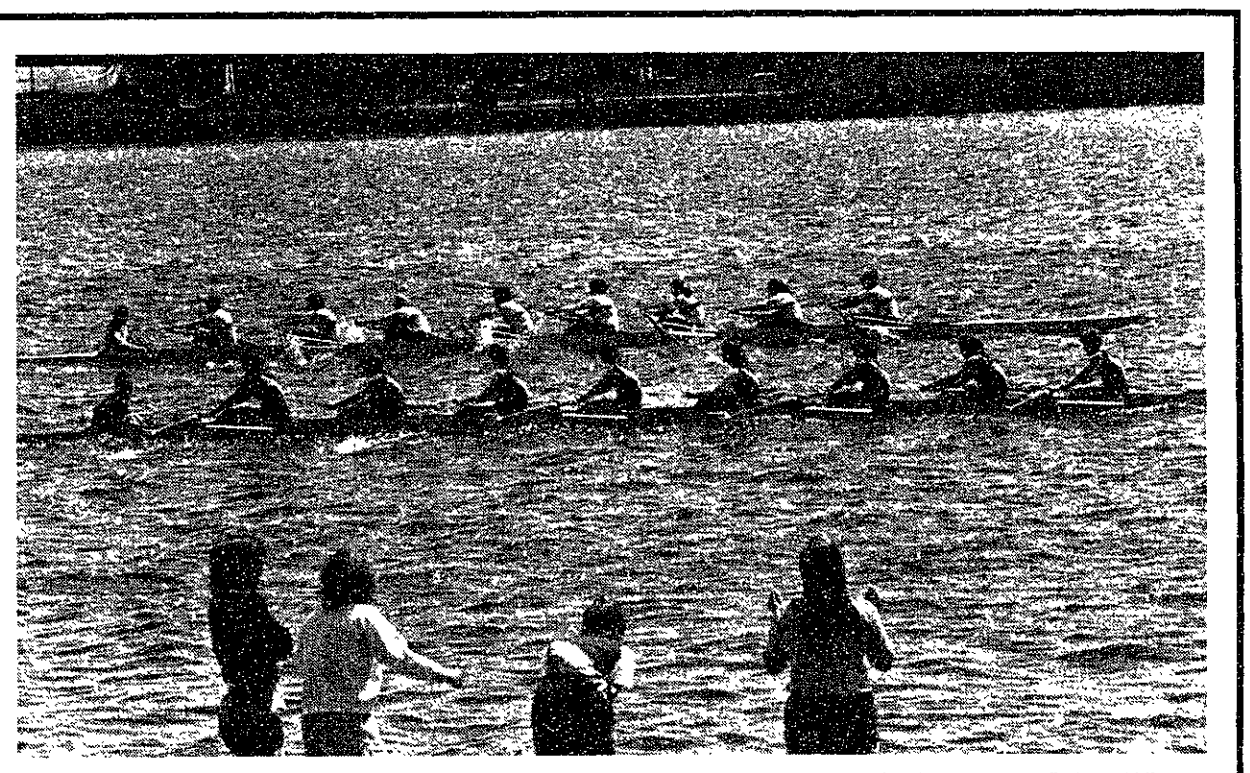
Officers confirmed

In other business, the UA Council confirmed the election of Robin L. Barker '85 and Caleb C. Wong '87 as chairman and vice-chairman of the UA Nominations Committee, and Mark J. Fister '86 as chairman of the Student Committee on Educational Policy. None of the three attended the meeting.

Libby nominated Tamara L. Abell '87 as UA Secretary-General. The council confirmed her without objection.

Win Treese '86, vice-chairman of the UA Finance Board, presented the proposed UA/ASA budget of $123,595 for 1984-85. He said there would be a surplus this year, which he estimated at roughly $10,000, due to activities not spending funds allotted.

The UA Finance Board will now allocate funds to co-sponsor parties, a function previously filled by the UA Social Council. Treese said the board was "not impressed by the way the Social Council allocated its money. The Social Council will retain responsibility for Homecoming and Spring Weekend events.



Tech photo by Robert Winters

MIT's women crew team strokes their way to victory Saturday, winning the Smith Cup for the first time in four years.

ADB tables trust fund request

By Charles P. Brown

The Activities Development Board tabled a joint request from *Technique* and *The Tech* to divide the Undergraduate Publications Trust Fund, which contains over $11,600, and to move authority for administering the fund from the Activites Development Board to the Undergraduate Association Finance Board.

The Undergraduate Publications Trust was established in 1935 by *The Tech*, *Technique*, *Tech Engineering News* and *Voo Doo*. The latter two organizations folded in the 1970s.

Several ADB members questioned the propriety of dividing the trust between *The Tech* and *Technique*. "Some of the money is likely to have been contributed by two now defunct organizations," said ADB member William J. Hecht '61, MIT Alumni Association executive vice president.

Anita Walton, program coordinator for dining and residence programs in the Office of the Dean for Student Affairs, said she believed splitting the fund would "create a headache for [the two groups]."

Technique General Manager Donald M. Davidoff '85 said there must be clearly defined procedures for disbursement of the fund.

"[*Technique*] had a lean year in 1982. We came in for funds, and were denied," Davidoff said. He said that due to a variety of circumstances, including missing several key publishing deadlines, *Technique* lost $4000 that year.

"I do not see us getting to the bottom of it today," said Kenneth C. Russell, ADB chairman. "I would like to put this on the first order of business for next fall."

After the meeting, Undergraduate Association President David M. Libby '85, an *ex officio* member of ADB, said "The use of the [trust] must be established . . . it is useless just sitting there."

The Activities Development Board approved a $2000 disbursement from the trust to *Technique* for new photography darkroom equipment, and tabled a request for $2000 from *The Tech* to fund a project to index its back issues.

Libby also said *The Tech*'s request was rejected because members of the committee questioned *The Tech*'s need for the funds, since *The Tech* has funds for capital expenditures and has an account set up for the indexing project.

"Any money that *The Tech* has for the next year is needed to replace equipment that won't make it until the next fiscal year," said Scott I. Chase '85, managing editor of *The Tech*, in an interview. "We were hoping that this disbursement would enable us to complete a substantial portion of the [indexing] project over the summer," he added.

In other business, the Activities Development Board approved a request from the UA Finance Board for authorization to spend up to $5000 from its invested reserve account to help fund the purchase of a computer for the UA offices. The $5000 would supplement $3000 from the UA Finance Board's operating budget.

The Activities Development Board ended its meeting in a closed session to discuss nominations for the William A. Stewart Awards, which are given by the board to recognize students for a single contribution to a student activity or event.

Faculty salaries raised

By Peter R. Vogeli

MIT has rapidly increased professors' salaries in the past few years in order to make its salaries competitive with those offered at other universities and in industry, according to James J. Culliton, director of personnel.

Salaries paid to professors had become less competitive in past years, Culliton added.

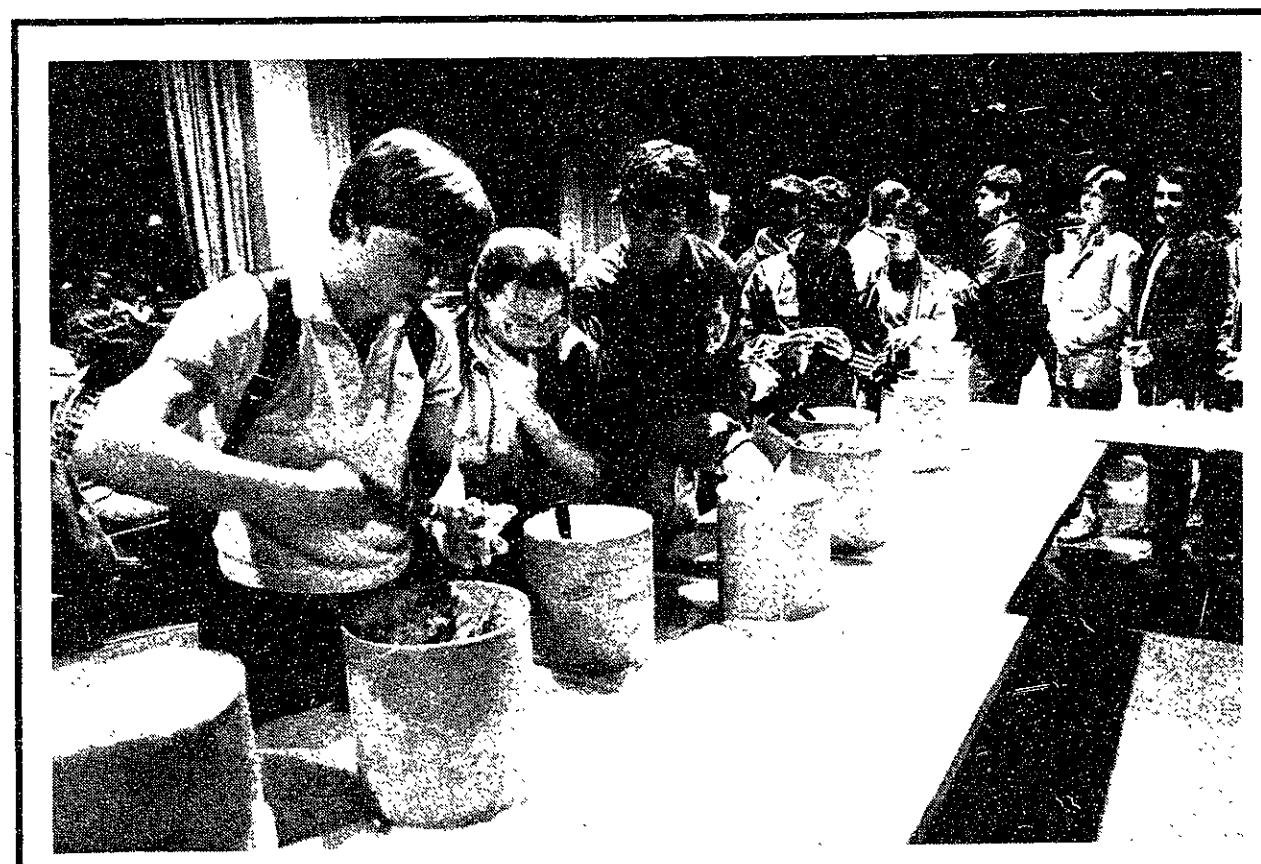
The Institute annually surveys salaries paid to professors at universities which compete academically with MIT, and the results of the survey are used to determine the competitiveness of the MIT professors' salaries.

For the 1983-1984 academic year, MIT paid full professors an average of $48,600 per year; associate professors $34,400; and assistant professors $27,200.

At those schools surveyed, average yearly salaries for the same period ranged from $38,000 to $58,000 for full professors; $27,300 to $37,200 for associate professors; and $22,900 to $30,300 for assistant professors.

According to the survey, MIT ranked sixth in average salaries paid to full professors, third in salaries paid to associate professors, and fourth in salaries paid to associate professors.

The unversities included in the survey are, in the order of decreasing professor's salaries: Rockefeller University, Harvard University, Stanford University, the California Insititute of Technology, Yale University, MIT, the University of Pennsylvania, Princeton University, the University of Chicago, Columbia University, the University of California at Berkeley, Cornell University, the University of Michigan, the University of Minnesota, and the University of Wisconsin.



Tech photo by Henry Wu

Students help themselves in Wednesday's Freshman-Sophomore Ice Cream Orgy which marked the beginning of the Spring Weekend this year.

inside

The Pretenders are back, and on stage at the Orpheum. **Page 7.**

* * * *

Peter H. Richardson '48, director of admissions, speaks out on admissions and enrollment in Course VI. **Page 8.**

the more things change . . .

From *The Tech*, May 1, 1934:

Technology men have long complained of the great distance between almost any two given points around the Institute, but for the first time an investigation by a reporter of *The Tech* has revealed that there is a basis for the complaint.

The average distance traveled by a Technology student during class hours was found to be about five miles. This measurement was determined by a reporter who carried a pedometer in his pocket for several weeks.

In rainy weather the person who wants to go from the end of Building 1 to the end of Building 2 without exposing himself to the elements must travel almost three-quarters of a mile, the pedometer revealed. This was the longest distance measured.

The second longest distance was from the dormitories [Senior House] to the Coop, almost half a mile. This is about an eighth of a mile farther than from the dormitories to the Kendall Square subway station.

The dormitory resident who wishes to stop at the information office, Room 10-100, must travel three-eighths of a mile to reach his destination, while it is a trifle farther from the Central Library [now Barker Engineering Library] to Walker Library [then located in the Francis Amasa Walker Memorial Building], not counting the elevator trip.

Following the reporter's meanderings from Walker to the track house [located where Room 26-100 is today] reveals this distance to be a quarter of a mile. It was also discovered that participants in the Technique Rush will have to travel but one-quarter of a mile to reach the infirmary [now Green Hall]. From the entrance at 69 Massachusetts Avenue [Building 5] to the Building 6 entrance was also a quarter of a mile.

The freshmen, it was found, travel the greatest distance. This was due mainly to drill, when three times a week the lower classmen march about a mile and a half each drill period. One day several weeks ago, a picture of the R.O.T.C. was taken on the steps of Walker, and that day the freshmen marched and marched for a total distance of two and a half miles.

From *The Tech*, May 5, 1934:

Opening its doors to the general public for the eleventh time in its history, Technology will hold Open House today from 2 p.m. until 10, under the auspices of the Combined Professional Societies.

Exhibits ranging from $25 traps for catching mice to a model of a generator which may with its 10,000,000 volts smash the atom will engage the attention of the spectators today. The latest in streamlined trains, homing pigeons, and other items of scientific or Technological interest will greet the guests . . .

Radio tubes, manufactured before the eyes of the visitors, will be given to members of the audience after completion. These tubes, however, will not fit the average radio receiver because they are experimental types built for special apparatus only. The entire apparatus for the tube manufacture will be open so that each step may be seen plainly. One tube will be made every fifteen minutes.

In the same room, a machine will test your breath by ringing a bell. Another booth will show that a woman's beauty is only skin deep. At still another, the Institute's electrical engineering students go the penny arcades one better by having a free peep show.

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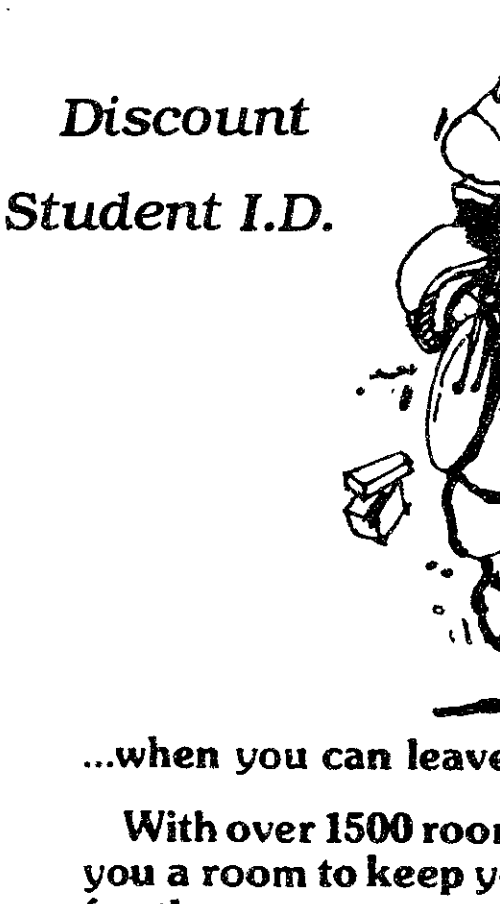

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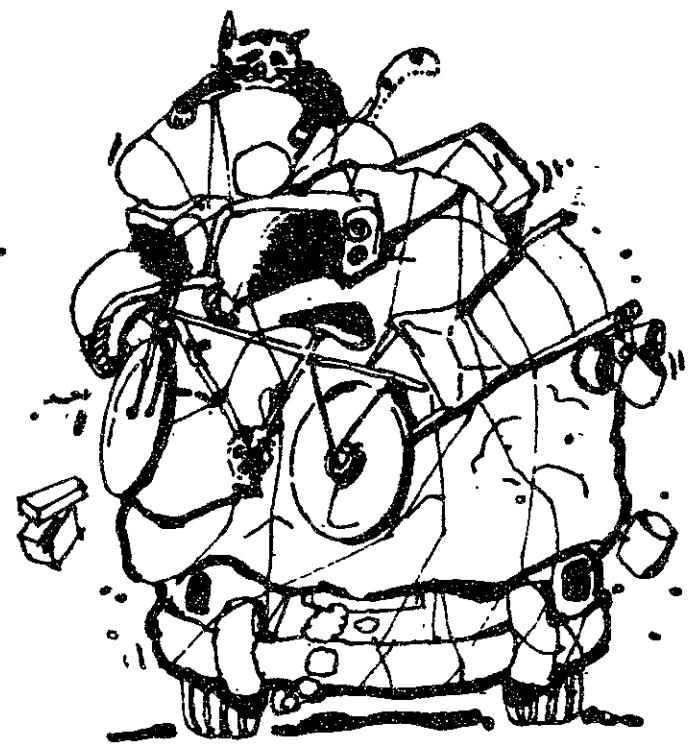

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news roundup

World

Syrians hold three Israeli officials — Syria is holding three staff members of an Israeli liaison office located in Christian-held Lebanese territory. Israel said it is holding Lebanon and Syria responsible for the arrest. The three reportedly lost their way Tuesday while heading north from Beirut, where they were fired on by a Syrian held border crossing. The Israelis then reportedly fled to Lebanese soldiers who turned them over to Syrian officals.

Solidarity disrupts May Day parades — Lech Walesa and thousands of supporters of the outlawed labor union Solidarity entered an official May Day parade in Gdansk, Poland on Tuesday. The marchers shouted Solidarity slogans as they marched past a Communist Party reviewing stand. Street clashes were reported in six cities as police dispersed the marchers.

Nation

Mondale wins Tennessee, Jackson takes D.C. — Former Vice President Walter F. Mondale won the Tennessee primary Tuesday with 40 percent of the vote, defeating Sen. Gary W. Hart of Colorado with 30 percent, and Rev. Jesse L. Jackson with 24 percent. Jackson won his first primary in Washington, D.C. with 63 percent, swamping Mondale's 30 percent and Hart's 7 percent.

Reagan pleased with China trip — President Ronald W. Reagan said Tuesday after his six-day visit to the People's Republic of China that he is heartened that China is accepting capitalism by allowing US firms to establish branches there. He also said he is optimistic about prospects for friendship and economic cooperation with the "so-called communist China."

Senate committee zones federal land — A Senate committee has designated 3 million acres of federal land as protected wilderness, while releasing millions more acres to logging, mining and other development. Approval of the bills broke a three-year congressional deadlock, and may allow several other wilderness proposals to pass Congress in the next few weeks. The bills will affect land in Arizona, Arkansas, Idaho, Oregon, and Washington, but will probably have an impact on much of the country.

Local

Markey withdraws from Senate race — Rep. Edward J. Markey withdrew his bid Tuesday for the US Senate. Markey had been the first to to announce his campaign for the seat after Sen. Paul E. Tsongas announced he would not seek reelection. Markey said this decision came because he felt he could best continue to work for arms control and on Central American issues while in the House.

Weather

Here comes the rain again — Mostly cloudy today with showers and a chance for thundershowers. Highs today of 58-62. Partly cloudy tonight with lows of 45-49. Showers again possible tomorrow, highs of 56-60.

Ronald W. Norman

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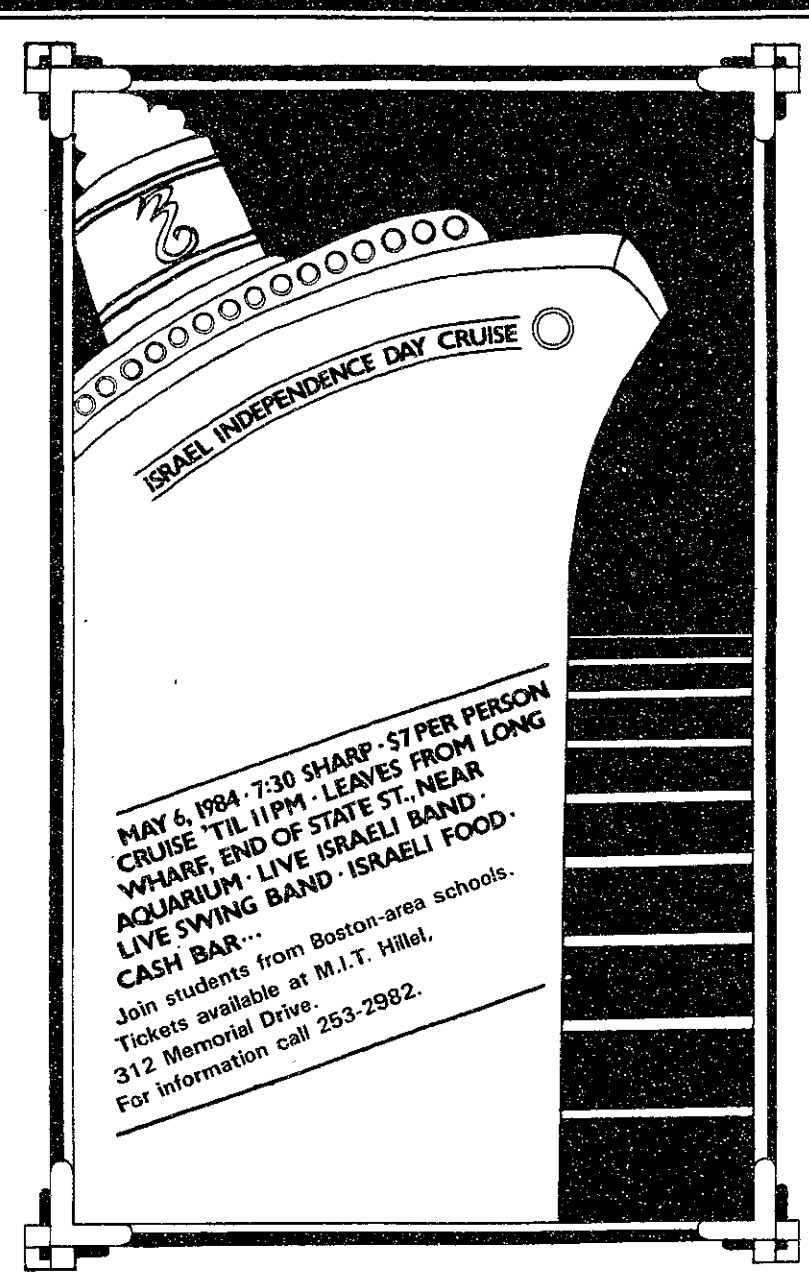

opinion

feedback

Baker's residents oppose commons

Editor's note: The Tech *received an open letter to President Paul E. Gray '54.*

Dear President Gray:

We are members of Baker House Dormitory and we would like to discuss some matters concerning the commons food program at MIT. As you are probably aware, Baker has staged various peaceful and non-peaceful demonstrations to gain attention to our cause. From boycotts to foodfights, Baker has been trying to gain your attention. We implore you to seriously consider what we have to say. Your staff at Dining and Food Services does not even attempt to make concrete improvements in the system. Their statistical summaries are never complete.

1) We believe that commons costs too much. Paying $7.05 for dinner next year is excessive. Most of our fellow Baker residents never reach cheap points. The fixed capital costs must be reduced, union contracts updated, maintenance services improved in efficiency; something must be done. With lower fixed costs both the Institute and we will benefit. Food buying practices must be examined and any hints of misconduct must be eliminated.

2) We also believe that an Institute wide *a la carte* system must be implemented this September. *A la carte* will serve two purposes. First, it allows us to pay only for what we eat. No more eating massive amounts of food just to justify the price we pay. Second, on an *a la carte* system the proper incentive exists to bring about menu changes. If no one eats an item, then it would be replaced by a more desired alternative. But ultimately, we have control over our diet.

Dr. Gray, we are adults and we wish to be treated as such. Please use your leverage to institute an *a la carte* system campus wide. Thank you for your consideration.

Wayne Greene '84
and 110 other Baker residents

The Tech

Volume 104, Number 22 Friday, May 4, 1984

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Little positive in most letters

To the Editor:

Over the past year, Robert E. Malchman and I traded about every printable insult imaginable, which was no doubt amusing to most readers of *The Tech*. Unfortunately, the real issues (if, in fact, there were any) were never seriously discussed at that time.

More recently, I have been called [Feedback, April 27] a racist, an intellectual and a "careerist student politician," whatever that is. I was urged in last Friday's letter to go "get beaten up" in the South African mines. Again, this sort of thing was amusing to anyone who picked up *The Tech*, especially my friends. However, a few "juicy" phrases are all anyone seems to remember of the letter.

My letter, a response to Shiva Ayyadurai's letter, ignored the central issue and picked on Ayyadurai's writing style. In reading his original letter, I sympathized with him, but thought his method of presenting his argument to be absurd. I also pointed out what I felt was a gross oversimplification, on his part, of the South African situation, but failed to elaborate. Simply put, I thought Ayyadurai's letter was not at all thought-provoking; my letter, in turn, was pretty trivial.

Then a third letter appears (with more references to me and my personal attributes than to the South African problem itself), which psychoanalyzes me and concludes that I am a racist for pointing out the shortcomings of Ayyadurai's letter. So in three weeks, and three letters, nothing worthwhile has been said on the subject of South Africa.

Last Friday's letter was not serious enough to offend or insult me; I can only shrug it off and hope that it had some entertainment value. I think, in general, that is the only value most letters to *The Tech* have. A few sentences of good, intelligent opinion are usually overshadowed by paragraphs of personal attacks and other sarcastic garbage (I've written a lot of similar garbage myself). I hope that in the future we can stop the flaming, and show that we are more intelligent, and less childish, than we have demonstrated in the past. Personally, I think it's kind of embarrassing.

Mike Witt '84

Trivializing of women's issues discriminatory

To the Editor:

I found the recent column by Jacqueline Gottlieb [April 24] amazingly naive and self-contradictory. She starts by complaining that the high visibility of women's issues here "blurs my vision" and "forces me to fight back, mostly for therapeutic reasons." Now that's a strong reaction, I would say. But she ends with "mostly, I laugh at all this;" and "I found [discrimination in Western society] amusing, rather innocuous, and even interesting."

In trivializing women's issues Gottlieb trivializes herself. Or does she consider herself to be above all the fray because she is "excellent" enough to be at MIT: "if to ten mediocre male engineers there is one exceptional woman professional, the male/female ratio at MIT and the frantic efforts to change it become pitifully meaningless." Gottlieb seems to be confusing excellence with surmounting sexist barriers that have nothing to do with technical mastery. What is wrong with having ten average (for MIT) female engineers alongside of the ten average male engineers? Will that somehow dilute her achievement at MIT, if there are more women around?

She goes on to say "being privileged from infancy never to have been discrminated against . . . I have not understood what discrimination [in Western society] is all about." Her lack of understanding of the women's movement in this country just makes her and her sometimes pained, sometimes flip, outcry appear foolish and ridiculous. Feminists are partly responsible for the presence of women in significant numbers at MIT.

I seriously doubt that the editors would have had the courage to publish such a column had it been written by a man. If they are so phobic of reverse discrimination that they feel compelled to publish opinions discrediting the Women's Weekend maybe they should examine themselves as possible practitioners (of reverse discrimination) in publishing Gottlieb's column.

Fanya S. Montalvo

Editors note: As explained in the policy statement periodically published in the opinion pages of The Tech, *columns represent the opinion of the author and not necessarily that of the newspaper. We encourage the airing of a variety of opinions on issues of concern to the MIT community.*

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

Columns are usually written by members of *The Tech* staff and represent the opinion of the author, and not necessarily that of the newspaper.

Letters to the Editor are written by members of the MIT community and represent the opinion of the writer.

All submissions should be typed, double spaced, on a 57-character line and bear the authors' signatures. Unsigned letters will not be printed, but authors' names may be withheld upon request. *The Tech* reserves the right to edit or condense all letters.

opinion

feed-back

Criticizing women's movement is wrong

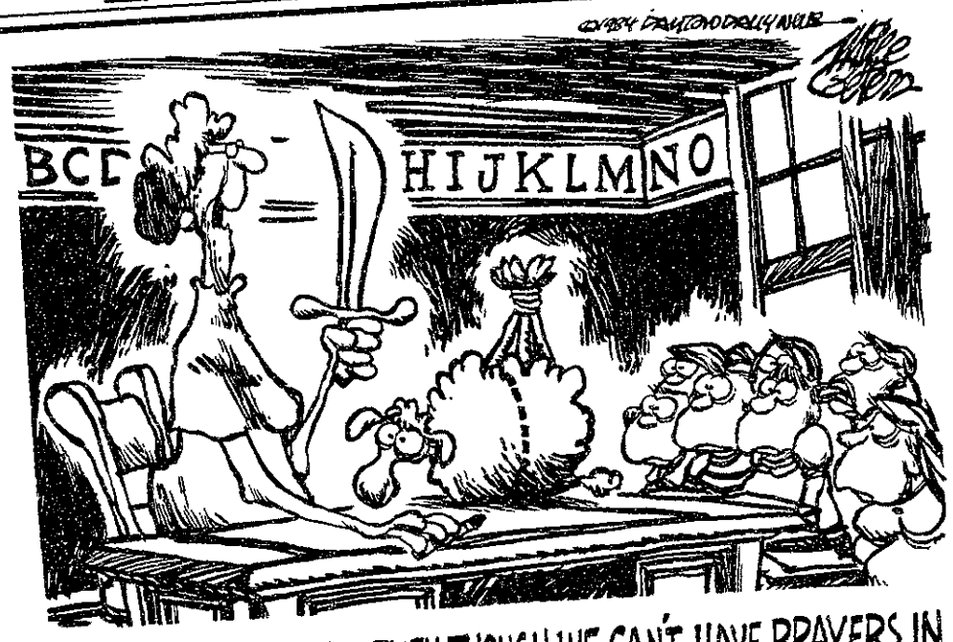
To the Editor:

If Jacqueline Gottlieb believes that she has never been discriminated against or harassed because she is female, then she is fortunate. This does not justify ridiculing those women who have been the victims of harassment. I assume that she does not really consider it "almost a pleasure" to cause someone to "spend long sleepless nights over the subject of their misery."

In addition being insensitive, Gottlieb is also naive. She claims that "talent and genius take little heed of the bodies or the societies in which they dwell." If that is the case, then we must conclude that the 19th century produced so few female novelists and composers because only men had talent and genius.

In fact, how many great scientists and engineers have been women? If we accept Gottlieb's arguments, the reason there are so few is that women are naturally less capable in these areas than are men. However, that women are intellectually inferior to men is only a hypothesis. A history of intellectual repression and unequal opportunity is fact. It is the imbalance of the past which is unnatural and not, as Gottlieb suggests, the current effort to correct it.

Phyllis Koton, G



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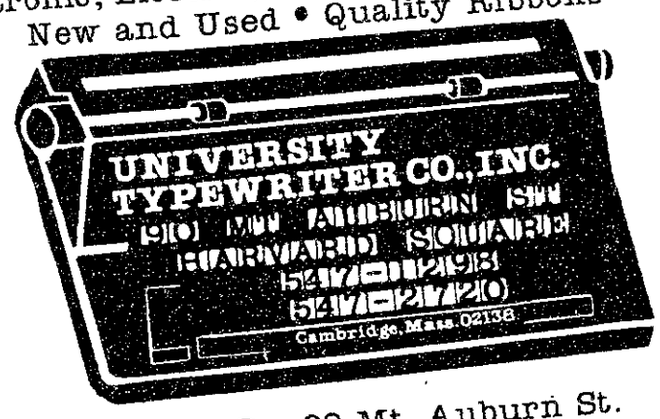

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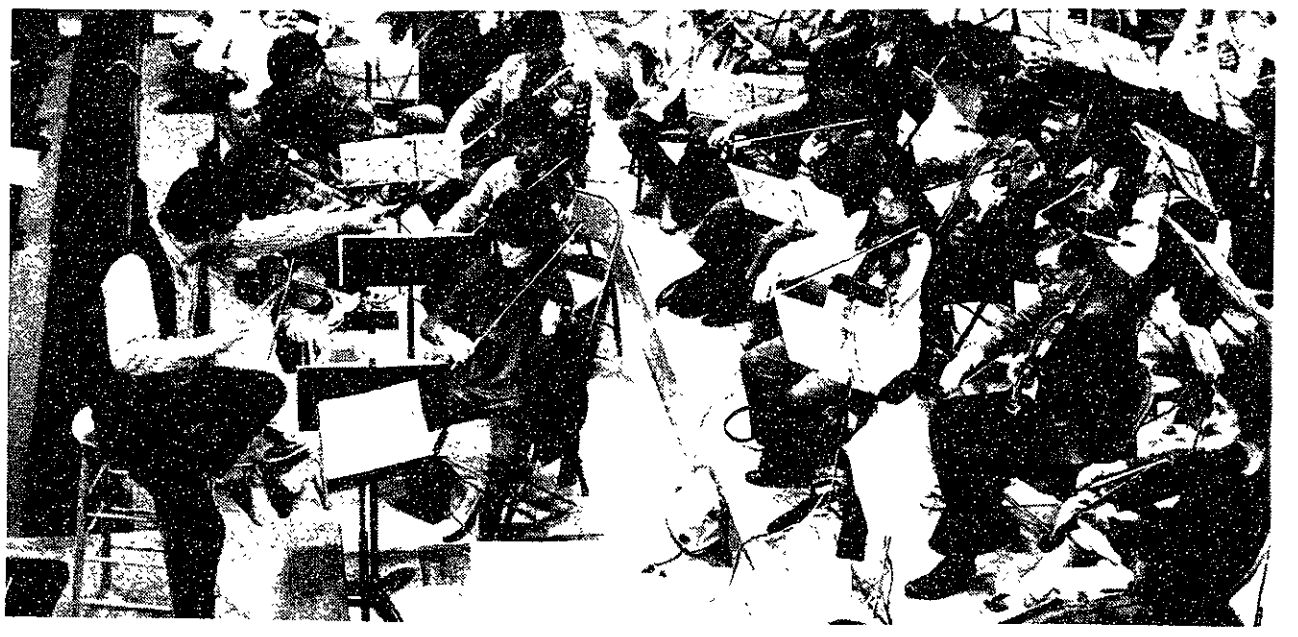
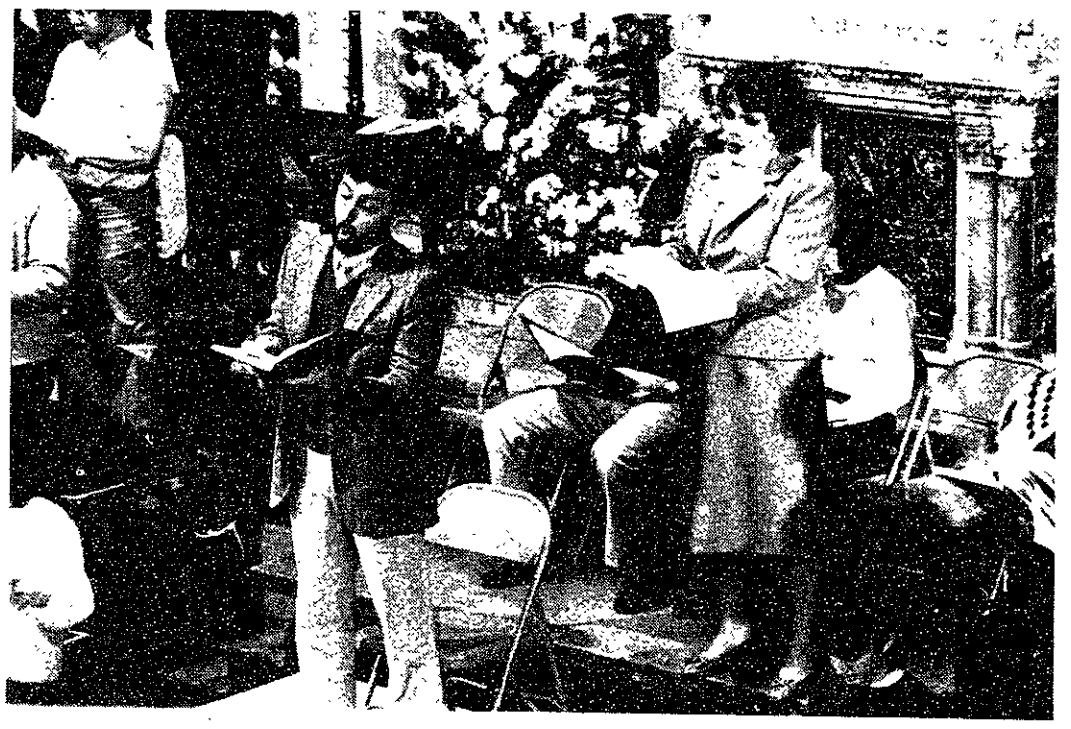
photo essay

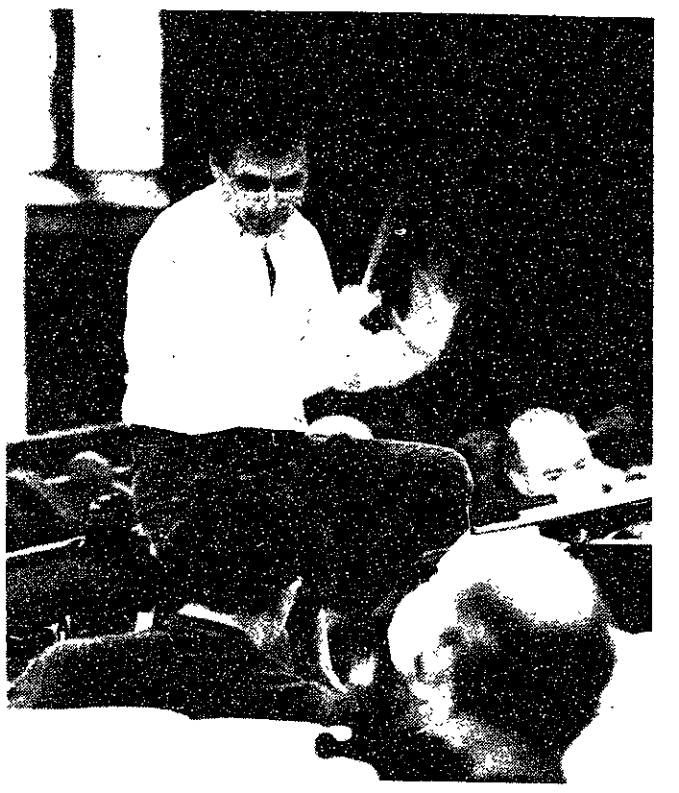
ELIJAH

The MIT Choral Society, led by John Oliver, conductor of the Tanglewood Festival Chorus, gave a performance of Felix Mendelssohn's *Elijah* last Friday. The chorus was joined by vocalists from New York and the Boston area, and a forty eight piece professional orchestra. The concert took place at the Sacred Heart Church in East Cambridge. These photographs were made at two separate rehearsals during the week of the performance at the same location.

Henry M. Wu







The Pretenders' triumphant return

ARTS

The Pretenders *at the Orpheum Theater, Saturday, Apr. 28.*

The Pretenders are, at long last, back. The band is touring again, although half the personnel are new to the group, and they released their long-awaited new album *Learning to Crawl* late last year. After an injury to their drummer postponed their 1981 Boston appearance, the band finally returned to the Orpheum Theater last weekend for three sold-out shows. Their Saturday performance, like their new album, was a display of their solid musicianship and creative writing ability.

The Pretenders wasted no time in energizing the crowd when they started their concert with "The Wait." The group continued with a series of upbeat songs before easing into a slower, more contemplative mood. The versatility of the band's styles created a danceable intensity that is sometimes reflective in nature.

This intensity displayed by the band set the concert and the Pretenders above the current barrage of populist bands. Chrissie Hynde has turned toward more stylized production and away from the raw sound of the group's first album. Two drug-related deaths within the band coupled with the birth of Hynde's child (Ray Davies of the Kinks is the father) have spawned a philosophical side evident in the group's recent performance.

Throughout the concert the Pretenders interspersed rough, fast-paced rockers with thought-provoking, moody music, with the middle of the concert being dominated by the latter. The show's middle section was highlighted by "Thin Line Between Love and Hate" and "I Go to Sleep." During these quiet parts, the emotion generated in concert amplified the feeling intended in the two songs.

At one point Hynde pointed out that the Pretenders are not apolitical, but are concerned with the "politics of love." Few bands manage to repeatedly write songs about love without having the lyrics eventually lose their integrity. The Pretenders' "love songs" maintain interest because they range in content from teasing songs like "Bad Boys Get Spanked" and "Tattooed Love Boys" to "Private Life," which concerns the more painful sides of love. They played a full range of such tunes at the Orpheum and kept the performance varied in content and in melody.

The band's roots surfaced again at the end of the show when they closed with "Mystery Achievement," "Up the Neck," and "Precious." Drummer Martin Chambers stepped to the forefront during these songs, and it was his energetic playing that put the thrust in the final portion of the show. "Up the Neck" particularly showcased his dynamic playing style as he pounded the rhythm, flipped water from a container into the air and tossed drumsticks in all directions. The reformation of the group has allowed Chambers, who along with Hynde is one of the two original Pretenders, to capture the spotlight as a figurehead leader of the band.

The Pretenders finished with a three-song encore which included one of the band's earliest hits, "Brass in Pocket." The encore capped a show which contained most of the songs that the audience wanted to hear. The Pretenders didn't have time to play all their hits, but their performance provided an evening of variety and energy.

The sole drawback to this concert was that it was performed at the Orpheum. The confining ushers there tend to breed lackluster crowds. The Pretenders, though, are not a band that should be watched while sitting down. The ushers would have preferred an audience that was restrained to its seats and not dancing in the aisles; "but not me, baby, I'm too precious. . . . "

Larry Coury

The first thing you notice about hell is all the poodles

Poodles from Hell, *written by Charles Monaghan, illustrated by Mick Stevens; Avon Books, unpaginated, $5.95 softcover.*

"At first I felt a lot like I was walking into a big, fancy party where I didn't know anyone, but a guy who used to be a tailor up in Canada came right over and put me at ease. He found me something cool to drink, introduced me to a few of the others, and then let me stand off by myself for a while so I could take everything in. Nice folks. Nice, nice place."

Regular readers of *The New Yorker* or *National Lampoon* are probably familiar with the warped humor of cartoonist Mick Stevens. In *Poodles from Hell,* he teams up with writer Charles Monagan to tell the story of Howard Inkley, "the first cartoonist ever to make it into Heaven." The celestial powers-that-be, concerned over public relations, commission Inkley to draw a series of cartoons depicting the advantages of Heaven over Hell.

Inkley, given total artistic control and free run of the afterlife, records his impressions of Heaven, Hell, and Purgatory, beginning with his death in a clothes dryer accident. Having accomplished his assignment, he then uses his new-found ability to travel through time and space to find out about the real story of evolution, chronicle important events in the rise of civilization, and provide a few tantalizing glimpses into the future.

Stevens' Klibanesque drawings are often hilarious and occasionally memorable; each section of the book begins with a page or two of explanatory text. Sometimes the writing is the best part; it's a shame Monagan doesn't get the chance to exercise his ability to be deadpan silly more often. But that's my only complaint, and *Poodles from Hell* seems destined to join the ranks of cartoon classics.

"What use society makes of my findings I cannot say. I have merely done what I saw as my duty. There were times when I was scared, yes, and times when I was baffled. There were times when I really, really had to go to the bathroom. If the so-called tastemakers wish to ignore my work, let 'em. I can live with it (so to speak).

"Now it's party time for me."

V. Michael Bove

MIT Dramashop produces *The Homecoming*, one of Pinter's major works. May 3-5 and 10-12, at 8 p.m. in Kresge Little Theatre. Tickets: $4.50/$3.50 for MIT/Wellesley students and senior citizens.

Art Newbury Street celebration Sunday, 1-5 p.m., Newbury street. Stop by and see Newbury Street transformed into a bedestrian mall from Arlington to Hereford streets. Featuring simultanious openings at 25 art galleries exhibiting all kinds of modern and traditional art. Outdoor performances. 267-9416 for information.

Psychology and Ethics, lecture by the Ethical Society of Boston, 44 Commonwealth ave. 267-2049. Saturday. Free. Speaker Stanley Wayne, clinical psychologist and president of the Boston Ethical Society.

100 Years of Music at MIT. MIT Symphony 100th Anniversary, David Epstein, conductor, Barbara Hughey, violinist. Dix, Brahms. 8:30 p.m., Kresge Auditorium, $1.

Robert Xavier Rodriguez's comic opera, *Sour Isabella*, (Sister Isabella.) Second night of world premiere, Friday May 4 at 8 p.m. in the Boston University Concert Hall, 855 Commonwealth Ave.

This weekend's LSC offerings:
- ☆ **Vacation**. Friday, 7 & 10 26-100
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- ☆ **Three Days of the Condor**. Sunday 6:30 & 9:30 26-100
- ☆ Classic: **Odd Man Out** Friday 7:30 10-250

A Choreographic Salute: *"Too Busby and Agassiz, with Love," a fancied re-View*, by Claire Mallardi. Tonight at 8:30 p.m.; Saturday at 8:00 p.m. and midnight; Sunday matinee 3:30 p.m. Presented at the Agassiz Theatre, 10 Garden Street, Cambridge. Tickets $6.00. 495-8683 for reservations.

Interview

Richardson discusses admissions, Course VI

Peter H. Richardson '48 has been Director of Admissions since 1972. He had previously served as Associate Director of Admissions and as a teacher in privateschools. Richardson announced earlier this week he plans to accept early retirement effective Sept. 1. The interview was conducted before this announcement.

Tech photos by Henry Wu

Q: What do you think is the place of the admissions office in combatting Course VI overenrollment?
A: To execute and implement policies that are decided upon by the faculty and the administration.
Q: What have they decided so far with respect to what the Admissions Office should do?
A: We should seek a more diverse student body, diverse in interests, and that's a very clear message. It's one that we always have been interested in but never had quite so much incentive to pursue.
Q: How has the admissions process changed over the last few years?
A: It's not a new idea, but we've gone through a phenomenon in the last four or five years where things have been going on well outside MIT that have a tremendous impact not only on us, but on institutions around the country.
Q: Like what?
A: Well, kids discovered there were computers, or parents discovered there were computers, and gave them to their kids. The marketplace has discovered that it needs people with a sense of how to deal with these new things; adventure games and all that became very common. So all of a sudden, we've got a demand for people with skills that seem to be linked to the ability to manage these machines, these new toys. And, at the same time, we've got an economic — depending upon whether you're a Republican or Democrat — downturn, disaster, take your pick, and so all these things have come together to make what you and I call Course VI more visible, more available as a means for coping with these items that I mentioned. So, as has always happened, students' interests and understanding of the job market track where the exciting, intellectual things seem to be going on . . .
Q: Do you find you're getting increasingly more students interested in computers applying to MIT as more of them discover what it is?
A: That's a question which I'm not sure I'm ready to answer. Yes, there are more of them, no question about that. There are more kids who are interested in computers. But then, that's true of the world at large. You go back 10, 20, 30 years ago and there weren't a lot of kids interested in computers. So the phenomenon, as I view it, is a function of these forces coming together. And they move relatively fast.

On the other hand, if you take a look at things like changing the faculty of MIT, even if you thought it was desirable, that takes place on a long time frame. A person comes here and becomes a member of the faculty upon graduation with their Ph.D. at 25 or 30 and then they work until they're 65; that's 35 years.

So changing the Institution to meet demands is not always easy, and if you've been reading about what the faculty's been doing — how much do you know about the discussions that have been taking place in the [Committee on Educational Policy]?

"I'm going to tell them that MIT reserves the right to restrict access to a particular department."

Q: I went to the open faculty meeting at which they decided not to take any action with respect to the Class of 1988. Do you know what action will be taken with respect to the Class of 1989?
A: I wish I knew.
Q: You're going to have to go across the country and start telling these kids things.
A: Absolutely.
Q: What are you going to tell them?
A: First of all, I'm going to tell them that MIT reserves the right to restrict access to a particular department.
Q: Particular subjects like 6.001 [Structure and Interpretation of Computer Programs] or majors like Course VI-3?
A: I think the language will be written so as to cover both those options. Our problem is to say today — because what we put in print today will be around for at least a year — things that will be open, forthcoming, and understandable; to give the potential applicants a basis for action, and at the same time not to tell them that something is going to happen that isn't going to happen. We've got a real dilemma, you're right.

I've got to be writing [the admissions] material now, and we have a draft that essentially says MIT reserves the right to restrict enrollment in certain, I think the word we used is "areas" — a nice vague word which means we can do anything we want.

I'm not talking about what is right to do now, I'm talking about how one deals with the ambiguity that one's dealing with today.
Q: Do you hope that things will be altered so that it doesn't become necessary to restrict access?
A: I do, yes. That's my personal opinion. I hope it will not be necessary to restrict access; but on the other hand, you can't tolerate the kind of increase in student body and the relative stability of the faculty in electrical engineering. One, just because you don't want to let the faculty people carry the whole load, and two, because if the number of students in any one department grows too fast, it kind of makes that end of the boat heavy, and you really want more balance than that — intellectually more balance than that. It's not the work, it's the intellectual balance.

And the other thing is, I have a very strong conviction, and I don't know whether I should say three years, or five years, or seven years along, but I have a very strong conviction that this problem will go away. I've been sitting in this office now for 12 years and I remember the day when the dean of engineering came down here and said, "Peter, you've got to do something for me and get me more students. We've got the world's best engineering school, and we don't have enough students." Well, that's not the problem that the electrical engineers are talking about today, and that's a 12-year period. Actually, it's less than that because I'd been here a couple of years before he showed up. So, by the time you're married, and your first kid is five years old, things are going to be a lot different.
Q: Did you do anything to get the dean of engineering more students? Did you alter your admissions policies in any way after he talked to you?
A: Yeah, we modified some of our publications. We talked about engineering a little more strenuously . . .

"I want to get to the point where the terminal is about as important as the telephone."

Q: You're going to do the reverse now?
A: Certainly. My staff will tell you that it's a little bit like swimming upstream because we've noticed over the last four or five years that as you talk to high school seniors when you ask them the question, "Well, now tell me what you're interested in studying," five, six, seven years ago, you were getting answers that range from all the way across the sciences, and occasionally an engineer. Now, they're all engineers. In other words, you're talking to kids who have different thoughts. Then, as now, if you say, "Well, now tell me what is electrical engineering?" or whatever subject we happen to be discussing at the moment, chances are pretty good that if you soften the question and say, "Tell me, when you say you want to be an electrical engineer, what do you envision that you'll be doing three to five years from now," they don't know. In fact, I'm sure some freshmen at MIT may have trouble with that one.
Q: Are these the same kids, but they have different ideas, or different kids?
A: Well, they're different kids, but they're the younger brothers and sisters of the same kids, all right? They're coming from the same communities, they're coming from the same families, but they're at a different point in time. If their older brothers and sisters came in this cohort, they would have looked very much like them, so it's timing . . .
Q: What particular policies are you going to employ when you're recruiting the Class of 1989? Are you going to talk political science to them? Are you going to admit a slightly different group of kids? Are you going to encourage them to take more English?
A: If you will go back and look at what we've been doing for the last 10 years, I believe that we've been recruiting for the broadest group of kids that we can possibly get. We talked about the writing requirement two years before it was a fact. We had to get that far out ahead in order to be talking to the people when it became a fact and we talked about pass/fail, we talked about UROP, we talked about economics and political science, we talked about what I consider the breadth and depth of this place. Be it athletics, be it women's issues, be it music, we try to say MIT is a lot more . . .
Q: Yes, you're presenting the entire range of the Institute to these kids, but do they then still say "Where are the computers?"
A: Yes.
Q: Is there anything you can do about that?
A: Here's a very practical problem. We've got Project Athena coming down the road. How do you talk about Project Athena? If you really listen very carefully to the [Project Athena] people, they are trying to design something which is truly broad, truly creative, truly educational — they don't always say that, but if you listen to them with your third ear, that's really where they're at. But if you don't listen with that third ear, you sometimes get caught up in some more mundane kind of stuff. Our problem is to go out and talk so people hear with that third ear, but all you have to do is say the word "computer," and what happens? You begin to think of a room, not unlike the one across the hall in the Glass Menagerie. Lots of little screens with people sitting looking at them.

I have a tool over there called a telephone. I use it all the time. It's not an important appointment in this office. I'd be helpless without it, but it's not an important appointment. If I set a terminal over there, it would change the whole tone of the office. And I want to get to the point where the terminal is about as important as the telephone. That's where it belongs.

Now, how do you get that message across? How do you get it across to people who want to believe [computers are] the new religion, the new magic, the new whatever.
Q: Priesthood, with them as priests?
A: Priesthood, with them as priests. And I don't want to make a bunch of priests, I want to get bright young people who think about ideas, who think about people, like to be involved in making society work, and I think it's a must that they use mathematics. But I'm really looking for something that's a lot more than that.

I think we, more than many around here, have been talking and and thinking and doing this for many years, but we're faced with a very tough dilemma. If we talk too much about the Course VI problem, I'm bringing everyone right back down to a focusing on this priesthood, as opposed to getting them to think about their education.

The reality is, I'm old enough to know that people who graduate from MIT don't do what they thought they were going to do when they were high school seniors, and probably don't do what they thought they were going to do when they were seniors at MIT. How do you get the message across to a group of people that are really anxious and really worried about how they're going to put food in their mouths?. .

I mean, [many students think,] "Gee will I ever get a job?" If anybody in this world is going to get a job, it's going to be you guys, and what you ought to be concentrating on is broadening yourselves both intellectually and as a person so that whatever set of problems you're dealing with six months, a year, two years from now, you've had some experiences that will stand you in good stead. Now how do you say that, either in writing or in conversation with a young man or a young woman in ways that they hear you?
Q: The faculty voted recently to waive the physics requirement under special circumstances? What do you think will be the effect of that, and what are the special circumstances?
A: The intent of the faculty was that most students will meet the requirements as they have in the past. But in cases where particularly talented young men and women haven't had the particular prescribed program that we talked about, there will be some flexibility allowed to us. We spent a lot of time saying to high school students, "You must get physics, and you must get chemistry." Now we can say, "You ought to take all of these, and if you don't, we ought to know why you didn't do it, but we can still consider you if you didn't," and that's a different kind of message. Time and time again, I've had to look at a young man or a young woman and on the 15th of October, say to them, "But you haven't taken any chemistry. It's OK for you to apply but you'll have to go to summer school next summer."

That really sticks it to you, you've got to really want to come to MIT to get over that hurdle. I now can say that "You really ought to have some chemistry in your background. Maybe you ought to read a chemistry book next summer, but go ahead and apply." There's a difference between the two comments. It's going to mean that we're going to be able to cast the net a little bit more broadly. The person that gets caught in this trap is more likely to be a woman as opposed to a man, so that I think that's a move in the right direction and I don't think any member of the faculty will ever know the difference unless they happen to go back and read the minutes of the faculty meeting. I certainly know, that as director of admissions, I have no intention of going out and trying to find different kinds of kids than what we've been getting. What I want to do is to increase the pool of the same kinds of kids, kids who are intellectually alive, kids who have high energy levels, kids who knew how to do math and wanted to, and yet be able to include in it kids who haven't had physics or chemistry.

One of the happiest moments of my week is when I get up and walk up and down this corridor and look at the faces of those kids coming down that corridor. That is about as diverse a group of people as you'll find anywhere; and certainly in terms of intellectual energy and capability, it's as bright.

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  Requires knowledge of 3D and 2D photo elastic modeling, including: modern fabrication methods, mold and model materials, equipment applications and analytical techniques.
- **ENGINEER—STRUCTURAL ANALYSIS/AEROELASTICITY**
  Develop advanced methods for analyzing flutter and forced vibration of gas turbine engine structures and design methodology for lightweight rotating structures. Must be competent in aeroelastic design and analysis techniques and be familiar with unsteady aerodynamic analysis methods. Experience in fan blade design is highly desirable.
- **ENGINEER—STRESS ANALYSIS/THERMALLY LOADED PARTS**
  Conduct detailed stress analyses of thermally loaded complex structures involving conventional analysis techniques and linear and non-linear finite element analysis. Knowledge of steady state, transient stress analysis and high temperature material behavior is required.
- **ANALYTICAL ENGINEER—COMPUTATIONAL FLUID AERODYNAMICS**
  This position requires experience in 2D and 3D computer analysis in computational fluid dynamics. Must have capability of independent work on numerical schemes, developing and extending physical models and applying the codes. Should be familiar with grid generation methods and have interest in developing and applying code to novel gas turbine related problems.

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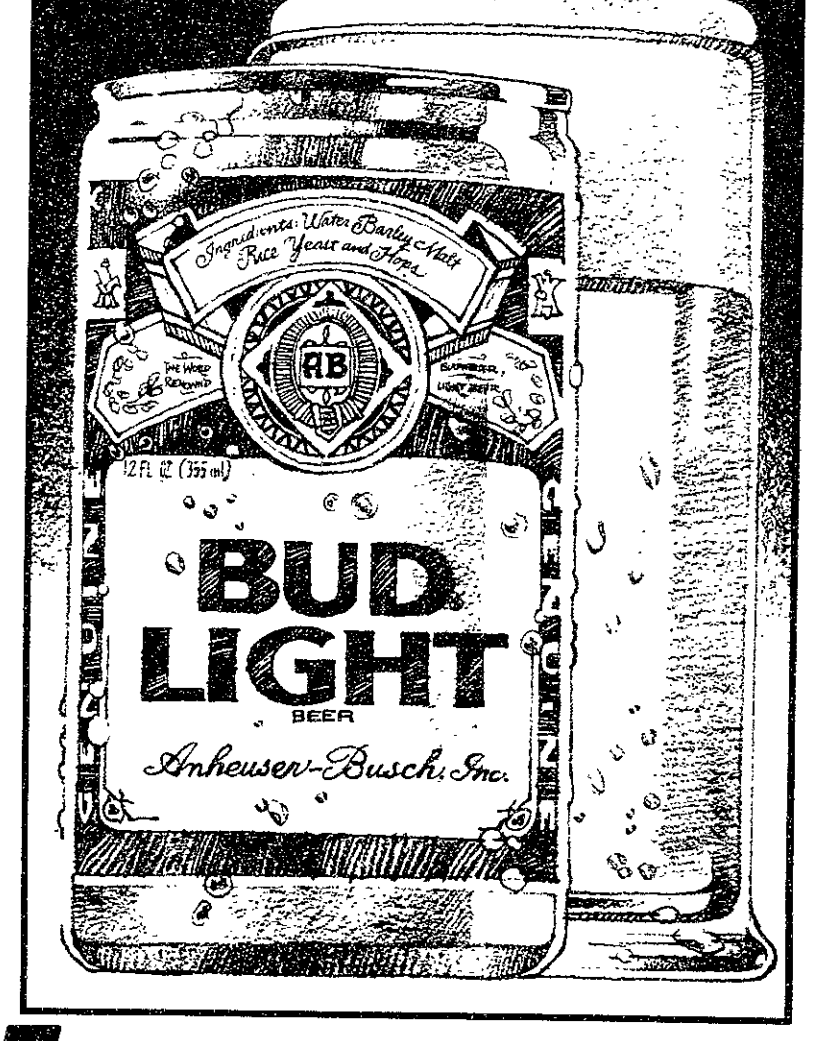

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Stickles
By Geoff Baskir

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sports

Women's varsity crew beats BU in Smith Cup

By Diana ben-Aaron

The MIT women's varsity crew defeated Boston University to win the Smith Cup Sunday for the first time since 1980. Boston University had held the cup for the last three years, according to MIT coach Mayrene Earle.

The eight-woman crew skimmed down the 1500-meter course in 4:55.9, followed closely by BU at 4:57.5. Northeastern University brought up the rear at 5:7.3.

Linda E. Mar '85 coxed the winning boat, with Elizabeth Bradley G at stroke. Other rowers were Ruth M. Fricker '85, Jocelyn M. Patterson '84, Linda E. Muri '85, Linda S. Siemer '84, Maureen A. Sybertz '85, Heidemarie Stefanyshyn '84, and Jeanne W. Simon '86.

The coach of the US women's Olympic team, Robert Ernst, invited Bradley to participate in the Olympic team trials as a result of her performance in the race, said Earle. Ernst was one of the starters for the race.

"The rest of the Olympic hopefuls have been training together for four years, so this is something really out of the ordinary," Earle observed. The trials will be held at Princeton the week of May 14.

This season is an unusual one for the other rowers as well, Earle noted. "Before this season, we lost every race for three years, but this year we have a 6-4 record so far," she said.

The junior varsity and novice women also raced BU and Northeastern Sunday. The first novice eight race was a photo finish, Earle said. "BU was two boatlengths ahead of them at the beginning, but MIT brought it up even going through the bridge and kept it there until the last thirty strokes. Our rowers gave them quite a race," she observed.

The women will again face BU in the final race of the season, the Eastern Sprints May 13 at New Preston, Conn. BU is the defending champion at the sprints, which will also include Yale University, Radcliffe College, Dartmouth College, and the University of Wisconsin.

"BU had a three-year winning streak until this spring. They won 35 races in a row until they lost to Princeton in April," Earle said.

Varsity sports for this week

Saturday, May 5

Men's crew (heavyweight): MIT and the University of Wisconsin at Dartmouth College (Cochrane Cup).

Women's crew: New Englands at Lake Quinsigamond (Worcester, MA).

Men's sailing: Connecticut College/Yale University Invitational.

Women's sailing: Regis Bowl at Brown University.
Softball: Nichols College at MIT (double-header), 1 p.m.
Men's Tennis: MIT at the University of Connecticut.
Track: New Englands at Bowdoin College.

Weekend

Men's sailing: New England Dinghy Championships at the US Coast Guard Academy.

Sunday, May 6

Baseball: Suffolk University at MIT, 1 p.m.
Women's sailing: Wheaton College Invitational.

Monday, May 7

Baseball: Northeastern University at MIT, 4 p.m.

Tuesday, May 8

Lacrosse: MIT at the University of Lowell.
Softball: Mount Holyoke College at MIT, 3:30 p.m.

Wednesday, May 9

Men's tennis: Wesleyan University at MIT, 2 p.m.

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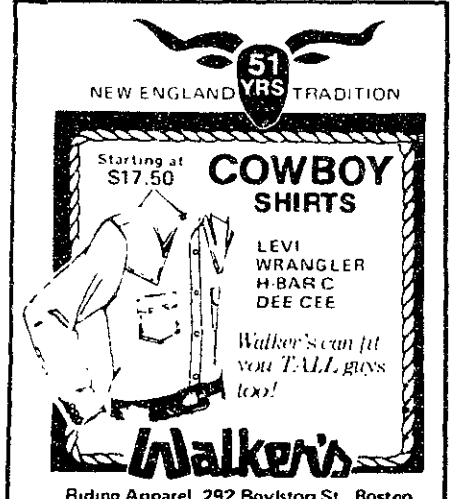

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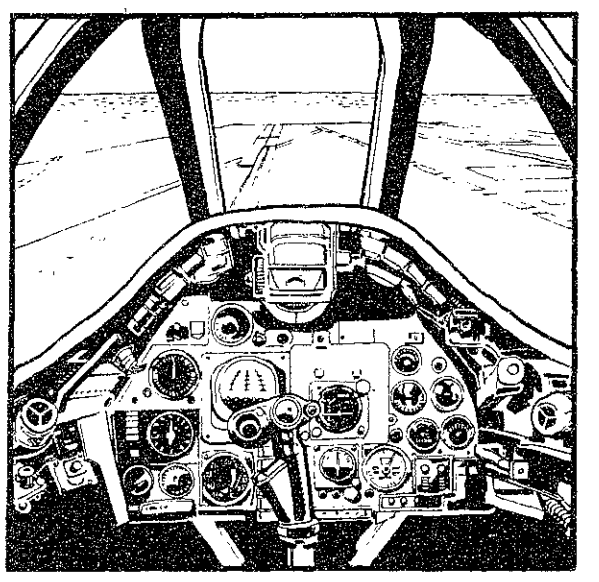

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