

UAP criticizes tuition at council meeting Academic Council discusses options for next year's tuition

By Katie Schwarz

The high level of tuition at MIT is having detrimental effects on student life, UA President Bryan R. Moser '87 told the Academic Council at the council's meeting Tuesday.

Moser presented a summary of the adverse effects of high tuition, along with graphs showing declines in students' earning power relative to tuition and a letter from a student, to the council in the confidential meeting. Graduate Student Council President Janine M. Nell G also attended the meeting, at which the council discussed several possibilities for next year's tuition.

"The understanding of the effects of high tuition can get lost in the facts and data and graphs," Moser told *The Tech*. The council should take into account the unquantifiable, but nevertheless real, impact of tuition costs on the quality of student life, he said.

Moser cited three possible consequences of high tuition in a memorandum he distributed to the council:

- MIT's image as the most expensive educational institution in the country dissuades some qualified students from applying, degrading the applicant pool.

- Students who work during the term or attempt to graduate early by overloading lack time for academics and social life.

- Students who incur large debts are unduly influenced by their potential salaries in choosing majors and careers.

The "self-help level" — the portion of tuition which MIT will not cover through financial aid — remains significantly higher at MIT than at comparable institutions, such as the Ivy League schools. "The differential is quite large," confirmed Vice President for Financial Operations James J. Culliton.

The gap between MIT and other schools has decreased slightly in the past few years, Culliton noted, but the long-term trend depends on changes in the economy and on the other universities' decisions.

Moser sought student input on tuition's impact; he also asked Joyce Gibson, director of the Office of Minority Education, Eugene R. Chamberlain, international students' advisor, and Shirley M. McBay, dean for student affairs, about how they felt high tuition affected students.

The vice president for financial

operations each year presents several options for tuition to the Academic Council, a group comprising all MIT deans and vice-presidents; the president chooses one option, and that decision is approved by the Executive Committee of the Corporation.

President Paul E. Gray '54 will decide next year's tuition some time next week, and the Executive Committee will approve it at its first meeting next month.

Individuals tell of tuition effects

The author of the letter distributed to the council, who wished to remain anonymous, said he cannot afford four years' tuition and plans to graduate a year early by overloading. He felt he has not been educated to his full potential because he has had to take too many courses at the same time, and the breadth of his course work has suffered because he has not had time to explore electives.

Another student who asked not to be identified told *The Tech* that his future options had been narrowed by high tuition. He will not be able to go to graduate school because he needs to earn money to repay his parents' debts, he explained.

AIDS colloquium set for March

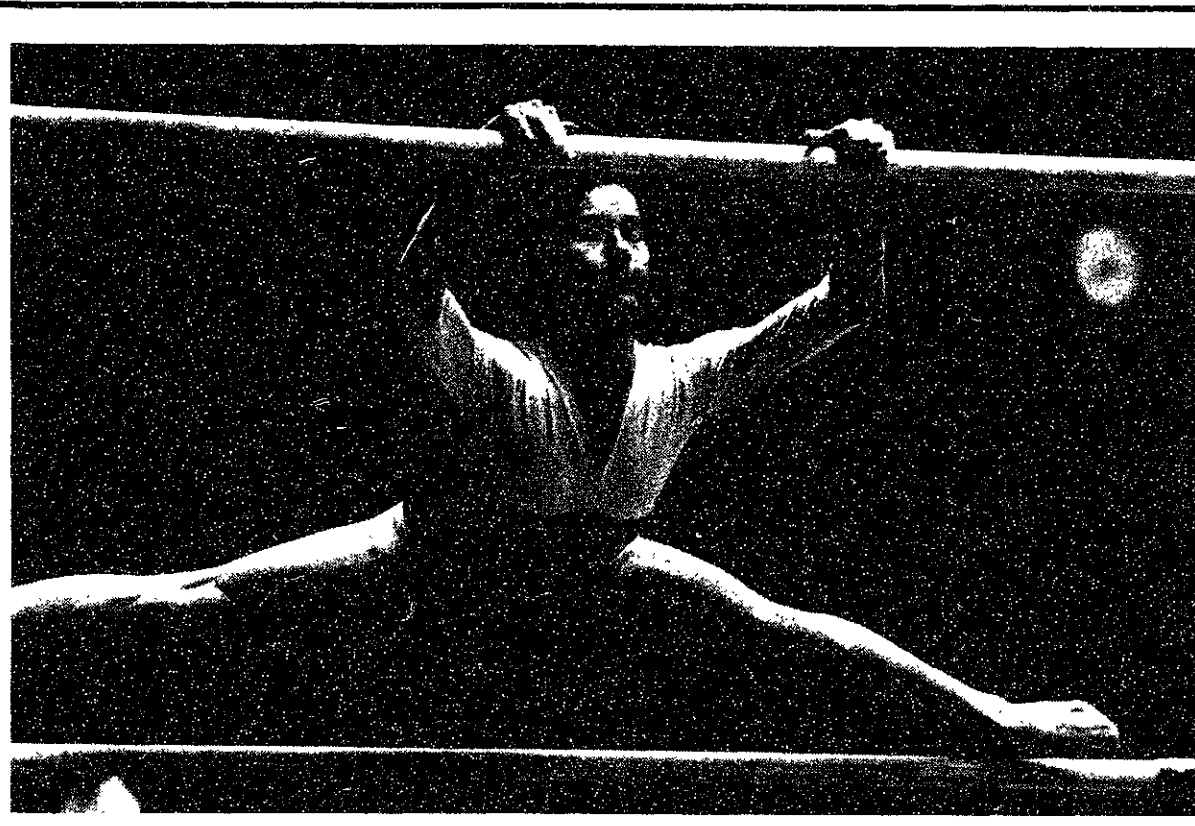
By Donald Yee

Acquired Immune Deficiency Syndrome (AIDS) will be the topic of the second Institute Colloquium, scheduled for Mar. 10. The Institute Colloquium Committee (ICC) and the Technology and Culture Seminar Program will co-sponsor the one-day event.

The ICC has planned another colloquium for Apr. 4, featuring Lester Thurow, professor of economics and management at the Sloan School of Management.

"The AIDS issue seemed to be different from South Africa [the topic of the first Institute Colloquium last November] in that it is important here at home," said ICC chairman Frank E. Morgan '74, associate professor of mathematics. "It's very natural to have a concern about this problem."

"This is not a cut and dried issue," explained Scott Paradise, chair of the program committee for the AIDS colloquium and Episcopal chaplain at MIT. "There are many important and controversial issues concerning AIDS, which this meeting will wrestle with."



Tech photo by Mark Abinante
Olga Kuhn '88 executes a free straddle mount Saturday. MIT placed second.

MIT to fund S. African scholarships

By Andy Fish

MIT will offer several scholarships for non-white South African students, according to a Jan. 30 letter to the MIT community from Associate Provost S. Jay Keyser and Chairman of the Faculty Mary C. Potter.

The scholarships represent a response to a December faculty

resolution calling on the Institute "to take every step possible" against apartheid, the letter states.

Two graduate fellowships will be established for black South Africans to study at MIT, as part of the South African Education Program of the Institute of International Education.

MIT will also join other local schools in contributing to the South African Scholarship Fund of the New England Board of Higher Education (NEBHE). The Institute will sponsor three three-year scholarships for non-white students studying at integrated South African universities. Over two dozen other colleges and universities already participate in the NEBHE program.

The letter also announced the formation of an MIT fund to provide additional scholarships for non-white South Africans studying in their country.

South African universities requested the scholarships, and were supported by several South African educational leaders, according to an NEBHE press release. Derek S. Henderson, vice-chancellor of Rhodes University, an integrated South African school, wrote to the NEBHE chairman, "I very much appreciate your organization's offer. . . . It is today very fashionable to cold-shoulder and isolate everything South African, without any deep concern for the effect that this has on those of us working for change from inside the country."

Keyser decided the scholarships were a good idea after meeting with the chancellors of South African universities last October, he said. "They asked for fellowships (Please turn to page 13)



Photo courtesy MIT News Office
Frank Morgan '74, head of the Colloquium Committee.

Student activists create pro- and anti-SDI groups

Feature

By Salman Akhtar

SDI — the Strategic Defense Initiative — has been one of the most passionately debated topics over the past year at MIT. Students at the Institute have formed groups both supporting and attacking President Reagan's "Star Wars" program.

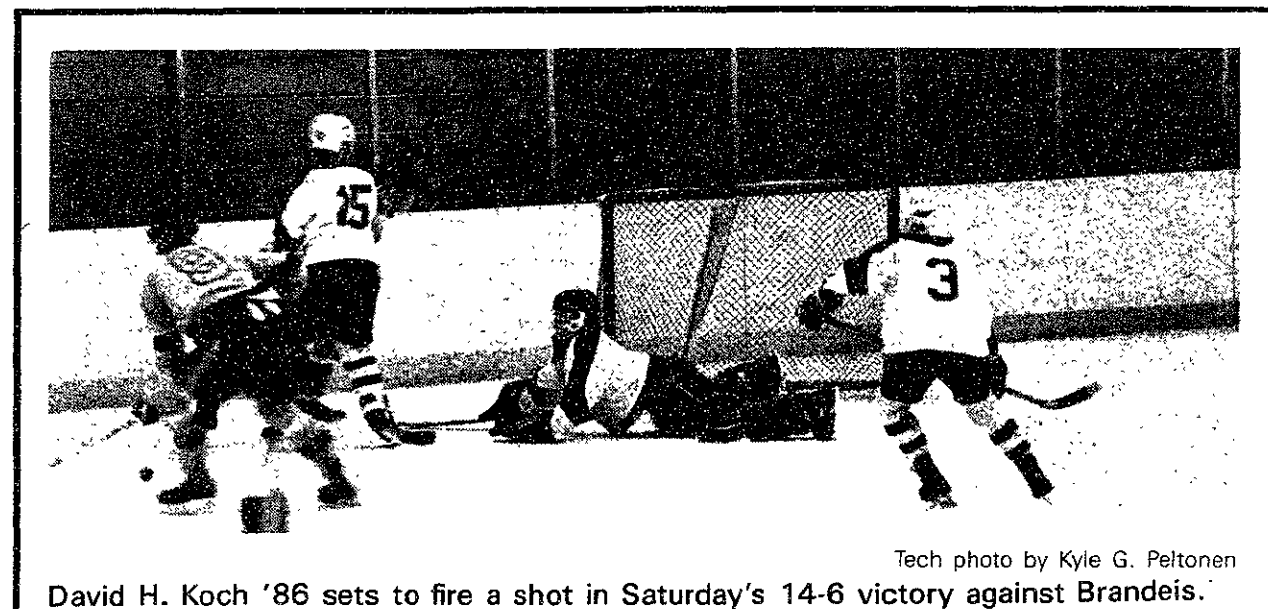
Both Rich Cowan G of Students Against SDI (SASDI) and John Pitrelli G of Students For National Defense (SND) claimed that their opposition represented only a small but vocal minority of the student body. Both groups aim to spread information and raise the level of awareness about SDI, hoping that more students

and faculty will be persuaded to agree with their point of view.

SASDI: worries on militarization

SASDI was originally an activist group whose purpose was to highlight the perceived technical difficulties and strategic dangers associated with SDI, Cowan explained. Members of the group are now widening their focus to what they term "the growing militarization of the campus" and other issues through a new organization called the Science Action Coordinating Committee.

The 50-member group is not necessarily opposed to research in such SDI-related areas as high-energy lasers, Cowan stressed. Rather, he said, SASDI is open (Please turn to page 2)



Tech photo by Kyle G. Peltonen

David H. Koch '86 sets to fire a shot in Saturday's 14-6 victory against Brandeis.

MIT joins program for S. African scholarships

(Continued from page 1)
for use in South Africa." The chancellors also asked for more funds, "including money to build dormitories," Keyser added.

"It seemed proper to draw attention to the inequities of apartheid," Keyser said. "The South African situation is . . . extremely dangerous because of the continuing and escalating violence," he said.

The South African scholarships will not divert large sums of money from MIT students, Keyser said, noting that the program's total cost to MIT is equivalent to about \$6.25 per MIT student. Students in South Africa are in danger and deserve the money, he said.

Activists unsatisfied

The move for scholarships was "a relevant and worthy gesture," said Willard R. Johnson, professor of political science and an advocate of the faculty motion urging divestment. "It is unfortunate that this seems to be the only thing the administration and faculty leaders are doing to act on the resolution," he added.

"If that [the scholarships] is all we do, it's really shameful," Johnson said. "We want to see more, and we expect to see more."

Many pro-divestment activists are opposed to scholarships for South Africans, according to a Jan. 22 article in *The Chronicle of Higher Education*.

Thirty American students critical of the South African scholarship movement met with a dozen South African students for three days in January. The American students accused officials on some campuses of using the scholarship campaigns to divert students' attention from divestment efforts.

The conference, held in Wisconsin, was sponsored by the Johnson Foundation and the Uni-

versity of Cape Town Fund, an American group formed to raise money for educational opportunities for black students at that university.

"Certain groups in the States feel an obligation to act, yet they feel that disinvestment will be very expensive to them," said Ochoro Otunnu, a Dartmouth student, in the *Chronicle*. "Some of them are trying to find an easy way out. This seems to be an easy way out."

The scholarships are not intended to divert attention from divestment, Keyser said. "If this was a cynical political gesture, it would have the opposite effect."

American students at the conference claimed it was "paradoxical" to encourage American institutions to take money out of South Africa and at the same time give money to the government-supported universities, the *Chronicle* reported.

"If you are calling for disinvestment, and you are calling for [scholarship money] it is a contradiction," Otunnu said.

Keyser did not view the scholarships as a contradiction. "You're giving money to students and taking it away from corporations. Where's the paradox?"

The South African students are also opposed to the scholarships to racially mixed schools, according to the *Chronicle's* report. William B. Boyd, president of the Johnson Foundation, said the students wanted American institutions to be careful about who received the money.

Groups other than government-supported universities should distribute the money, the students proposed. They cited the Educational Opportunities Council, an organization founded by Bishop Desmond Tutu and the United Democratic Front, a South African anti-apartheid group, as possible distributors of funds.

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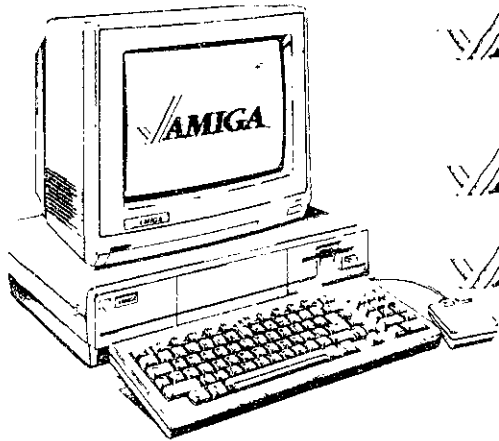
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news roundup

from the associated press wire

World

Soviets launch space station

The Soviet news agency *Tass* said yesterday that the USSR has launched a new space station. The station is designed to become a building block of a permanently manned orbital complex. The space station is named *Mir*, which was formerly the term for an independent commune of peasant farmers. *Mir* is also the Russian word for "peace." (AP)

Israeli troops disperse Finnish soldiers

Israeli tanks blasted a town yesterday in southern Lebanon, scattering Finnish members of the UN peacekeeping force. The Israeli attack followed a report Wednesday that guerrillas had killed one of two kidnapped Israeli soldiers.

An group called the "Islamic Resistance Front" has claimed responsibility for the kidnappings. The group says it killed the soldier because the Israeli army is still storming Moslem villages in Lebanon.

The two soldiers were captured Monday in southern Lebanon, and Israeli troops have been searching for the men for four days. (AP)

Portugese terrorists attack embassy

A left-wing Portugese terrorist group is claiming responsibility for Tuesday's car bombing at the US Embassy in Lisbon. An anonymous caller from the Popular Forces of April 25 claimed responsibility Wednesday for the attack, according to a radio station in the Portugese capital. It was the third attack on the embassy claimed by the group since 1984. (AP)

Liberia refuses to admit Duvalier

Liberia rejected a French request to grant political asylum to former Haitian president Jean-Claude Duvalier Wednesday. Liberia had been the only country to indicate it might accept Duvalier and his family, who have been living temporarily in southern France. According to Duvalier's lawyer, France officially rejected his client's request for asylum earlier the same day. (AP)

Senate condemns Philippine elections

The US Senate is questioning President Ferdinand Marcos victory in last week's election in the Philippines. The Senate Wednesday overwhelmingly condemned the Philippine presidential election, explaining that the balloting was marked by "widespread fraud" that puts Marcos' reelection in doubt. (AP)

Local

Report on toxic waste released

The New England Congressional Caucus released a report on hazardous waste in Washington Wednesday. It says that nearly 90 percent of New England's hazardous waste is generated in Connecticut and Massachusetts. Twenty percent of the region's toxic wastes are disposed of outside the six states.

The report said that more than 40 percent of New England's waste is treated or disposed of on the property of the business generating it. Meantime, 29 percent is managed at disposed disposal facilities away from manufacturers but within the region.

The 28 percent sent out of the region was handled mostly in New Jersey, New York, and Quebec. (AP)

Compiled by Akbar Merchant

Weather

A mixed bag

For at least the third Friday in a row, a winter storm threatens the Cambridge area. Cold, arctic air in the northern plains along with a vigorous low pressure system in the Mississippi Valley will spread mixed precipitation from Pennsylvania to Maine. It is too early to give snow-fall accumulations, but it appears likely that when the precipitation ends, it will be snow.

Friday: Cloudy with rain arriving. Rain mixing with sleet during the afternoon. By tomorrow evening snow will mix with the rain and snow. High of 45.

Friday night: Mixed precipitation changing to all snow. Low of 27.

Saturday: Snow ending then clearing. High of 33.

Sunday: Sunny. High of 30. A peek ahead to next week: stormy early, with highs 32-38.

Forecast by
Michael C. Morgan

Nation

Senate approves treaty against genocide

The Senate voted in favor of a 37-year-old treaty that makes genocide an international crime. The 83-11 vote ratifying the pact has already been approved by 96 other nations. The treaty began as a reaction to the Holocaust of World War II, when the Nazi Germany carried out genocide against European Jews.

The vote came after the Senate rejected an amendment that would have added persecution of political groups to the list of crimes outlawed by the pact. The treaty already makes it an international crime to kill or injure members of national, racial, ethnic or religious groups. (AP)

NASA names head of shuttle program

Former astronaut Richard Truly, who has flown two space shuttle missions, became the new head of NASA's space shuttle program yesterday. He said he does not know when a shuttle will fly again. Truly replaces Jesse Moore, who will direct operations at the Johnson Space Center in Houston. (AP)

Philippine news executive slain

The Los Angeles bureau manager of the *Philippine News*, Oscar Salvatierra, was shot to death Wednesday in Los Angeles. Salvatierra had received a threatening note the previous day that he would be "executed." The note also called the anti-Marcos newspaper "a disgrace to the Filipino community in the US." (AP)

ON-CAMPUS INTERVIEWS TUESDAY, FEBRUARY 25

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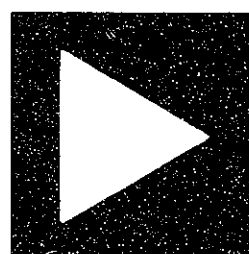
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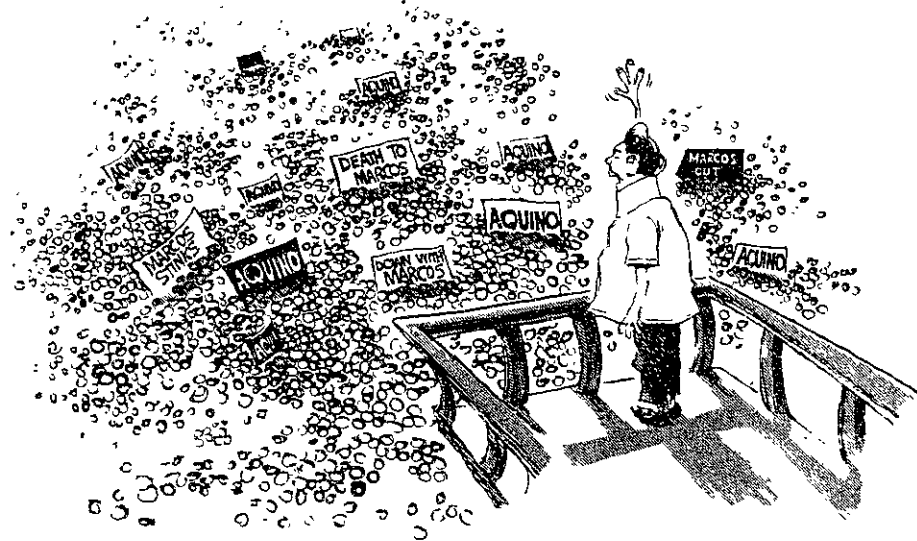
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opinion



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Column/Simson L. Garfinkel

Grade distribution to housemasters is good

On Tuesday, Feb. 11 in an editorial titled "Access to grades should be limited," the *Tech's* editorial board called for the Student Assistance Services group in the Office of the Dean for Student Affairs to cease its practice of releasing student grades to dormitory housemaster and interested faculty. I think that the board was wrong in making such a statement.

The distribution of student grades to housemasters provides the Institute with one more channel through which to find and help students who are struggling or have given up. As such, it is an invaluable practice which must be continued.

The editorial position was outlined in the statement that "academic counseling should rest with the academic advisor. . . ." Unfortunately, many students, especially in the larger departments, only see their academic advisors to get signatures on registration forms and drop cards. Some advisors are not concerned with the academic performance of their advisees. Some see their role as aiding the departmental bureaucracy rather than providing counseling and guidance. Other advisors who sincerely wish to counsel their advisees simply do not have the time.

Students compensate for shortcomings of their advisors in a variety of ways. Many find counseling in other faculty and staff members. Other students use their hall tutors and dormitory faculty residents. Students confer with each other. In general, students create their own counseling networks.

Usually this network makes up for problems with the academic advisor. Nevertheless, students still feel lost and forgotten when their advisors act as rubber stamps on registration day.

Often, academic failing reflects other personal or social problems a student might be experiencing. It is these kinds of problems which housemasters and hall tutors are in a position to observe and help a student correct. Such problems might remain hidden if housemasters did not receive student grade reports.

The distribution of student grades to housemasters is an imperfect system which relies on discretion and common sense. But benefits resulting from this system far outweigh the disadvantages and potential for abuse. Instead of calling for a termination of the policy, *The Tech* should have called for clearer guidelines regarding the uses and distribution of student grade records.



Thirsty Ear has to abide by law to keep license

To the Editor:
In order to prevent revocation of its liquor license under Chapter 138 of Massachusetts General Laws, the Thirsty Ear Pub accepts *only* the following as proof of age:

- liquor purchase identification card;
- driver's license; or
- passport.

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James M. Smelt G
Belinda J. Wagner G
and four others

Thirsty Ear Executive Committee

TheTech

Volume 106, Number 5 Friday, February 21, 1986

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Guest Column/Arthur Hu

Affirmative action may amount to preference

Second in a series.

In an affirmative action utopia, all groups would be represented in perfect national proportion in all areas of life. Most of us have been taught over the past decades that any differences from this ideal are simply the result of racism, sexism, and exploitation. Upon examination, MIT does not look like this at all. If anything, the Institute serves as a magnifying glass to enhance the fact that everything else is not equal.

Affirmative action seeks not only to eliminate individual discrimination, but also remedy group inequity by using preferences to force equal results. It tries to compensate for past discrimination, to create a social setting that includes all groups in areas where some may have been historically excluded. Affirmative action aims to create role models and opportunities so that individuals of all races may advance.

The 1964 Civil Rights Act prohibits discrimination by race in education. It directs institutions to actively promote, recruit, and provide special support for "underminorities." However, the Bakke case of the 1970s barred fixed quotas. Though benign in nature, preferences based upon race may still be a form of discrimination in the eyes of the law.

Colleges have used quotas to control "overminorities" in the past. In the early part of the century, ceiling quotas were often enacted against Jewish American students. In the past few years, there has been question as to whether Asian Americans are now facing similar discriminatory measures.

The official MIT standpoint on affirmative action is that the Institute makes special efforts to recruit and support minorities. While the Admissions Office makes "allowances" or show "special sensitivity" for minorities and women, it claims not to give sweeping handicap points to minority students. I was told that for minorities, MIT aims for a diverse population and places emphasis not so much on high test scores as to whether or not the candidate is adequately motivated and prepared to make the best of MIT.

By analyzing admissions and SAT test data provided by MIT

and national data from the College Board, I was able to determine what this means in terms of academic standards and admissions preferences. MIT is a school with extraordinarily high standards. Among white males at MIT, the median SAT scores on the mathematics and verbal sections are approximately 750 and 650, respectively.

MIT has six percent of all students who scored 750 or higher on the SAT mathematics section. Among minorities who scored that high, 17 percent — or three times the overall share — attend MIT. This indicates that MIT is very successful in attracting the top minority students. But not all of the minority students accepted at MIT did that well. While the total range of minority scores fell well within range of that of majority students, the median was 100 points below majority in both tests. Women scored the same verbal median as men, but trailed by 50 points in mathematics.

While MIT has not lowered minimum standards for these groups, there is a considerable difference in the medians, much more than can be accounted for by just "sensitivity." It appears that if some have gotten the impression that minorities are weaker than average at MIT, it may be because that is the way MIT chose to admit them, not out of any innate inequity.

Admission rates are also telling. In an applicant pool, each applicant "votes" for him or herself, and the resulting mix is a sort of applicant poll of what a "fair" population mix should be at MIT. Before 1978, admission rates for all groups were equal to, or slightly below that for all males, indicating that MIT pretty much agreed with the applicants as to racial proportions.

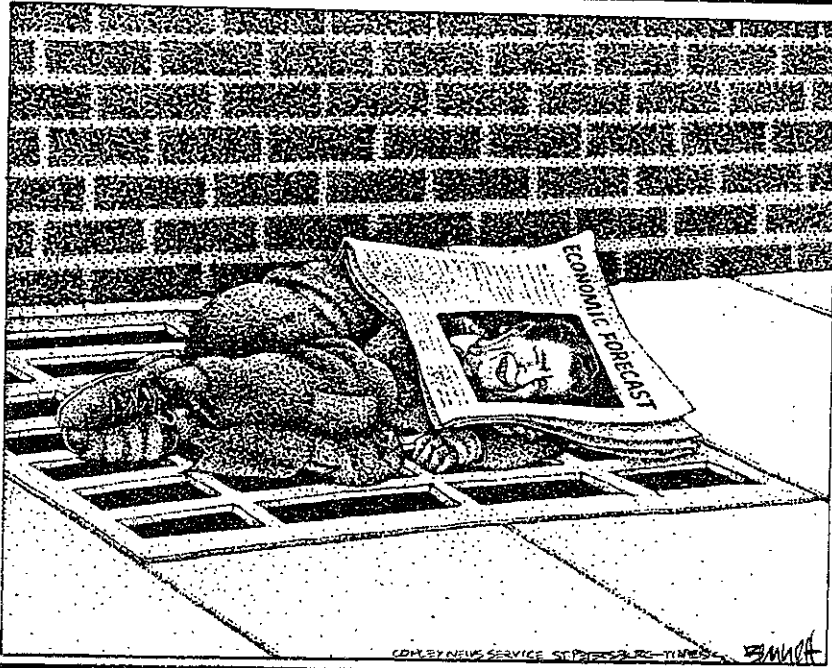
But in 1978, admission rates for Blacks and women jumped to 20-40 percent above that of males, with Hispanics following in 1980. Since then, admission rates have remained high for these groups with a single exception. In 1985, rates for Blacks were only average, and MIT saw a dramatic decline in the number of Black freshmen.

Even Asian Americans gained 10-30 percent as a group. This in (Please turn to page 7)

- A: Percentage of 18 year olds nationwide in 1984.
- B: Percentage of students nationwide scoring 750s in 1983.
- C: Percentage of freshmen at MIT in Class of 1988.
- D: Ratio of MIT representation to national representation.
- E: Ratio of MIT representation to national of scores of 750.

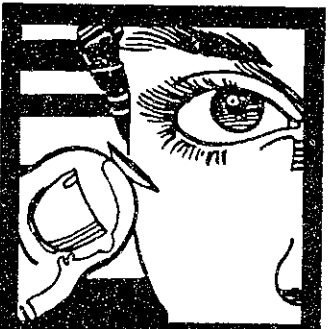
	A.	B.	C.	D.	E.
White	73%	84%	72%	1.0	0.9
Black	14%	0.5%	6%	0.4	12.0
Asian	2%	12%	17%	8.5	1.4
Hisp	7%	3%	4%	0.5	1.3
Women	50%	14%	29%	0.6	2.0

opinion



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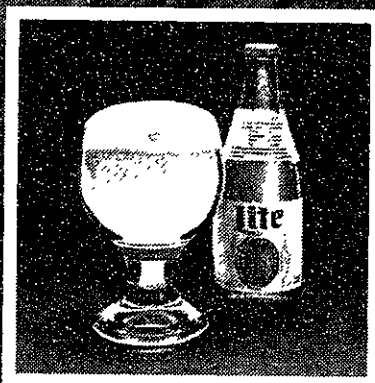
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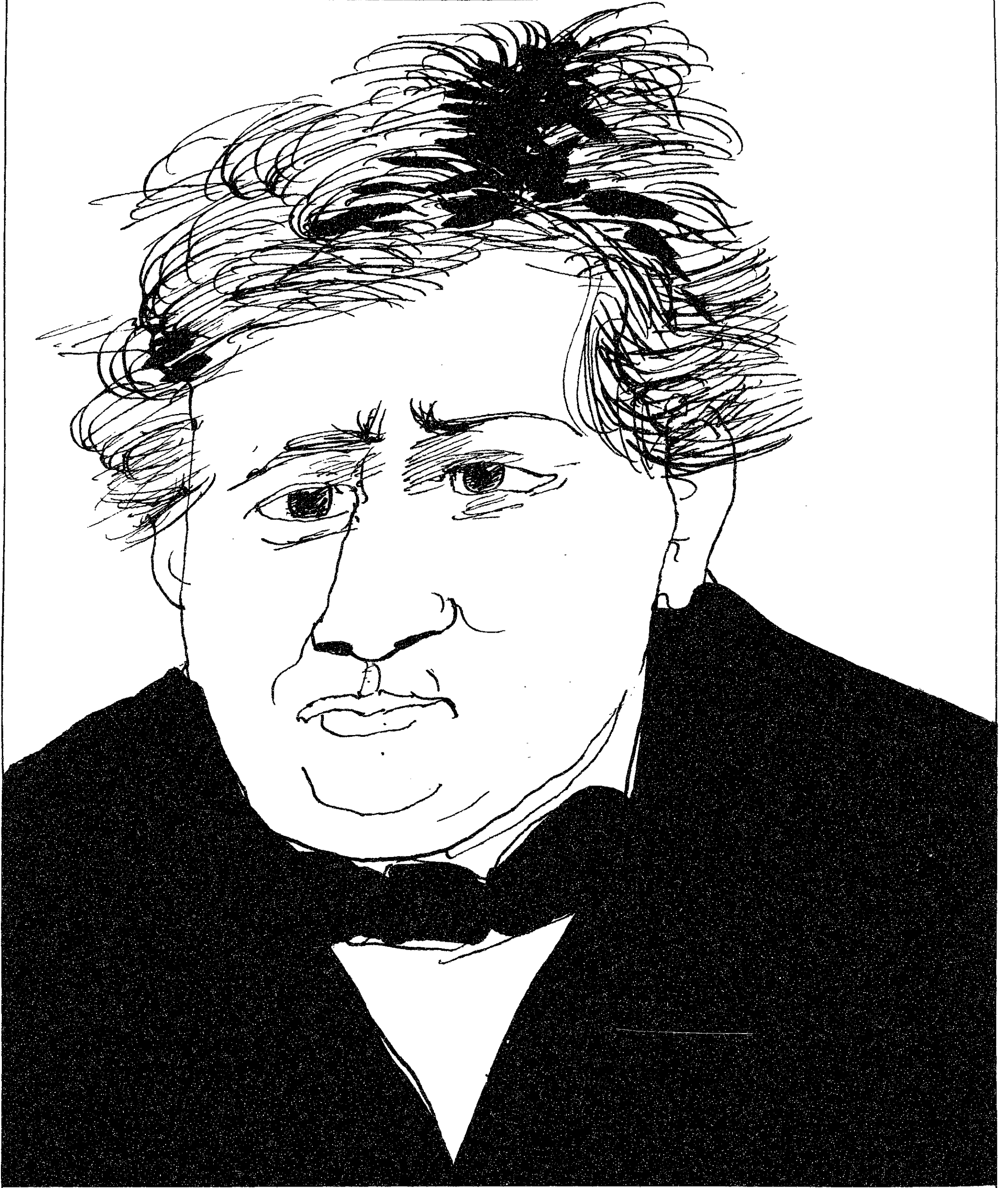


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opinion

Potential and merit, not racial proportion, should decide admission

(Continued from page 4)
crease was largely due to Asian American women, who benefitted from the overall increased admission rate for all women. In this later period, one could say that MIT became much more optimistic about the qualifications of minorities and women than the applicants themselves.

And what of national proportions? Let's compare MIT students with two such populations, first with all students, and then with all students who scored over 750 on the SAT mathematics section. [See graphic, page 4.]

While many believe that the ability to succeed in college is equally distributed among all groups, the ability to score 750s is not. Minorities and women are overrepresented compared to the SAT sample of people who scored above 750. But MIT looks at things other than SAT scores, as the wide range of interests and activities at MIT shows.

Asians are heavily represented, mostly due to a strong cultural bias which favors engineering. Though Asian Americans only make up four percent of students nationally, they are often 20 percent or more at many engineering departments nationwide.

MIT has no fixed quotas that I could find. A particularly suspicious trend was that total minority enrollments stood at a constant 28 percent between 1983 and 1985. But this did not apply to the actual admissions group, where any quota would have to start. Assistant Director of Admissions Marilee Jones said that, unlike other schools she has seen, MIT is proud of its diversity and does not believe that any group is unfairly overrepresented here.

Harvard is another story. A 1983 study by Asian American students showed that Asian admittance rates were lower than average, and falling. Enrollment data at Harvard indicated that the combined share of the two fastest growing groups, Asian Americans and Hispanics, was limited to 15 percent for the five years between 1980 and 1985, whereas the share had doubled in the previous five years.

Limiting enrollments of Asians may be justified, but it is quite another story to limit Hispanics. Harvard denied any quotas, but some weeks after I had pointed out these trends to them, the 15 percent "limit" vanished without explanation in the 1986 early admittance figures.

MIT showed some interesting population trends. While Whites and Blacks followed population trends closely, Asians and Hispanics grew much faster than the national rate since 1976. Asians increased 1.7 times nationally, but 3.7 times at MIT. Hispanics grew by 1.3 and 2.1

times, respectively. This could be accounted for by faster growth rates for the Northeast region and the 18 year old age bracket, and increased admission rates.

A decreasing college age population is causing much alarm about falling enrollments. Black engineering enrollments peaked in 1981. But so did the population of Black 18 year olds. Enrollment of women in engineering peaked at the same time as the total college age population in 1983, and the same year when total interest in engineering peaked.

Similar alarm is raised about falling Black SAT registrations. I found that they have actually kept pace with a decreasing population, indicating that the Black middle and upper classes have held their own. Drops in black registration are caused by the 50 percent of black college students at lower levels who do not take the SATs.

Here, we are probably seeing the effects of the disintegration of the financially disadvantaged class of Blacks. Despite massive social programs, the Black un-

derclass has become even larger and more dependent. Over half of Black children are now born into poverty stricken, fatherless households. If MIT has too few Blacks, it is not because it is not admitting enough of them. The problem lies in more fundamental social problems that deny blacks equal educational opportunity at a basic level.

MIT really believes that it does not use racial or gender preferences in admissions. But the evidence presented here strongly suggests that much of what MIT calls "sensitivity" may really amount to preference. The original intent of affirmative action was to eliminate preferences, not sanction affirmative discrimination. While many reasons remain for retaining preferences at some level, it is clear that MIT should not blindly set goals based on national racial proportions. MIT should concentrate on the merits and potential of individuals, in whatever proportions they may be.

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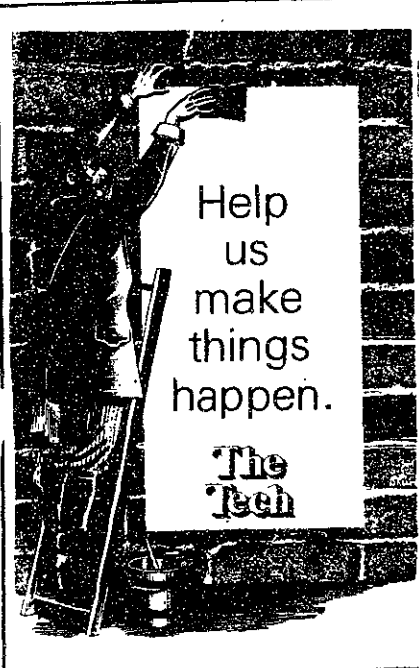


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**ENSEMBLE
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Pierre Boulez program

Pierre Boulez will conduct Ensemble Intercontemporain in a performance of his own work, *Repons*, in a special Symphony Hall concert. This promises to be an exciting event. February 24 & 25 at 8pm. MIT price: \$4.

BOSTON PREMIERE ENSEMBLE

Candlelight Salute to the Sun King

The Boston Premiere Ensemble, F. John Adams, conductor, will give their third annual candlelight concert, featuring soloists selected from a competition in January. The program includes works by Lully, François Couperin, Delalande and Charpentier. Church of the Advent, Boston, February 22 at 8pm. MIT price: \$5.

ACADEMY OF ANCIENT MUSIC

Mozart & Haydn on original instruments

Christopher Hogwood will conduct The Academy of Ancient Music in Haydn's *Symphony No. 45*, "Farewell," and Mozart's *Clarinet Concerto*, *Symphony No. 17* and *Adagio for flute and orchestra*. It was the Academy that launched The Tech Performing Arts Series a year ago. Last year we sold 230 tickets, this time we only have 100 to sell, so it's first come, first served! Sanders Theatre, March 4, 8pm. MIT price: \$8

Tickets will be sold by the Technology Community Association W20-450 in the Student Center. As opening hours are currently a bit sporadic, please call before you come. If nobody is in, please leave your order and your phone number on the TCA answering machine at 253-4885. You will be called back as soon as possible.

The Tech Performing Arts Series, a service for the entire MIT community from The Tech, MIT's student newspaper in conjunction with the Technology Community Association, MIT's student community service organization.

Get Out on the Town with The Tech Performing Arts Series. .!

SINFONOVA

World Premiere in Boston

Sinfonova will give the World Premiere of Delalain's *Topophonic Concerto* and perform Haydn's *Piano Concerto in D* with Aroutian Papazian as soloist for both. Tchaikovsky's *Serenade for String Orchestra* completes the program. Jordan Hall, February 28 at 8pm. MIT price: \$6.

Vivaldi's Four Seasons

In our recent "The Year in Review," The Tech named Sinfonova's October 16 all-Mozart concert "Chamber Concert of the Year." Conductor Aram Gharabekian is one of the region's most sensitive interpreters of music, and has proved he has something fresh to say about even the most familiar of works. Sinfonova's performance of Vivaldi's *Four Seasons* with Stephanie Chase, solo violin, is therefore likely to be a very exciting event. Also on offer in this Gala Concert will be the World Premiere of McKinley's *SinfoNova* and Tippett's *Fantasia Concertante on a theme of Corelli*. Jordan Hall, March 15 at 8pm. MIT price: \$7.

HUNTINGTON THEATRE

Saint Joan

The Huntington Theatre Company will perform Bernard Shaw's touching and comic telling of the Saont Joan story. Huntington Theatre, 264 Huntington Avenue, Boston, March 11 & 18 at 8pm. MIT price: \$6.

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**Campus Interviews February 25, 26, 27, 28, 1986
Sign up at the Placement Office, MIT Room 12-170**

HEWLETT



PACKARD

ARTS

The tragedy, comedy, and history of one South American family

THE HOUSE OF THE SPIRITS

By Isabel Allende;

Translated by Magda Bogin.

368pp. New York: Knopf, 1985. \$17.95.

By DIANA BEN-AARON

"BARRABÁS came to us by sea, the child Clara wrote in her delicate calligraphy." So begins Isabel Allende's first novel. Not for several pages does she reveal that Barrabás is not a relative or a slave, but a dog, albeit a member of the family who "liked ham and every known type of marmalade," who "slept by Clara's side with his head on her feather pillow and a quilt up to his neck because he was sensitive to cold, and later, when he was too big for the bed, he lay on the floor beside her, his horse's hoof covering her child's hand."

Allende takes her time focusing the scene: the capital city of a real or imagined South American country (the geography suggests Chile or Argentina). At center stage are the del Valles, Clara's family, who are the South American answer to Nancy Mitford's Radletts.

"In almost every family, there's a fool or a crazy person," Clara assured Alba while she concentrated on her knitting — in all those years she had not learned to knit without looking. "You can't always see them, because they're kept out of sight as if they were something to be ashamed of. They're kept locked up in the back room so visitors won't see them. But actually, there's nothing to be ashamed of. They're God's creatures too."

"But there's no one like that in our family, Grandmother," Alba replied.

"No. Here the madness was divided up equally, and there was nothing left over for us to have our

own lunatic."

Clara del Valle marries Esteban Trueba, her dead sister's fiancé, early in the book, and the Trueba del Valles build the "house of the spirits," a shifting maze of rooms in the capital. As the family grows, they divide their time between their city house and their equally haunted country estate at Trés Marias.

It is evident that one of Clara's descendants is telling the tale, with the aid of Clara's "notebooks that bore witness to life." But which one — Clara's daughter Blanca, her son Jaime the doctor, her son Nicolás the mystic, or Blanca's daughter Alba — is a puzzle that is not solved until the end of the book.



Blanca and Alba are the natural inheritors of Clara's telepathic powers, her vivid imagination and unnatural kindness, her defiance of Esteban Trueba. The three women ring slightly false in their irregular alternations between otherworldliness and practicality, but their vivid supporting cast of family, lovers, tenants, and animals lends them life.

The country's feudal political structure and rampant belief in the supernatural renders incongruous the clues from the outside world that make it clear the action spans the twentieth century. But some things are universal: the del Valles' idea of a good party is "five hundred guests invading the big house in the corner, enlivened by an orchestra of hired musicians."

The banquet, prepared a week before the party, consists of "half a steer roasted in the courtyard . . . fresh seafood, Baltic caviar, Norwegian salmon, birds stuffed with truffles, a torrent of exotic liquors, a flood of champagne, and an extravagance of desserts." Whether Magda Bogin's rendering is faithful to the original Spanish (*La Casa de los Espíritus*), or not, it is certainly poetic.

The House of the Spirits is built like a symphony, with stories repeating and echoing from one generation to the next. Blanca falls in love with a revolutionary and so does Alba. Clara's Uncle Marcos believes he can fly and brings horseless carriages and flying machines home from

telephones and flowerpots to pieces with his cane, her mother sneaking out with her clownlike valise, and her grandmother moving the three-legged table and playing Chopin without opening the piano, the school routine was simply unbearable. Her mother had warned her not to try to explain to her classmates what she had learned about human nature in her Uncle Jaime's medical texts and not to tell her teachers about the advantages of Esperanto over English. Despite these precautions, the headmistress had no trouble discerning the eccentricities of her new pupil. . .

The principal recurring motif is the supernatural, symbolized by Clara's three-legged séance table; and the three Mora sisters, a family of spiritualists; the fanciful monsters painted, sculpted or embroidered by the del Valle women; and the strange green hair that runs recessively through the del Valle family.

Through this family scrapbook, like a seemingly insignificant theme that unexpectedly erupts in a crescendo, runs a larger story of politics, power, and of course, revolution. The revolution happens "gradually and then suddenly." After decades of defeat, the Socialists win the Presidency from the ruling class in a fair election. The ousted aristocrats sabotage the country economically until civil violence erupts in a coup. Under the new regime, former patrons and young revolutionaries alike are terrorized by the military police.

Allende, a journalist who is related to Chilean president Salvador Allende, invests her revolution with more authentic terror than outlanders Joan Didion and Margaret Atwood can summon up in their Latin American revolution novels. At the end of the book, we learn the identity of the narrator, but not his or her fate. The end of the story, although clearly indicated, is left up to the reader.

his travels; Alba's Uncle Nicolás believes he can achieve nirvana and runs away to India. One young Trueba del Valle after another is sent to a British-style boarding school to learn everything except survival skills:

. . . For Alba, who until then had never heard of sin or proper manners for young ladies, who was completely ignorant of the boundary between the human and the divine, the possible and the impossible, who was used to seeing one of her uncles performing karate leaps completely naked in the hallways and the other buried under a mountain of books, not to mention her grandfather smashing

UA News

**ATTENTION ALL
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ASA GENERAL BODY
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PIZZA WILL BE SERVED!**

Check your mail for the agenda for the meeting and a list and description of officers and their duties.

**ASA OPEN HOUSE
FRIDAY, FEBRUARY 28, 3-5 PM
STUDENT CENTER**

Plans are now underway for the ASA Open House in the Student Center. Please check your mail for details. This will be a great opportunity for membership drives.

We're looking for
**PEOPLE and IDEAS for
SPRING WEEKEND 1986
APRIL 30th — May 4th**

If you have ideas and would like to coordinate or help, contact the UA office.

ATTENTION SENIORS

Senior Week '86 activities will include a Day Trip to the Cape, a Clambake, a Boston Harbor Cruise, a Cocktail Party, a Champagne Brunch, a Night at the Boston Pops and a Welcome Lounge for friends and relatives. However, in order to make these events successful and fun, Senior Week Committee needs YOUR help. The planning and coordination of these events must take place now. If you are interested in helping out in any way, please contact Kerry (225-7322) or Natalie (225-8297).

The Class of '86 Council has established a new policy to reward class members who help out with class activities. See the newsletter for more details on how you can get a "worker shirt" and a discount on Senior Week activities.

Drop by the UA office and let us know how we're doing.

That's the fourth floor of the Student Center, room 401 (W20-401, x3-2696)

ARTS

Arterberry — broad talent;
zealous volunteer creamed

TRENT ARTERBERRY

Kresge Auditorium, Feb. 15.

Sponsored by the Student Center Committee.

By AGA GOODSELL

THIS PAST WEEKEND Trent Arterberry shared the movements, the expressions, and the surprises of mime with an enthusiastic MIT audience. His special talent and experience were in evidence throughout the performance.

Most of Arterberry's sketches were comedies portraying different aspects of life. He spoke clearly with his body, and communicated his pointed messages to the audience. Some of his routines were on a more serious note, which displayed the broad range of his abilities as a mime artist.

Arterberry began the evening with a short abstract sketch, introducing an interesting pallet of mime contortions. He then went into several comedy sketches, followed by a more serious piece. In this sketch, called *War*, Arterberry showed the evolution of man, and our evolving ways of killing one another. He began with clubbing, making his way to "nuking" before — completing full circle — returning to clubbing.

The sketch called *Walkin'*, was of a different sort. This work resembled a piece of modern dance. With "jazzy" music, green light, and an umbrella, Arterberry combined mime with dance to create a new type of performance.

Perhaps the most enjoyable sketch was *Dinner for Two*. This piece portrayed a man spending hours preparing dinner for a date. When the dinner was completed he fell asleep, only to wake up and find that his date had stood him up. Arterberry decided to do something about the situation: he went out into the audience to choose a new date. The lady of his choice — who genuinely appeared to be taken by surprise — did an excellent job of going along with the sketch.

Arterberry next solicited ideas from the audience to improvise anything from bananas to a Polaroid camera. It was during these moments that he truly proved his expertise, not only as a mime, but as an improvisational performer as well.

The performance continued with the assistance of four volunteers from the audience. Arterberry's fourth — and most notable — volunteer was an uninhibited young male who gave quite a performance. Arterberry gave him a t-shirt with "Honorary Fool" printed on the back. He also gave the would-be performer a face full of white mime make-up.

Black light was the setting for Arterberry's closing sketch. He manipulated a fluorescent stick figure which imitated such legends as John Travolta and Michael Jackson (to appropriate music of course).

Arterberry gave an entertaining and exciting show, with curtain calls to boot. It was an evening not only of performance, but of education, in what is possible with the control and discipline of mime.

Bach on Steinway *gauche*;
Mozart tragically lyrical

THE BRANDENBURG ENSEMBLE

Symphony Hall, Feb. 16.

By JONATHAN RICHMOND

THE BRANDENBURG ENSEMBLE gave a pleasant if not sensational concert last Sunday afternoon. The program began with Haydn's *Symphony No. 57*; this is perhaps not the most interesting work in the repertoire and, though the Ensemble played it elegantly enough, it came across rather blandly.

Despite the example of the Hogwoods and the Pinnocks of the "Original Instruments" world, some people feel still that it is in order to play Bach romantically and on the piano. Emanuel Ax's performance of Bach's *Harpichord Concerto No. 5 in F minor* sounded *gauche* on a Steinway grand. Liberace would undoubtedly have done much worse — there was grace and control to Ax's playing — but the loss of clarity and structure that came from using an inappropriate instrument nonetheless emasculated the work.

Even Mozart is a matter of controversy today in arguments waged between pianofortists and fortepianists. Musicians such as Malcolm Bilson (who will be heard playing Mozart's *K. 271* piano concerto on Apr. 6 in Sanders Theatre) argue that the thick textures of the modern piano produce a muddle that obscures Mozart's classical harmonies. Others, such as Emanuel Ax, continue to play on more powerful and flexible Steinways.

There was much beauty in Ax's performance of *K. 271*, especially during the *Andantino*. The silky playing of the Ensemble highlighted the tragic lyricism of Ax's solo work, making for a compelling reading. But anyone who has heard Bilson's recording of the work on *Archiv* will know that he has a strong — if different — case, too.

The afternoon ended with a cheerful reading of Bach's *Brandenburg Concerto No. 3*. The Ensemble concluded as they had begun: elegantly. But this time the work they had chosen to play was a winner.

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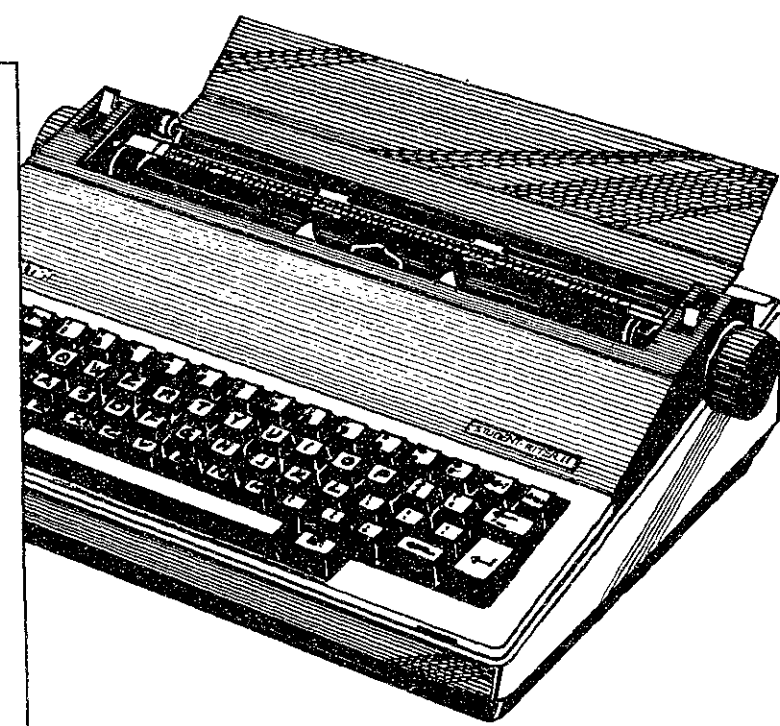
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I need some advice on fashion. I was in a terrific woman's store last week trying to pick an outfit for my interviews. There was a beautiful black tweed skirt for \$85 that went with a \$115 blue blazer. But then I didn't have enough left for a \$65 silk shirt.

So I found a different blazer of a lighter blue for only \$85. But there wasn't enough contrast with the shirt and I would've needed to add a brooch which cost \$40.

Then I figured I could wear a dress instead. But you need new shoes for dresses—shoes that work with skirts just don't transfer, you know—and the least expensive outfit I found like that was \$350. And that didn't include the belt that went perfectly.

Anyhow, I ended up going to my interview in sort-of nice corduroy pants that kind of matched an Oxford shirt I've had since 1980. And I don't think I'm going to get the job.

Help!

—Stripes with Argyles

DEAR STRIPES,

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**Thursday, February 27
9am to 3pm
Ashdown House Dining Room**

Sign-up are for next day (**February 28**) Placement Office interviews.
Please bring 6 copies of your resume.

HUGHES
AIRCRAFT COMPANY

Student groups hold opposing views on SDI

(Continued from page 1)
posed to the channeling of this kind of fundamental research into exclusively military use.

Cowan cited the case of a physicist working at Lincoln Laboratories as an example of the militarization of research. The researcher had been exploring the use of X-ray lasers in biological systems for the cure of diseases, but is now studying how these same lasers can destroy missiles and other projectiles.

The MIT community is, as a whole, against SDI, Cowan claimed. Although the majority of the students are opposed to "Star Wars," a small minority of students whom Cowan characterizes as "supporters of 'government defense by any means at our disposal'" is in favor of SDI.

The faculty hold similar attitudes toward SDI, Cowan contended, but he believed many are nervous about taking a stance on the issue for two main reasons. First, the Department of Defense provides a huge influx of research funds; secondly, professors want to avoid appearing "anti-research," he said.

An overabundance of defense research is dangerous because the civilian economy is no longer strong enough to support ever-increasing military research, Cowan said. Excessive defense research, which tends to be goal-oriented, would shortchange fundamental science and research in non-defense areas, he feared. Therefore, the Institute must contain the trend towards the direction of research towards defense purposes, Cowan explained.

SASDI members gather periodically to discuss SDI; they also distribute literature and have participated in demonstrations, as at an October talk by Lt. Gen. James A. Abrahamson '55, director of the SDI Organization, at Faneuil Hall.

SND: optimistic about SDI

SND is a newly created organization whose immediate goal is to counter the "the small but extremely vocal minority opposed to national defense," Pitrelli said. The group's founding members felt that the fact that SDI seemed technically difficult was being touted as a proof of its failure.

Over the past semester the group, whose nucleus consists of roughly ten people, researched SDI extensively. They concluded their studies convinced that SDI is feasible and went on to form SND. The group's first major event is to be a talk at MIT by Maj. Simon Peter Worden, the assistant to the director for SDI, titled "SDI: Success Is Almost Here."

The majority of the students simply lack the information necessary to reach a rational decision concerning SDI, according to Pitrelli. He feels there is a need to balance what has so far been "a lot of anti-SDI noise from a few mouths."

Pitrelli characterized the situation among the faculty as similar: a few anti-SDI professors distort

the issue, he said. Activists against SDI are always extremely vociferous, he asserted, but supporters tend to lend at best tacit support because their stance implies the maintenance of the status quo.

Pitrelli interprets the change in focus by the anti-SDI activists as a sign of retreat: initially they had emphasized the technical impracticality of SDI, then its strategic difficulties and now the "militarization of the campus." It is to him a classic case of "jumping from one pot to the other when the water gets too hot" because by now almost everyone, according to Pitrelli, has realized that SDI is feasible.

However, SND perceives some people within the MIT community opposing its ideals.

SND remains confident that it will be able to garner support from most of the community, regarding the anti-SDI movement as "pretty bankrupt" and "more interested in opposing SDI than just determining the truth." It sees its task as informing the MIT community of its side of the debate on SDI. The group plans to continue hosting lectures and distributing literature as long as anyone opposes SDI, which they concede may well be a long time.

**ATTENTION ALL
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sports

Track defeats Bentley, UMass

(Continued from page 16)

edged out for third place in the 55-meter high hurdles.

The Engineers came back in force in the intermediate sprint events, taking first and third places in both the 400-meter dash and the 500-meter run. Co-captain Dan Lin '86 easily won the 400-meter dash with a personal best of 50.38 seconds. Teammate Ted Bosey '88 held on to finish third.

In the 500-meter dash, Marc Light '88 also had little problem in taking first place, and Charles Parrott '87 ran a very strong race but was edged out at the finish and forced to settle for third.

Donohue, having proved that he could throw the 35-pound weight, returned to win the 5-meter dash by a wide margin.

Sean Walker '89, an up-and-coming freshman star, led a fast 800-meter run but was outkicked in the final lap to finish third. Classmate Anand Dighe '89 had a strong finish to follow in

fourth. In the other middle-distance race, the 1000-meter run, Kyle Robinson '89, another freshman standout, had little trouble in winning. Teammate Brian Callaghan '87 followed in fourth with 2:42.12. The Engineers' showing in this event sealed the victory.

In the final individual event, the grueling 3000-meter run, Sean Kelley '89 ran his strongest race of the season. Kelley won for the first time by hanging on the leader's tail and then taking the lead for good with three laps remaining. Early leader Turan Erdogan '87 finished fourth.

The final event of the evening, the 4x400 relay, showcased the intermediate sprinters Bosey, Parrott, Light and Lin. Bosey hung tough for the first leg in staying close to the leader, and Parrott took the lead, which MIT never relinquished. The relay's victory margin was about 40 meters.

Gordon Kelly, in his 24th season as head coach, raised his life-

time coaching record to 122-47-3 with this victory. Kelly was proud of his team's performance tonight and this season, as often the team performed above expectations. Although this meet concludes the season for some of the Engineers, many of the team's members will travel to Bates College today and tomorrow to defend their indoor New England Division III title.

(Editor's note: Christopher Y. Kim '86 is the manager of the men's indoor track team.)

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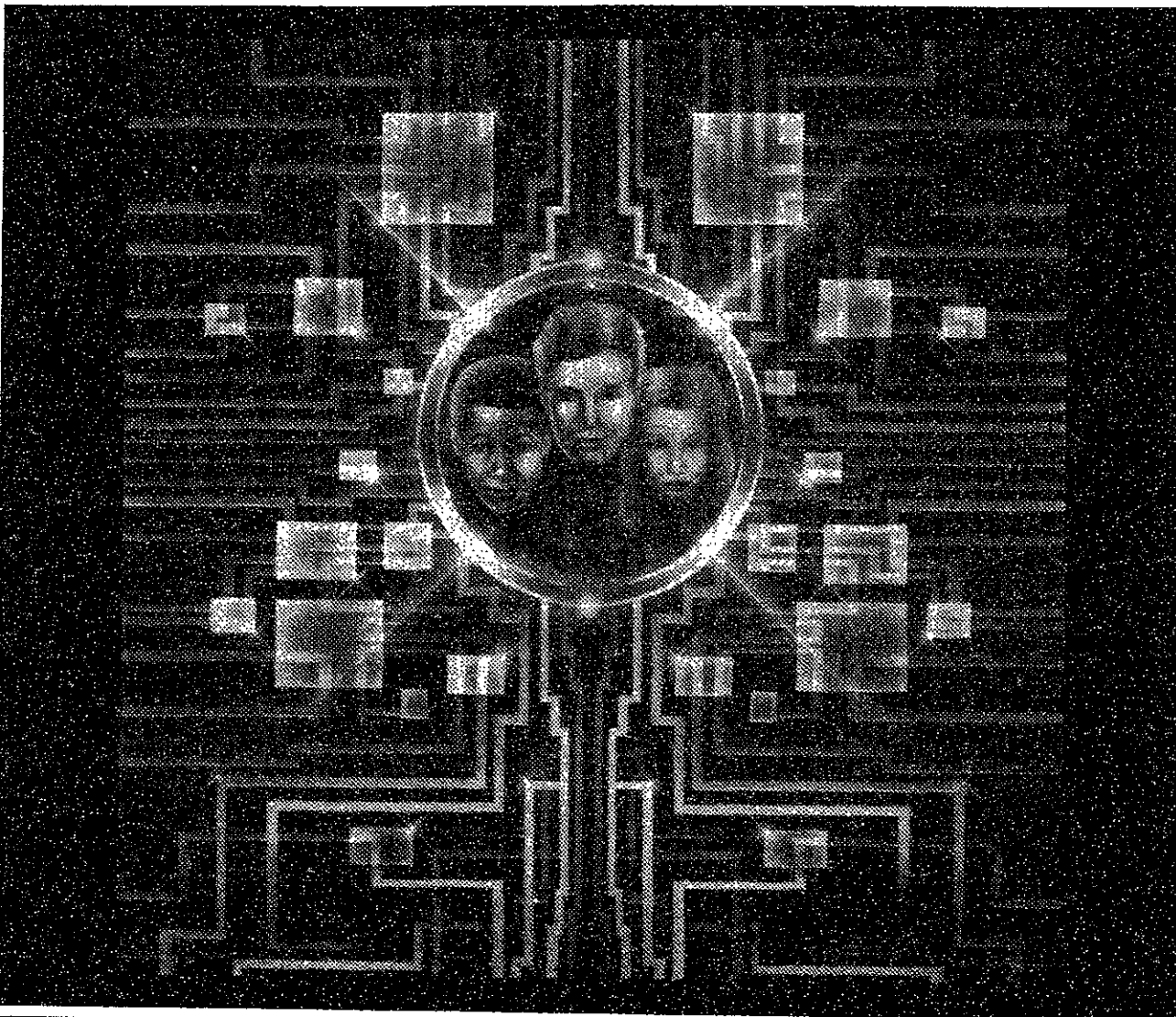
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sports

Tufts slam-dunks MIT, 83-60

By Alison C. Morgan

George Washington survived the bitter cold of Valley Forge. Abraham Lincoln abolished slavery. But MIT could do nothing right last President's Day, as Tufts University walloped the Engineers 83-60. The Engineers held their own for most of the first half, but were blown out in the second.

MIT played shorthanded with foul-plagued starters playing intermittently. Bruce Mihura '88, Tech's top threat in the middle, fouled out with 17 minutes remaining in the game; Evan Pratt '87 followed him to the bench a few minutes later. Top scorer Mike McElroy '87 was dismissed late in the second half.

Tufts kept MIT scoreless for the first four minutes of the game. Mihura threw a full court pass for a quick layup inside and the score was 6-2 Tufts. Craig Poole '86 netted a turnaround jumper from the foul line to bring Tech within two. On the very next play, Tufts began its gamelong pilgrimage to the foul line.

Things looked promising when MIT's Mihura tied the game 10-10, with a babyscoop in the lane. Tufts answered back twice, but MIT wasn't finished as Poole scored off an assist from Jarrod Fraser '89 to bring Tech within two.

Tufts game high scorer, Vern Riddick, hit from the corner. MIT freshman Fraser kept the Engineers alive, breaking up two consecutive Tufts fast breaks. Fraser followed up his own rebound and MIT was down by two, 16-14.

Tufts widened the margin to four and Fraser broke up another Jumbo fast break. Two plays lat-

er, MIT's Bernard Loyd G took all of Tufts team to the hoop with a determined layup, keeping Tech within four. Loyd snuffed a Tufts stuff on the following play; Mihura suffocated the next Tufts try, but was called for his third foul.

Tech wasn't beaten yet and a McElroy fast break brought them within two. The Engineers converted on the foul line and Fraser prevented another fast break. Tufts sank a few more foul shots, and a Tech fadeaway banker with eight seconds left was the only thing between MIT and a double-digit deficit. The halftime score stood at 40-31 Tufts.

Both team exchanged baskets at the beginning of the second half. The scoreboard read 44-34 when the referees called four fouls in less than a thirty-second span. MIT was never within ten again.

The Engineers (6-17) face their biggest and final test of the season against New York University tomorrow at 7pm in Rockwell Cage. "NYU is a challenge-and-a-half," O'Brien admitted. "Tufts is one of the top ten teams in Di-

vision III in New England while NYU is one of the top ten [in Division III] in the country."

Engineers (60)

	FG	FT	Rb	A	PF	TO	Pts
Poole	1-6	2-3	5	0	4	5	4
McElroy	6-13	1-6	10	0	5	2	13
Mihura	2-3	2-4	5	0	1	2	6
Nelson	3-9	2-2	8	1	1	8	8
Evans	0-1	5-8	1	0	1	4	5
Fraser	3-9	0-3	1	1	2	2	6
Pratt	2-3	0-0	3	0	5	2	4
Csgrnd	1-1	2-4	4	1	1	2	4
Loyd	2-7	4-6	6	1	4	2	8
Rita	1-3	0-0	1	1	3	0	2
Sauer	0-0	0	0	0	1	0	0
Totals	21-55	18-36	50	5	32	29	60

First Half: Field Goals 13-25; Free Throws 5-11. Team Rebounds: 6. Blocked shots: 2 (Mihura 2). Steals: 3 (Fraser, Loyd, McElroy). Fouled out: Mihura, Pratt, McElroy.

Tufts (83)

	FG	FT	Rb	A	PF	TO	Pts
Davis	8-26	5-9	16	1	2	2	21
Brunson	1-4	2-4	2	0	4	2	4
Reich	3-11	3-5	6	0	4	5	9
Siegel	1-3	0-3	4	2	3	1	2
Robinson	1-4	4-4	3	6	2	1	6
Riddick	9-11	5-9	9	0	4	2	23
Jacobsen	4-9	0-0	5	1	3	1	8
Pachman	2-3	0-2	5	0	3	2	4
McDrmtt	1-1	0-1	1	0	0	0	2
Boyd	0-1	0-0	2	0	1	0	0
Lippert	0-0	2-2	1	0	0	2	2
Garach	0-0	0-0	0	0	2	0	0
Feinberg	1-2	0-1	2	0	1	0	2
Totals	31-74	21-40	64	10	29	18	83

First Half: Field Goals 13-32; Free Throws 14-25. Team Rebounds: 8. Blocked shots: 2 (Davis 2). Steals: 6 (Reich 3). Technical Fouls: None.

Tufts Jumbos 40 43 - 83
MIT Engineers 31 29 - 60
A-200.

Men swimmers beat Bowdoin

(Continued from page 16)

vidual races. Joe Lo '86 owned the pool in short freestyle races, scoring victories in 50 and 100-yards. Sprys was toptide twice, winning by more than two seconds in both 200-yard individual medley and butterfly. A third MIT swimmer, Peter Neirincx '89, had a triple ripple with firsts in 200-yard individual medley and breaststroke and a second in butterfly.

MIT vs. Bentley, UMass-Boston

55 meter hurdles — 1, Ivanov, Bentley, 7.98; 2, Berg, Bentley, 8.56; 3, Vanu Bose '87, MIT, 8.61.
55 meter dash — 1, Mike Donohue '87, MIT, 6.81; 2, Amos, UMB, 6.90; 3, Farrell, Bentley, 6.94.
400 meters — 1, Dan Lin '88, MIT, 50.38; 2, Ivanov, Bentley, 51.33; 3, Ted Bosey '88, MIT, 52.25.
500 meters — 1, Marc Light '88, MIT, 1:06.79; 2, Lynch, UMB, 1:08.42; 3, Charles Parrott '87, MIT, 1:08.44.
800 meters — 1, Moreau, Bentley, 1:55.21; 2, Stead, UMB, 1:56.31; 3, Sean Walker '89, MIT, 1:57.00; 4, Anand Dighe '89, MIT, 2:00.76.
1000 meters — 1, Kyle Robinson '89, MIT, 2:37.57; 2, Leonce, UMB, 2:38.33; 3, Coyne, UMB, 2:40.17; 4, Brian Callaghan '87, MIT, 2:42.12.
1500 meters — 1, Martin, UMB, 4:01.89; 2, Fitzgerald, UMB, 4:05.62; 3, Rod Hinman '88, MIT, 4:06.22.
3000 meters — 1, Sean Kelley '89, MIT, 8:46.87; 2, Godin, Bentley, 8:50.48; 3, Fitzsimons, UMB, 8:54.19; 4, Turan Erdogan '87, MIT, 9:00.00.
1600 meter relay — 1, MIT (Bosey, Parrott, Light, Lin), 3:26.25; 2, UMB, 3:31.60; 3, Bentley, 4:07.73.
35-pound weight throw — 1, Scott Deering '89, MIT, 45'5 1/4"; 2, Mike O'Leary '87, MIT, 41'2 3/4"; 3, Scott Baird '87, MIT, 23'3"; 4, Mike Donohue '87, MIT, 21'2".
Shot Put — 1, Deering, MIT, 41'3 3/4"; 2, O'Leary, MIT, 35'8 1/2"; 3, Donabedian, Bentley, 34'5 1/4".
Pole Vault — 1, Bobb White '87, MIT, 14'0"; 2, Dreyer, MIT, 13'6"; 3, Baird, MIT, 13'0"; 4, Dave Timothy '88, MIT, 11'6".
Long Jump — 1, Ivanov, Bentley, 22'3"; 2, Berg, Bentley, 20'9 1/4"; 3, Joe Peters '88, MIT, 20'2 1/4"; 4, Ken Patrick '89, MIT, 20'4".
High Jump — 1, Ivanov, Bentley, 6'8 1/4"; 2, Berg, Bentley, 6'0"; 3, Glenn Hopkins '87, MIT, 6'0".
Triple Jump — 1, Ross Dreyer '86, MIT, 39'10"; 2, Sean Schubert '88, MIT, 39'9"; 3, Young Don Oh '89, MIT, 38'6 1/4".

MIT 88
Bentley 42
UMass 31

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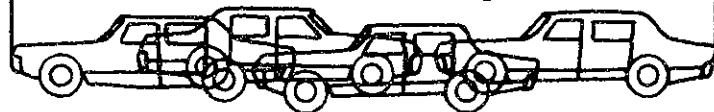
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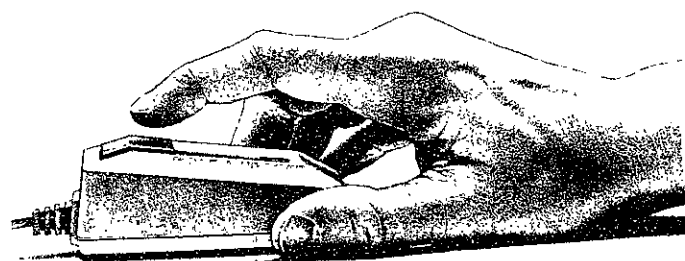


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sports

Swimmers split season finale

By Alison C. Morgan

MIT swimmers splashed to a mixed outcome against Bowdoin College in the Alumni Pool Saturday. The Tech men coasted to victory, 67-46, while the women sputtered, 45-94, in the last meet of the regular season.

Final meet outcomes can often obscure fluid individual performances, according to head coach John Benedick. "I don't even know the final score," said Benedick. He did know that "everybody's performance is moving in the right direction."

The Bowdoin College Polar Bears brought along a lot of channel swimmers for the long-distance events. In both the men's and women's meets there were

two heats of the 20-lap and 40-lap races. The men's 500-yard freestyle was closely contested for 19 laps; Bowdoin won on the final lap with a time of 5:02.37 to MIT's 5:02.57.

MIT's long-distance swimmers performed superbly, and would have mopped up in the marathon events had the races been co-ed. Dara O'Rourke '89 and Eric Bettez '87 placed first and second in the 1000-yard free; Michelle Quinton '89 and Linda Sprys '88 placed second and third in the same event. Quinton and Cheryl Sampson '88 swept the top two spots in the 500-yard free while Bettez and O'Rourke concluded with second and third in the corresponding men's race.

The Polar Bears were penguins — which, as Antarctic naturalists know, are very agile swimmers — in the relays with wins in both men and women's medley and freestyle events. But the male Polar Bears swam like abominable snowmen in the remaining events, as the Tech men harbored first and second places in each non-relay race.

Kyoki Jackson '89 qualified for the Division III national championships in the 200-yard butterfly with a time of 1:57.8. MIT has already had 14 men and 18 women qualify for the New England Division III Collegiate Swimming Championships, which begin next week.

Peter Ulrich '86 sank Bowdoin in diving competition. Bowdoin divers gasped for air as Ulrich received a seven, seven and eight from the judges for his forward two-and-a-half somersault from the pike position. His final score in one-meter competition was 172.9, 50 points ahead of the second place Polar Bear.

Two Engineers spelled double-trouble for Bowdoin in the indi-

(Please turn to page 15)

MIT men's track races past Bentley and UMass

By Christopher Y. Kim

The men's track team concluded its indoor season Friday with a resounding win over Division II Bentley and Division III University of Massachusetts-Boston (UMass). The Engineers piled up 88 points, outscoring Bentley (42) and UMass (31) combined. The men's track team finished with a 9-1 record.

The tri-meet was a tuneup for the New England Division III Indoor Championships this weekend at Bates College, and turned out to be an enjoyable outing for the Engineers as well.

The fun started with the first event, the 35-pound weight throw. Regular weightmen Scott Deering '89 and Mike O'Leary '87 had no trouble taking first and second places, respectively. The only competition Deering and O'Leary faced were teammates Scott Baird '87, a pole-vaulter, and Mike Donohue '87, a sprinter. Baird and Donohue helped out MIT's cause with mighty throws of 23' 3" and 21' 2" to finish third and fourth, completing one of three MIT sweeps in the field events.

The Engineers faced stiffer competition in the other weight event, the shot put, but Deering and O'Leary again managed to capture the top two places.

The long jumpers had a tougher time, as Joe Peters '88 and Ken Patrick '89 finished third and fourth. Patrick's jump brought him his first varsity point. The triple jumpers, on the other hand, faced no competition and couldn't even find someone to complete a full sweep. Co-captain Ross Dreyer '86, another converted pole vaulter, proved his versatility in capturing the triple jump. Regular triple jumpers Sean Schubert '88 and Young Don Oh '89 completed the sweep.

Glenn Hopkins '87 faced a tough field in the high jump and managed only third place with 6' 0". The pole vaulters proved their mettle and completed the Engineer field day in the field events. Bobb White '87, the Greater Boston champion, led the field. MIT has not yet lost in the pole vault this season, including the dual and invitational meets. Dreyer and Baird, after wreaking havoc in other field events, continued the sweep, and David Timothy '88 completed it.

The runners were outscored in only three of the nine events, despite injuries to key runners Gordon Holterman '86 (1500- and 800-meters) and Sean Garrett '88 (55-meter high hurdles and dash).

The Engineers got off to a slow start in the first two running events, allowing Bentley to move to within 16 points of MIT, but

that was as close as they came. Rod Hinman '88, who has consistently run strong races, led for most of the 1500-meter run but was overtaken in the final lap for third place. Vanu Bose '87 was

(Please turn to page 14)

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