Students examine Institute role in SDI research

Gray talks of MIT experience

By Jim Brudy

MIT must reserve its intellectual freedom, said President Paul E. Gray "at a lecture Thursday night.

Summary of Gray's remarks, page 19

MIT is concerned about the federal government's attempts to limit university research and to restrict some research papers, Gray said. He bashed the faculty's alarm about Accuracy in Academia, a national right-wing group that recruits students to monitor professors expressing liberal views in class. Gray said he did not know whether Accuracy in Academia is active at MIT.

The president also evaluated some of the goals he set in his inauguration five years ago. There are more women students and faculty members today at MIT than there were five years ago, but not enough, he said.

The decrease in the number of black students and faculty members, however, is "shameful," Gray continued. Much of higher education has the same problem, he said.

Gray reiterated how he thought higher education's involvement actually affects South Africa in a negative way and a student's question concerning whether MIT's policy on South Africa affects the number of black students at the Institute.

Gray also discussed a new capital campaign to increase MIT's endowment, which will begin within 18 months. The endowment was to be used to increase the number of minority students, the number of graduate and engineering students, the number of women students and the number of female professors.

By Thomas T. Huang and Craig Jungwirth

The 13th annual MIT Black Students' Conference on Science and Technology examined "The MIT Experience" last weekend. Two major addresses, a student's question and a career showcase highlighted the event, but the conference's political nature and three work shops were sparsely attended.

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"Many whites say that Negroes don't have the skills to enroll at MIT," Williams said.

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MIT readsies for "Beaver Fever" Autumn weekend

By Betty J. McLaughlin

Feature

This week will be filled with "beaver fever" as the MIT community celebrates Autumn Weekend, Oct. 23-26. Parties, barbecues and sports events are among the activities scheduled for Autumn Weekend by the Undergraduate Association (UA) Social Council.

The weekend will begin Wednesday, Oct. 23 with the Freshmen/Sophomore Ice Cream Orgy, sponsored by the Classes of 1986 and 1989. The event will start at 8 pm at Lobdell Dining Hall in the Julius A. Stratton '23 Student Center. A small admission fee will be charged.

The Junior/Senior Pub, organized by the classes of 1986 and 1987, will take place Thursday evening from 9 pm to 1 am at Lobdell. Admission to the pub is $1 and live entertainment will be provided.

Friday's events will begin with the football cheerleaders' pop rally on the Student Center steps at 3:30 pm. Balloons, bows, pom-poms and football team pamphlets will be distributed.

Friday will also feature "Student Center Program: Comedy Night" from 9 pm to 1 am in Lobdell. Magician and comedian John Ferrarino and ventriloquist Taylor Mason will perform. Admission will be $1, and refreshments will be available.

Saturday's activities start with a pre-game tailgate picnic from 12:30 pm to 2 pm at the barbecue pits near the Athletic Complex. This event is sponsored by the Doornemont Council and Raun House.

MIT will oppose Bentley College in the Homecoming football game at Steinbrueck Stadium.

The Amberl Alter Halloween Video Party will be held in the Delta Kappa Epsilon (DKE) house on the Alter Alley from 9:30 pm to 1:30 am on Saturday, Oct. 26. The video disc jockey VideoStar will play music video, and everyone is encouraged to wear a costume.

The best-costumed party-goers will win prizes if enough guests arrive. Otherwise, the prizes will be awarded to the best dancers.

The video party is sponsored by the UA Social Council as well as Tau Epsilon Phi, Delta Tau Omega, Phi Beta Epsilon, and Tau Delta Chi fraternities.

The Skuffin Costume Party, presented by the Phil Sigma Phi fraternity on Beacon Street from 9 pm to 2 am on Saturday, Oct. 26. Approximately 150 guests are expected to attend for $4 each.

The football cheerleaders and Thalians, a group of MIT women attempting to form a sorority, will sell MIT Homecoming paraphernalia for $1 in Lobdell throughout Autumn Weekend. They will also distribute schedules of the weekend's events, but will carry this year's theme of "Beaver Fever," balloons and pom-poms.

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CAMPUS INTERVIEWS • OCTOBER 28, 1985

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RCA/SHARP Microelectronics is located on the Columbia River in Camas, Washington, minutes away from Portland. CALL 503-395-3281 for more information.

If you are unable to meet with us, please send your resume to: College Relations Manager, RCA/SHARP Microelectronics, Dept. COL-40, P.O. Box 1044, Camas, WA 98607.
World

Black youths are the vanguard of struggle in South Africa — Seventy percent of the more than 200 persons killed over the last 13 months in anti-apartheid demonstrations in South Africa were 25 or below, according to a private police-monitoring group. Hundreds of thousands of black students have not returned to school since the start calls by the Congress of South African Students. They claim a "Freedom first, education later." This movement has led many to see them as a serious threat to the last generation.

Israel finds proposed US arms sale unacceptable — Israeli Prime Minister Shimon Peres said in a televised announcement that the US-proposed arms sale to Jordan is unacceptable, even if the package is reduced from $1.9 billion worth of aircrafts and related anti-aircraft defenses. "Our feelings are contrary to Israel finds proposed US arms sale unacceptable our feelings," Peres said. "The US has assured us that the J 2,400 aircrafts are not to be used against us, but we do not believe them." The US holds upbeat meeting with Egypt — US Deputy Secretary of State John C. Whitehead met with Egyptian Foreign Minister Emad Abdal Maguid on Sunday in hope of improving the relations between the two nations. Whitehead met with President Reagan yesterday to discuss the Egyptian charges that the destruction of their plane carrying the hijackers of the cruise ship Achille Lauro was part of a conspiracy by the US and Tunisia.

Charles and Princess Diana rebuff gossip — Great Britain's favorite prince and princess rejected the claims that their marriage has gone sour. The announcement was telecast to at least 20 million people in the UK, with the prince and princess portrayed as a happy couple while the two young princes William and Harry tried their best talents on a nearby piano.

Nation

Leon Klinghoffer honored as symbol of innocence and goodness — Leon Klinghoffer was hailed as a symbol of innocence and goodness in a harrow by President Reagan and New York legislators. An Army honor guard, elected officials and family members gathered at Kennedy Airport on Sunday as a symbol of innocence and goodness in a harrow by President Reagan and New York legislators. Klinghoffer was hailed as a symbol of innocence and goodness in a harrow by President Reagan and New York legislators. An Army honor guard, elected officials and family members gathered at Kennedy Airport on Sunday as a symbol of innocence and goodness in a harrow by President Reagan and New York legislators. Klinghoffer was hailed as a symbol of innocence and goodness in a harrow by President Reagan and New York legislators. 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Local

Asthma investigations: "I, the Yo

Sports

Cardinals crown over Royals — The St. Louis Cardinals have flown ahead of the Kansas City Royals two games to none, by margins of 3-1 on Saturday and 4-2 on Sunday in Kansas City. The series resumes tonight in St. Louis with Jose Canseco facing Roy White Sabichmann. Kansas City has the weight of history against them: No team has ever lost the first two games at home and come back to win the series.

Weather

Clouds on the horizon — and overhead — Yesterday's brilliant sunshine gives way today to clouds with 50-60% chances of overnight lows 45-49. The clouds may break up tomorrow, leaving the expected high of 66-64.

TUESDAY, OCTOBER 22, 1985

Look who's in Harvard Paperbacks.

Emily Dickinson

Selected Letters

Edited by

Thomas H. Johnson

A one-volume selection from the complete edition of Emily Dickinson. "The Selected Letters presents us with an immediate view of one of God's most creative spirits as we are likely to begin... The letters themselves are unedited. A true critical life can be a mystery and, when performed, a comedy, the most formal note a..." — John Burroughs

Ordinary Vices

Judith N. Sklar

A distinction look at human nature and its psychology for children.

$7.95 paper

A History of the Jewish People

Edited by

H. B. Sussman

"Offering a full grasp of Jewish civilization from the dawn of Demotic the 2nd Millennium B.C.E. to the height of modern Jewish intellectual activity the encyclopedia covers major Jewish thought and explores the evolution of the Jewish people. This monumental work is expanded with a new strip..." — Eric Foner

$18.95 paper

A Dictionary of Marxist Thought

Edited by Tom Bottomore

"A monumental achievement. The book can be confidently recommended as a far and informed account of the community of Marxist positions..." — New York Times Book Review

$16.95 paper

The Literary Underground of the Old Regime

Robert Darnton

"The reader who wants a glimpse of the world behind the veils of officialdom, a close-up look at the great minds and their writing will enjoy an in this surpassing and entertaining volume..." — The New York Times Book Review

$7.95 paper

The Warrior and the Priest

Woodrow Wilson and Theodore Roosevelt

John Milton Cooper, Jr.

"A book that addresses, directly or by implication, a host range of issues..." — The New York Times Book Review

$15.00 paper

Ethnic Dilemmas, 1964-1982

Nathan Glazer

"A book that addresses, directly or by implication, a host range of issues..." — The New York Times Book Review

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The Supply-Side Revolution

An Insider's Account of Policymaking in Washington

Paul Craig Roberts

"A timely masterpiece... The book as a whole has the weight of a wave breaking over a rock..." — Commentary

$8.95 paper
Do not find Bexley guilty on rumors

Bexley Hall was the first choice for fresher than any other in this housing this fall. The dormitory has received a reputation — perhaps undeserved — for deliberately causing this poor showing.

My administration officials have alleged anti-social incidents at Bexley Hall. Housemaster Judah Schwartz, however, does not believe the incidents constitute violations of Institute rules.

Some people have argued that the current residents should be removed by the Institute and replaced with students. Associate Dean for Student Affairs Robert A. Sherwood has said he was considering plans to turn Bexley into a house for the members of Alpha Phi sorority; to use Bexley for graduate student housing; or to house students crowded in other dormitories.

Consideration of such precipitous actions is premature at best. No infractions have been proven to have occurred. No indication has been charged with any infraction.

The Dean's Office, furthermore, is not the proper body to investigate the alleged violations. That office, and Sherwood in particular, has seen the anti-social behavior hiding within every underscrupulous dormitory for years. Tastes in housing change from year to year, so any rash chairman will assert. Those fluctuations cannot necessarily be attributed to any particular house action.

The Committee on Discipline should investigate the charges against Bexley made by the Dean's Office and students. While at the same time the committee should also do well to investigate whether Bexley has been slandered by members of other living groups. How many of the students who refused to live in Bexley did so for fear of the results of the incident?

Lr

Bexley's last two complaints, both received by the office of the Dean of Students, have been settled by the administration. The students have been exonerated. The Office of the Dean of Students has informed the students of the resolution.

The situation remains one of alleged infractions, it is inappropriate for the [Sean's Office - or Orientation Week, according to Schwartz.]

Statement and Counterstatement:

1A. The July Live-Aid concert was the "greatest day in the history of music." (ABC-TV)

2A. Bob Geldof, member of the rock group "the Boomtown Rats" and also the mastermind behind Live-Aid "was not surprised at all to see us on the cover of the Nobel Peace Prize" (USA Today)

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Pornography bill has flaws

The proposed pornography ordinance that will be placed on the Cambridge Human Rights Ordinance is bad. If it is ratified by Cambridge, it will be deciding how to treat the Cambridge Human Rights Ordinance. If some futurologists or critics of the law decide that the ordinance will not be approved by Cambridge, then the law may lose its status as a valid law. When the law is ratified, it will be deciding whether or not to ratify the ordinance of the Cambridge Human Rights Ordinance.

Feedback

Ordinance will not curb rights

The following is a response to Simson L. Garfinkel's letter to the Editor of the Tech. "Free speech violates rights," Oct. 11.

Why is it "inside" that civil speech rights are not and need not be part of the Human Rights Ordinance? Of course it is not. The essence of the concept of pornography is that of a society always women. It is a concept of speech rights, and the law is not about speech.

Dershowitz is concerned that the freedom of speech will be violated. Women's speech is victimized by pornography, because there is no real protection for the laws of women's speech. If pornography harms women, then pornography does not violate speech, but vice versa.

Dershowitz takes a part of the Cambridge Human Rights Ordinance and says that it is a violation of the rights of pornography victims to equally protect the law, without subject to systemic subordination, rape, torture, and suppression.

Dershowitz removes a part of the human rights victims to equally protect the law, without subject to systemic subordination, rape, torture, and suppression.

And finally, Dershowitz proposes that people vote against the ordinance because it may be unconstitutional. I propose that people vote for what they believe is right. In that way you may vote for the ratification of the ordinance, which is good.

Bety Salkind

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The Tech PAGE 5

TUESDAY, OCTOBER 22, 1985

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Israel is responsible for escalation of violence

To the Editor:

The MIT Committee on the Middle East strongly condemns the Israeli bombing attack on PLO headquarters, and subsequent Israeli threats toward Jordan. The attack was conducted by American-made F-15s, within Jordanian territory, and resulted in seventy-three deaths. Israel justified this attack as retaliation for the most recent murder of three Israelis in Cyprus. We oppose to all acts of violence in the region and do not wish to distinguish Israeli acts of violence from other acts, but believe that there is an important difference between state violence and the violent acts of individuals or small groups. Israel's policy of retaliation has not eliminated terrorism or done anything to solve the causes of terrorism, but has resulted in further escalation of violence. The attack closely followed the visit to the United States by King Hussein of Jordan, during which the Reagan administration praised efforts to bring about peace in the Middle East; however, the threats against Jordan by Defense Minister Rabin, the day after the bombing, show an obvious intention to undermine any peace process and to destabilize the politics of the region. This attack was just another political effort, like the invasion of Lebanon, designed to increase humiliations and to diminish possibilities for peace.

Apparantly suffering from escalation-amy, Reagan initially condemned the attack, thus disregarding his own statements about peace and showing the Arab world his lack of credibility. The administration did manage to abstain during the UN Security Council vote (against apologies to American Jewish leaders), but this will not diminish Arab skepticism of the real American position on peace in the Middle East.

The results of these acts were displayed by the Achilles Lauro hijacking, and then the steeled intensified hijacking of the hijackers. In the midst of the arrest, charges, and counter-charges, the path to peace is again diverted, and the path to war more likely.

Uri Shlemyov G
Mark Anderson G
Wayne O'Neill
Michael Diener '86
Ur Shlomsky G
Mark Anderson G
Wayne O'Neill
Michael Diener '86
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opinion

To the Editor:

The United Fruit Company was keeping its "unprofitable" land that the "survival is determined by might, not right," and "survival is only determined by right," Oct. It asks us to support its actions to prevent the "survival of US influence in the world," we come to Nicaragua. In 1979, we asked the "freedom fighters" the CIA brought together in 1982 to attack their own country from bases in Honduras. They were the National Guard, protecting Nicaragua from the Isthmian Canal, which everybody else in the country. Why use Guardsmen, so widely hated in Nicaragua, to attack the regime? According to CIA testimony, they were "the only ones who wanted to fight" (The Washington Post, 5/8/83).

I am a journalist, and human rights. I suppose that when the CIA began to recruit on campuses or MIT students to tell me that the Russians must fight US imperialism in Poland, it seems more relevant to try to influence the actions of our own government. For forty years the Soviet Union and the United States have used each other as excuses to control smaller countries (though five years before the Russian Revolutions were invading Nicaragua, to protect it from "Mexican Banditism"). In reality actions such as those I have described have little to do with a Soviet threat per se, but with an erosion of US influence in countries which wish to assert their own sovereignty.

The people of Central America are not pawns to be moved around by the big countries. They are people with enough problems without the United States screaming at them about the Russian threat when with our own money and guns and our bombs we are their main threat. I invite everyone to join the Committee for Central America events — lectures, movies, debates, etc. Come to them, to argue. But do not, out of ignorance condone the suffering our government is causing just because it waves that flag. In a society that prides itself on being ruled by the people, that would be irresponsible — and dangerous.

Barry Klinger '85

feedback

Question the CIA's activities

By the Editor:

Several letters to the Friday indicate that further explana-

tion of the student protests against the CIA are necessary. In particular, Paul Sherer '79 proposed that "survival of the fittest" is determined by right, not might. I suppose that means that we somehow swallow these ideals while ac-

tually destroying them in tiny world countries whose ab-

sorption into the monolith of US nationalism will bring them to the demise of our vulner-

able world.

Only the ignorance of the American public has allowed this monstrosity government claim to be largely accepted. Only the select of the American people buy into the wall of ignorance the CIA has been building for years. Here are some examples of how the CIA has protected us from the Soviet Union:

- Many Americans are aware that in 1954, after eight years of intense CIA involvement, the government of Guatemala was over-

thrown by the CIA and local fac-

tious. Our government didn't like to show its face in front of the American public, but Guate-

malan's real aim was appropriating the "unprofitable" land that United Fruit Company was keep-

ing in reserve at a time when thousands of Guatemalans were starving. The government could be virtually unarmored because they had virtually no external (or Soviet) support. The legacy of our intervention has been thirty years of military rule that has murdered at least seventy-thousand civilians — and the people are still malnourished.

- Chilte's threat to the United States was its determination that a socialist president could legitimate be elected president. Kissinger was particularly wor-

ried that European countries such as Italy might be so im-

pressed by Chilte's example they too, would succumb to this threat of democracy. The only choice was to use the CIA to se-

cure the US, but it would be to destroy the country. When the military finally struck, with tacit US approval, it replaced decades of parliamentary democracy with a totalitarian military dictatorship that whitewashed the freedom and respect for human rights that persisted under the Socialists.

- To complete this sampler of CIA activities (only a fraction of their many tricks around the world), we come to Nicaragua. In 1979, we were the "freedom fighters" the CIA brought together in 1982 to attack their own country from bases in Honduras. They were the National Guard, protecting Nicaragua from just about everybody else in the country. Why use Guardsmen, so widely hated in Nicaragua, to attack the regime? According to CIA testimony, they were "the only ones who wanted to fight" (The Washington Post, 5/8/83).

- Those groups such as the Politi-

cal Science Committee on Cen-

tral America seek to educate the American public about the crimes that are being committed in our name does not mean we are in favor of similar Soviet ac-

tions. On the contrary, we must always fight this assumption that every place on earth must be owned by one of the two super-

powers. Until the KGB began to recruit on campuses or MIT students to tell me that the Russians must fight US imperialism in Poland, it seems more relevant to try to influence the actions of our own government. For forty years the Soviet Union and the United States have used each other as excuses to control smaller countries (though five years before the Russian Revolutions were invading Nicaragua, to protect it from "Mexican Banditism"). In reality actions such as those I have described have little to do with a Soviet threat per se, but with an erosion of US influence in countries which wish to assert their own sovereignty.

The people of Central America are not pawns to be moved around by the big countries. They are people with enough problems without the United States screaming at them about the Russian threat when with our own money and guns and our bombs we are their main threat. I invite everyone to join the Committee for Central America events — lectures, movies, debates, etc. Come to them, to argue. But do not, out of ignorance condone the suffering our government is causing just because it waves that flag. In a society that prides itself on being ruled by the people, that would be irresponsible — and dangerous.

Barry Klinger '85

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feedback

Concert series offers exceptional opportunity

To the Editor:

It is not often I feel compelled to write to The Tech, but I feel that I have been inspired to do so by the recent performance of the Boston Symphony Orchestra. The concert series has now been in existence for two years, and it is my belief that it has provided a wonderful opportunity for the enjoyment of orchestral music. The series is financially supported by the City of Boston, and it is my understanding that it is the largest such series in the country. The concerts are held in the Symphony Hall, which is located in the heart of the city. The hall is beautifully designed, and it is a pleasure to attend a concert in such an environment.

I attended the concert on Sunday, and I was impressed by the performance of the orchestra. The conductor was excellent, and the musicians were all highly skilled. The music was well rehearsed, and it was clear that the orchestra was well prepared. The concert was a delight to the senses, and it was a pleasure to experience such a high level of musicality.

In conclusion, I feel that the concert series is a wonderful opportunity for the enjoyment of orchestral music. I hope that it continues to be successful, and I look forward to attending future concerts.

Sincerely,

[Signature]

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On-Campus Interviews
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A great place to put your mind to work.
First woman astronaut speaks about shuttle

By Robbie Silbergleit

Feature

Amelia Sally K. Ride, the first American woman in space, presented a "home movie" of her 1984 shuttle flight last Thursday. The lecture was sponsored by the League Series Committee (LSC), has screened a 20-minute film made of shots taken during her first flight. "It turns out astronauts are really a lot like tourists. We go into the space shuttle and all we want to do is take pictures," she said.

Ride first entered orbit on Oct. 1, 1984, was dedicated to geological science, and included an astronaut and a Canadian astronaut. It was the first shuttle mission to carry a Canadian astronaut and the first to carry two female astronauts. The flight was the second to land a Space Station Freedom on Earth instead of Edwards Air Force Base in California.

Ride chronicled the flight from the breakfast before the launch through touchdown. In fact, she shows from most aspects of the mission, including a similar launch, a space walk by tour members, and many pictures of the earth. Ride spoke about the mission:

- The most around the landing strip is a Kennedy Space Center in Florida instead of Edwards's Air Force Base in California.
- The way astronauts orient themselves to the earth, while orbiting the earth. Ride talked about the course of the mission, the way astronauts orient themselves in the cabin, and the way the astronauts find their way back to the earth. Ride also said that if she had to do it again, she'd do it all over again.
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The President

TUESDAY, OCTOBER 22, 1985

The Tech

President Gray speaks about future of education

Compiled by Thomas T. Hwang
(Tuesday's Talk follows a summary of major points made by President Paul Gray at the dedication of MIT as an Educational and Research Institution, "Thursdays")

We must consider the context of your educational experience at the Institute:

1. There is much more to MIT than your formal semester-by-semester program. It's easier said than done — I know it is hard to focus on things when you are worried about problem sets and quizzes, and concerned about how things are going to look on the report card. It is impossible to keep in mind objectives satisfied only if you make your education much more than the sum of the parts — classes, exams, papers and quizzes.

The student needs a balance in personal and professional growth. The Institute needs and must be harmonious. Their solutions must satisfy those needs. Science depends a considerable extent on the personal and professional commitments and to their professionalism. This produces a work ethic, a sense of self-worth, a restless pursuit of careers. But it is not without costs.

It would be foolishly to argue against the virtues of hard work. But we should not consider the possible benefits of spare time for contemplation, for pursuit of interests and activities outside the professional realm and for developing friendships and a sense of community.

3. In 1980, I said that the issues centered on the human condition at MIT should be on the top of our agenda. We are concerned that we work to develop a community of the best faculty and student body from as diverse a population as possible.

A good deal of learning at MIT is based on daily interaction of people of different backgrounds, experiences and points of view. The intellectual character at MIT has enriched the institution in a period of many years.

I believe the social and intellectual endowment of MIT will be similarly enriched by growing numbers of women, and of blacks, Hispanics and other minorities. It should be our goal to make this a welcomed environment for them, to attract them in growing numbers . . . to benefit from their creative.

Now in 1985, as I look back, I must report that it is a mixed record. With respect to women at MIT, we have for the most part done well — not well enough — but well enough to support a certain amount of justifiable pride.

The number of women on the faculty for first time in history exceeds 100. Women make up 30 percent of the undergraduates. The difficulties at the faculty level are to a large extent reflected by the fact that the fraction of doctoral degrees awarded to black Americans in the areas of engineering, physical science and life sciences remains at one percent.

The only thing we can say is that we are students of engineering degree awarded to black Americans is in the minority. In general, there is much more concern for the success of how we do it better.

4. MIT has a pressing need to prepare itself for the size of its underlying capital base — its endowment. If you compare the size of inventeds

capital with the size of its operating budget, you come up with interesting comparisons. That is 3.0:1 at Harvar4 s; 1:1 at Princeton; 3.5:1 at Yale; 1:1 at Stanford, 1:5.1.

The Institute depends significantly on its ability to keep the capital base in the coming five- to ten-year period.

1. With respect to "Accuracy in Academia," there is an inevitability of educational self-sufficiency. The future of this society....

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Harris discusses model black student-professional

Polly L. Harris, dean of the School of Engineering at the Uni-
versity of California at Berkeley, delivered the keynote address at
the Symposium Annual Black Sci-
ence and Technology Conference.

He is currently a professor in
the MIT Department of Ame-
rivan and Development and di-
rector of the MIT Office of Mi-
terdiversity Education. He was
instrumental in the starting of
the program at Second Sum-
mer in Congress to encourage and support back
schooling.

The speech is entitled: "What
Continues the Model Black MIT
Student-Professional?"

Gettinopoulos, I am especially
pleased to share this occasion
with you. For you see, although I
want to say "I have our time," I am
not one of you. I am a MIT alumi.

When Mr. Cohen asked me to
give some comments during your
program, I immediately agreed
because I

I will attempt to restate
the problem. Let's reason this
thing out. The only thing I need
to do to resolve this problem is to
integrate over this audience with
the proper Green's function and
Hestad's step function as my
kernels and wrap the resulting
finite series around the '
hyper-
word. Now you know why white
folks don't understand us! We
are compliately complex.

Let's return in our search for
the model black MIT student-
professional. Is this student fa-
male or male? Is this student
from New York, NY, or Nevada?
Is this student an engineering
major, a science major
or a humanities major? Is this
student a member of Tau Beta Pi
or is this student one who keeps
the CAP busy for long hours? Is
this student one-dimensional,
multi-dimensional or null-dimen-
sional? Is the model dynamic or
static? Each of these questions
have a bearing on the challenge.
If we were only bright enough
to think of all the other possible
questions.

You must realize that Mr.
Cohen has assured me that if
I only give a partial answer this
year, then he would invite me back
next year so that I could re-
peat this disaster and also get
paid for it.

To continue, I share with you
some newfangled views of
what constitutes the model black
MIT student-professional. I list-
ated the talient features of the
model in the spring of 1976 as the
NSBE conference at Ohio State
University and on several occa-
sions on this campus. Recently
the essential concept of my mod-
el has been used to give life to
another model. I quote the fol-
lowing from Evelyn Fox Keller,
professor of mathematics and hu-
manities at Northeastern Univer-
sity:

"The triumphs of modern
science impel us to recall other
often forgotten dimensions of
the promise of science - the
search for understanding per se,
for knowledge as a means of con-
necting, of being in touch with
the world around us. These, too, are
strains of the scientific aspiration,
percepting throughout history,
the practice of many scientists,
even while absent from the pre-
valing ideology."

As it happens, one of the best
present-day examples is provided
by the work of Barbara McClint-
cock, winner of the 1983 Nobel
Prize in Medicine or Physiology.

Our model black MIT student-
professional would help to
electrify your consciousness.

You heard by you
are black MIT
Dr. John B. Turner.

I am especially
pleased to have you here and
especially to have Dr. Turner
The question this evening is:
What do we have? The answer:
and intellectual properties.

Dr. Turner is also the
curriculum consultant for the
First, such an understanding
would allow us to identify the
greatest change agent outside of
the Pacific world. Second, such
an understanding would initiate
an integration of racial, emotion-
al and intellectual properties.

Thank you.
Unfortunate performance by New Orchestra

The New Orchestra of Boston, conducted by John Harbison, American Academy of Arts and Sciences, October 18; Hermann Prey in the Weimarers, Jordan Hall, October 19; Westminster Cathedral Choir, Symphony Hall, October 20. Event in The Tech Performing Arts Series.

David Epstein, conductor of the New Orchestra of Boston was unfortunately sick and unable to provide over Saturday's concert at the American Academy of Arts and Sciences. John Harbison stepped in to replace him, and perhaps these disrupted circumstances were partly responsible for a performance which under normal conditions might have marred the orchestra's reputation.

Mozart's Divertimento in D, K. 156, is an elegant work, but the New Orchestra placed it without polish. The ensemble sounded thin and uneven; there was a particular problem in the first violin section, a tendency to play legato. While there was some superficially attractive moments in the Andante, there was a lack of cohesive-ness, of continuity of style. The movement was therefore of little interest. Matters did not improve for the Presto. Uncoordinated, the finale sounded clumsy.

Arthur Berger's Prelude, Aria and Waltz: Three Pieces for String Orchestra — a parody on non-classical themes — was more enjoyable. The orchestra brought out the bold lines of the Prelude, and the aria was some poetically introspective passages in the Aria — including a slow wide solo by Ethelberto Elías. But there were also times when the fugue was not clear enough, a problem which periodically threatened to encapsulate the otherwise gripping music. Despite the thin-sounding aunt start to Mozart's Piano Concerto No. 5, K. 271, attention was soon drawn to the limited performance of Nadja Tassie on Piano. Nadja was a deeply personal reading of the turgid movements with a light and free-flowing spirit simultaneously enlivened and tempered. Lorang's playing was as easy Vladimir Ashkenazy's performance of Mozart; a style that is both intimate and fresh. The Andante, too, was given a suitably orchestral opening, but Lorang's a overtaken with straightforward but graceful beauty; piano playing. His drew upon emotions out of simplicity and dreams and inspired the orchestra into a reasonably satisfactory cooperation with a soft, supportive line. Although the orchestra displayed better parity playing in the finale, there were more relaxed on the conclusion, displaying some of the unity we would have wished for throughout the afternoon.

Herrmann Prey is in the manner of the late Karl Erich Krenz. Prey has a singular joy for the demands of the role of Schubert's special world of enchantment. His rendition of Die Winterreise — a day night had global appeal. It has received universal acclaim, partly due to Schubert's special world

On Sunday, November 3rd, you, and thousands of other students across America have a chance to do something about nuclear weapons that could really make a difference. By participating in the November 3rd College Peacewalk you'll be giving your moral and financial support to next year's historic, 8-month Great Peace March. On March 1, 1988, five thousand people will leave their jobs, schools, homes, and families to walk 3,235 miles across this country, from Los Angeles to Washington, D.C. Their goal: to rid the earth of nuclear weapons for good.

The nuclear arms race is not just another issue, and the November 3rd College Peacewalk is not just another walkathon. So tie your shoe laces. We're going after peace. On foot.

The November 3rd College Peacewalk

Pledge Sheets and Information Available from: MIT Disarmament Study Group

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The Circus has Come to Town

The circus has come to town, The Ringling Bros. and Barnum & Bailey Circus. The circus has come to town, and the audience with their comical hijinks delighted the clowns with their glimmering costumes, acrobats, and clowns always a colorful backdrop to the death-defying feats of the animal acts.

This year marks the 100th anniversary of the first performance of the Ringling Bros. Circus. To celebrate the occasion, extremely skilled performers of the "blue troop" presented highlights of circus history. Clowns carrying colorful lanterns dressed in the 1919 original of the Ringling Bros. and Barnum and Bailey Circus. The clowns have many tricks, and they can entertain the audience with their comical hijinks throughout the show. Prior to ringmaster Jim Ragona's opening of the show, individual clowns displayed their talents with musical acts, tumbling, and the customary practical jokes. Frequently, well-choreographed clown acts provided an enjoyable transition between the many acts.

Early in the show came three rings of continuous knifeboard action. Center ring featured the Rodney Troep, whose size performed a full flip on high wooden stilts. Meanwhile, in ring three, the Monkees successfully completed a spring jump to a towering six person height.

Following intermission, trapeze artist Miguel Vasquez, the only human to conquer the quadruple somersault, once again successfully completed his "impossible" feat, to the awe of those watching. His Mexican family overshadowed the flying RAMS, who failed at their attempt at a triple somersault.

Special to the blue troop were two contemptuous - Rudolph Delmonte and Nelson Iasue. Delmonte, the better of the two, performed repeated pushups, while Nelson performed a handstand with his legs tucked under his armpits.

Animal acts were a major focus of this year's show. Camels, dogs, bears, zebras and, of course, the savage tigers were among the many trained beasts. The absence of superstar Gunther Gebel Williams, currently on tour with the sister red troop, was noticed. The eager animal show, performed by Wade Burke in his Ringling Brothers and Barnum Bailey de-, but was not impressive. Burke seemed unable to fully control the 15 somewhat ungainly tigers in his act. The expected mixture of tricks of jungle animals - a highlight of earlier shows - did not materialize. The other animal acts demonstrated the skills of the trainers. As the elephants were making their debut, a young girl exclaimed, "Look mom, there are tons of elephants! Have you ever seen less than "one" of elephants? In all seriousness, the elephant acts were spectacular.

Trainee Axel Goulier led the 250,000 pounds of pachyderms through numerous dance numbers as if they were Las Vegas showgirls. Well, almost.

The circus ended with a big bang - quite literally, as Captain Christopher was shot from a cannon the final length of the arena. The performers gathered for a final time to pay their farewells, wishing the audience that all its days be circus days. If the circus - supposedly for children - is really an excuse for adults to be infants for two-and-a-half hours, then take an escape back to the carefree days of childhood. Go to the circus.

The Tech Performing Arts Series presents...

BOSTON LYRIC OPERA COMPANY
La Voix Humaine & Façade
La Voix Humaine, Poulenc's tale of a woman who can not find the end of an affair is paired with Walton's Façade.

Northeastern University, Alumni Auditorium
October 25 at 8pm. MIT price: $6.

ANNA RUSSELL
Farewell Boston appearance

Musical Parody, Anna Russell style.
Symphony Hall, October 25 at 8pm. MIT price: $6.

CHAMBER MUSIC SOCIETY
Boston, Lincoln Center joint concert

Members of the Chamber Music Society of Lincoln Center will join the Boston Chamber Music Society for a special gala concert of works by Dopper, Dvorak and Mendelssohn.

Sanders Theatre, October 27, 8pm.
Tickets normally $35 or $12.50. MIT price: $8 or $5.

COLLAGE

MIT goes contemporary

MIT Professor John Harbison conducts Collage, the contemporary music ensemble, in 1985 Pulitzer Prize winner Stephen Albert's Into Eclipse and works by Christopher Rouse, Robert Seigl and MIT senior lecturer Edward Cohen. Edward Pickman Hall; Longy School of Music
November 4, 8pm. MIT price: $4.

Tickets for all four events are on sale courtesy of the Technology Community Association.

Drop by Room W20-450 in the Student Center, or call 253-4885 to check on availability.

The Tech Performing Arts Series, a service for the entire MIT community from The Tech, MIT's student newspaper.

GET OUT ON THE TOWN WITH THE TECH PERFORMING ARTS SERIES...
Williams relates civil rights movement to MIT

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**Dennis Vincent, M/A-COM LINKABIT, 3033 Science Park Road, San Diego, CA 92121.**

**COMPANY PRESENTATION**

Wednesday, November 6-7:00-9:00 pm

Building 12, Room 102

*Refreshments will be served.*

**ON-CAMPUS INTERVIEWS**

Thursday, November 7
Williams offers advice to minorities

Ongoing

The Project for American Israel Research, Inc., a non-profit organization, is currently recruiting students from Boston area universities to perform research. The project is interested in Israeli businesses, government agencies, and institutions to use the data and information. Research data will be available in any field, including computer science, business, government, engineering, health, and politics. Duration of the project varies based on the requirements of the host sponsor.

PAIR's objective is to strengthen the relationship of American university students to Israel and contribute to Israel's economic growth by equipping students with the skills and knowledge necessary for success in the global marketplace. Students will receive academic credit for their participation in the program. The program is open to undergraduate and graduate students, and interested students should contact TLT for more information.

PAIR's activities include:

- Conducting research projects related to Israeli businesses, government agencies, and institutions.
- Attending conferences and workshops on Israeli issues.
- Participating in Israeli-American exchange programs.
- Networking with Israeli professionals.

PAIR offers a unique opportunity for students to gain real-world experience and make valuable connections in the Israeli business community. For more information, contact TLT (www.tlt.org).
Conference examines "The MIT Experience"

(Continued from page 1)

Gray sees MIT in future years

(Continued from page 1)

The most important skills MIT can teach are hard and thinking analytically, Gray said, citing a recent alumni survey. Technology changes quickly and what is learned at MIT might soon be outdated. Critical-thinking skills will remain useful throughout life, he concluded.

Approximately 100 people attended the speech, sponsored by the Lecture Series Committee.

Petition against SDI research

(Continued from page 1)

A workshop discussion

There were "workshop opportunities to maximize exchange between speakers and students," Cohen said.

In the morning session on "Skill in Social Interaction: A Necessity for Success," Campus Police Officer Ted Lewis said, "Being successful calls for a vision — a way of communicating with the world." Something in our subconscious causes us not to succeed; fear, which stands for "false education," appears real. Many MIT students fear they will not satisfy what they perceive to be the expectations of others, he said. One has to work to make successful people, visualize one's own success and perform in order to succeed.

Lewis offered the following guidelines for success within an organization: early training and education, effective management of meetings, professional visibility, knowledge of how to make decisions and awareness of current developments in one's field.

"It's important to keep a positive attitude," Lewis said. "Everything is a learning experience."

Negative reinforcement is acceptable as long as one has the attitude that "if you don't believe I can do it, let me show you I can do it," said John Sealey '56, a panelist on the plenary committee.

Five panelists discussed issues of personal development at one of three workshops held Saturday afternoon. The discussion began with a comparison of MIT to other undergraduate universities. Three of the panelists were graduates who attended undergraduate institutions other than MIT.

The workshop on professional development, David Tilbble G described the key qualities necessary for success in one's profession: confidence, diplomacy, providing constructive rather than brutal criticism, judgment — learning to think like the people you talk to, aggressive communication and execution of bureaucracy.

"I think there are a lot of people left by the wayside who never graduate or who never catch up," said Kyle Thomas '56, one of two attendees at the Personal Development Workshop.

"Do [professors] really care about undergraduate education?" asked Tara Adams '56, a member of the workshop's panel.

"The breakdown may be squelching what we're trying to do here," said John Prinek G, another member of the panel. "We need to have a bigger view of what's important. MIT is not the most important thing in the world. If you haven't developed new knowledge besides your subject, then MIT hasn't done its job."

"We've become a lot more comfortable with not doing well," Adams added.

Find out at our OPEN HOUSE

Tuesday (Oct. 29) from 6 PM to 9 PM

Hyatt Regency Cambridge (see lobby board for location)

575 Memorial Drive

Several of our Technical Managers will be there to talk with you. Refreshments will be served.

Harris is a highly respected member of the Fortune 200 with annual sales of $4 billion. A leader in state-of-the-art communication, information processing and microelectronic products, we develop and manufacture superminicomputers, two-way radios, custom satellite and data communication systems, world class integrated circuits and more.

We recognize that it took great ideas from people like you to put us where we are today. That's why we can be sure that your imaginative work will be noticed at Harris — and promptly rewarded.

TUESDAY, OCTOBER 22, 1985

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PAGE 16
Lincoln Labs pivotal in SDI high technology

(Continued from page 1)

Morrow thought it unlikely that Lincoln Laboratory would divert from SDI. It is offshoot of Hanscom Field Air Force Base, and the fundamental research performed produces no operational systems, he said. There is also no pressure from the Pentagon for Lincoln to divest, Morrow added.

Most of the MIT faculty members conducting research at Lincoln are involved with unclassified projects, although some do consult in classified areas. All Lincoln research deals with electronic equipment such as radar, communications equipment, computers, and other electronic devices. Basic and applied research done at the lab is unclassified and published in scientific literature, Morrow said. Although there is classified work in more advanced stages of research, no engineering prototypes are produced at the lab, he added.

Institute policy forbids classified research on campus. The Radiation Laboratory and the Instrumentation Laboratory (now the Charles Stark Draper Laboratory) began performing classified research on campus during World War II, when military police were stationed throughout the campus to guard classified facilities. During the 1950s and 1960s these laboratories moved off-campus and divested from MIT.

"We were told that there was a basic incompatibility with classified research on campus," Morrow said.

The most interesting jobs in the world are four miles west of here.

If you like Cambridge, you're going to love Bolt Beranek and Newman (or "BBN" as we're better known). We're one of the world's leading centers for research and development in parallel processing architecture and programming, expert systems, speech processing, architectural and underwater acoustics, natural language interface, and basic and applied artificial intelligence. And, we do more than R&D. We're a market leader in packet switching data communications; we've built some of the most sophisticated data networks in the world for companies like Wang and MCI. We've developed a software package for scientific and engineering research that's unmatched in the industry (it's called RS/1, and it's used in Project Athena).

We'd like to introduce ourselves, show you around, and let you talk to some of the MIT grad's who have made the move from Kendall Square to Fresh Pond Circle. If your major is in electrical engineering, physics, or computer sciences, it's an opportunity you shouldn't miss.

Visit BBN
October 25, 1985
Open House for MIT Students

Time: 3:00-5:30 p.m.
Transportation: 2:30 p.m. pickup in front of the Administration Building Main Entrance on Main Ave. (Bus transportation provided by BBN)
Location: 70 Fawcett Street, Cambridge, MA
Signup: Office of Career Planning and Placement by Wednesday, October 23

For further information call Christine Lancione at BBN, 497-3388

The Tech
Turkeys tie Crimson

(Continued from page 20)

play guaranteed to work using magnetism. Excitement filled The Tech huddle as Stan diagrammed his play.

As the team emerged from the huddle, all the players filed to the right side of the quarterback. Sure enough, all the Crimson players followed suit. Quarterback Minor Huffman handed off to tailback Harold Stern who found Eric wide open on the left side of the field. The perfectly timed play yielded a 25-yard gain, the longest of the day.

But the offense could move no further. The Tech once again resorted to its bread-and-butter play — the punt. As the end of the game neared, the Wild Turkeys desperately tried for a last-second field goal through the Kennedy School building window. The kick landed harmlessly on the head of a six-year-old bystander.

Announcements

ATTN SENIORS:

Those who wish to apply for graduate work in the Department of Electrical Engineering and Computer Science during 1986 are urged to apply by Nov. 1, 1985. Applications may be pick up in Rooms 16-444 and 3-101.

The MIT basketball cheerleading squad is looking for a coach. Anyone with cheerleading experience should contact Paula Blizard, basketball cheerleading captain, at 225-8522.

Undergraduates who are interested in communicating with high school students (and guidance counselors) what it's like to be an MIT student are encouraged to join Project Compass. For more information please contact the Educational Counsel Office, 4-240, 233-3354.

FINANCIAL AID OFFICE NOTICE

The "Statement of Registration Status" is still required of all male students who are (by law) expected to register for the draft, if they desire to receive federal financial aid.

Whether the "Statement" is also required of all other students as well, and whether it is required every year, has become an institutional option.

It is not expected to require the "Statement" of women, or of students whose date of birth indicates they are not required to register for the draft.

MIT is opting not to require annual submission of the "Statement" by male students who have once indicated that they have registered.

Male students who have completed the "Statement" by indicating they are "underage" will be required by MIT (as a condition for receiving federal aid) to submit the "Statement" annually until they state that they are registered.

Student and delivery agencies other than MIT are free to exercise the new options differently. Students may therefore find that GSL lenders and state scholarship agencies require the "Statement" where MIT does not. And we suspect that applications for Pell Grants will still be completed by the student's completing the "Statement" reproduced on the Pell "SAR."

HTLV-III SCREENING

Counseling and blood screening services for individuals concerned about exposure to the virus associated with AIDS. For more information about this free confidential service sponsored by the Department of Public Health and Counseling Services, Inc., call (617) 542-9000. Weekdays 9 am to 5 pm. Outside Boston call collect. For more information call James Yarmuth at (617) 542-5188, Monday through Friday, 10 am to 4 pm.

Volunteering in the Boston Public Schools offers an opportunity to learn about, while contributing to, urban education and multi-cultural, multi-lingual environments. S.T.A.R. volunteers work with elementary, middle or high school school students during or after the school day, for long or short-term assignments, or in after-school sites throughout Boston.

Internships are available in Publicity/Marketing; Volunteer Management; Community Organizing, and Recruitment. Call School Volunteers for Boston at 451-6145 or visit the downtown office at 25 West Street, between Tremont and Washington Streets to learn now you can S.T.A.R. with Boston's youth.

If you're fascinated by robotics, the new frontier is happening at GE. GE is not only designing, building and selling robots, we're using them in bold, new ways. Robots are an integral part of GE manufacturing processes, for everything from applications to locomotives.

So consider your future through the eyes of today's most exciting technology. If you've got the technical skills and imagination, all you have to do is think. GE will take care of the rest. Send in the application today. Don't just be a robot, be a part of it.
Majors reported
(Continued from page 1)

H. Villars, physics academic officer, has speculated that "we've gone around in circles if you want to get a job after graduation, physics is a viable route." The faculty is happy to have more students, and the department will make sure it has adequate facilities for upperclassmen's lab requirements, he added. "When the time comes, we'll be ready." The only department to show a significant decline in enrollment was Chemistry. Twenty-two sophomores, compared to 43 sophomores last year, chose to major in Chemistry. Approximately 40 seniors per class have declared chemistry as their major over the past several years. "The faculty in the department would like to return to the higher enrollment level because 'that's the number we can handle most efficiently,"" said Melinda Glidden, coordinator of the undergraduate chemistry program. The department has changed the format of freshman chemistry classes in an effort to be "more accommodating," and is offering a seminar this year.

There are only half as many undergraduates freshmen this year as last year, although the class size is almost exactly the same. Enrollments in the School of Humanities and Social Science grew slightly; its most popular departments are Economics and Psychology. Enrollments in the School of Management and the School of Architecture and Planning decreased slightly.

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For more information call (802) 464-8501. For the latest ski report call (802) 464-2151.

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This space donated by The Tech
Turkeys lose out on bowl bid

A going for Tech Wild Turkeys football team won a spiritual victory Sunday in its season opener against the host and arch-rival Harvard Crimson. The Wild Turkeys employed a sophisticated aerial offense and a confused defense in combating the highly-favored Crimson, leading to a hard-fought 6-6 tie — 6 Crimson touchdowns against 6 Tech first downs.

"We lost by points, but we won by a lack of points," Turkey wide receiver Stanley "Etc" Elor '86 asserted. The tone of the game was set on the first play when quarterback "Major" Minor "Psycho" Huffman '86 was blitzed for a three-yard loss.

"You can blitz once every possession," an unidentified Crimson Crimson player explained — after the play.

The Tech nearly drove to its own 25-yard line on its first possession, mainly through Huffman's crisp passing and the fleet-footed receiving of Ben "Sting" Stanger '88 and "Captain" Andy Bein '87. The drive stalled abruptly when Stanger tried to catch a pass with his nose.

A tenacious Wild Turkey defense prevented the Crimson Crimson from crossing midfield on Harvard's first possession thanks to the acrobatic defensive backfield play of Harold "Howard" Stern '87 and Tom "Tom-Tom" Huang '86. Ron "Refrigerator" Becker '87 provided a relentless pass rush.

In the second quarter, The Tech surprised the Crimson from crossing midfield in the end zone to keep the game scoreless in the first minute.

Meanwhile, the Tech offense had difficulty getting its highly-touted passing game untracked. A series of miscalculations and almost-catches plagued the Wild Turkey offense. Stanger opened the second half with a spectacular tackle-breaking kickoff return. Unfortunately for The Tech, the game was two-hand touch.

Once again, the Wild Turkey offense sputtered, despite the exhortations of Coach Katie "Vince Lombardi" Schwartz '86. Then, computer science-major Elor announced that he had designed a computer science-major Etra announced that he had designed a computer science-major Etra an-

Special to The Tech

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"Media, media" is "go out for the bomb." "George and Mary sitting in a tree" means "take a look at those kids over there!" Man, they start so young these days."

The Crimson Crimson finally opened the scoring on a broken play intended to be a fake Statue of Liberty play. One Crimson player mistakenly invited some bumbled masses and all hell broke loose.

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Cross-country sweepes
Williams and Tufts

By Robert Zak

The men's cross country team swept a wet and soggy course in Tufts University in their last meet of the season Saturday. The junior varsity team also scored a close victory.

The Engineers set the pace for the varsity race early. At the two-mile point of the rain-soaked course, eight of the nine runners from MIT led the race. By 3.5 miles ahead of MIT's ninth man, Bill Hollerman '87, was in the lead, and ahead of everyone else. Bill Mallet '86 commented after the race that running with so many teammates made the race feel more like a training run than a meet.

Hollerman's win put the team in the lead, placing first for the third time in the season for the Engineers. Terry McNatt '87 pulled ahead of teammate Will Bauer G to place second in 26:24. Sauer placed second behind Hollerman and fourth overall.

Alastair Brier '88 finished fourth, followed by Bill Mallet who completed the MIT sweep by placing fifth in 26:37. MIT's perfect score of 15 won the meet. Tufts placed second with 38 points, and host Williams was third with 65.

Andreas Judas '89 led a first through fourth contingent from MIT in the JV race. Judas led the race from start to finish in 27:48. He was followed by Kyle Robinson '89 and Ted Manning '89. Sam Perote '89 ran the day's most exciting finish, beating a competitor from Williams by inches at the line to finish fourth. Dan Bled '86 contributed the final place to MIT's score, giving the Engineers first with 20 points. The Bears were second with 38, and the Jumbos were third with 68 points.

With the last of the regular season's races over, the Engineer's undefeated record now extends over two complete seasons. Saturday, November 3 marks the start of this year's championship season with the New England Championships at Franklin Park. (Editor's note: Robert Zak is the manager of the men's cross country team.)

Doug Sabin '89 and Mike Feldman '89 compete in Sunday's Freshman Regatta. MIT finished 8th.

Electrical Engineering, Computer Science and Mathematics Majors

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October 23rd
6:30 P.M.
Rm 34-101

Sponsored by Alpha Phi
Women's soccer defeats Pine Manor

By Paul Petersen

The women's soccer team played to win last Thursday against one of the most impressive victories in its brief history at MIT. An estimated home crowd of about 10 people watched the resilient Engineers trounce Pine Manor 10-1.

Under the direction of head coach Shawn Ladda, a former Mid-Atlantic all-star at Penn State, MIT outlasted Pine Manor from the opening kickoff. Very early, the opponents crossed midfield, as the Engineers bottled them up in front of the goal. The tempo of the game was set early by attack captain Jeri Ikeda '87, Marjorie Bump '87, and Irene Gregory '88. Fast passing and ball control by the three-er led to numerous scoring opportunities. Pine Manor's best defense was to kick the ball out of bounds. MIT got a lot of practice with corner kicks and free-kicks as a result.

MIT scored its first goal ten minutes into the game. A perfectly-executed crossing pass led to an easy goal for left-winger Eileen Murphy '89. MIT continued to pressure throughout the first half. Jeri Ladda used her whole back. "We have 27 women here who are dedicated to playing soccer," Ladda said. No matter who was playing, the same aggressive, spirited style of play was MIT's trademark.

Irene Gregory '88 and Ikeda added two more MIT goals to give the Engineers a 3-0 halftime lead. The squad's 3-3-4 alignment (three fullbacks, three halfbacks and four forwards) seemed more like a 4-4-2 offense. The fullbacks played a crucial role in keeping the ball in the offensive zone. Kathy Lin '86, Sofia Merola '87, Jansamy Tag '89 and Charlotte Weber '89 were instrumental in clearing away potential Pine Manor scoring opportunities and setting up MIT scoring drives. As a result, goalie Kathryn Silvestri '88 had an easy half.

This year marks the first year of varsity women's soccer at MIT. Pine Manor is also a first-year team, and, in its contest against MIT, had only ten players. In addition to being shorthanded, the Pine Manor players must have been tired after trying to keep up with the Engineers' potent attack. Ladda mainly relied on second strings in the second half. Not only did they fill their respective positions adequately, but they aided in scoring seven second-half goals. A few team members had never played soccer before this year. "The nice thing about having two more MIT girls on this team is that the first time out, you can have some level of success," Ladda noted. Murphy, Ikeda and Saccardo added early second-half goals to up the score to 6-0. MIT suffered its only setback at this point as a Pine Manor forward split the defense and beat Silvestri for the team's only goal.

The rest of the game was a continuation of MIT spirit, mainly carried out by Niki Pantelias '88 and Christy Alvord '89, who continued to put pressure on their opponents. Pantelias scored on an incredible turnaround shot, hitting it into the upper left corner of the net. Alvord, after nearly scoring numerous times, finally put one home off a defender. Laura Fiskelson '87 and Angela So '89 also scored to give MIT its 10-1 victory.

After losing to Brandeis Saturday, the team has a record of 6-6-1. The Engineers will play at Babson Thursday to complete their season.

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**open house**

to be held on

October 22, 1985 from 6:30 — 7:30 p.m.

in Room 34-101

- **SLIDE SHOW**
- **REFRESHMENTS**

Campus Interviews October 23, 24, 25, 1985

Placement Office
Rowers converge on Charles River

By Ash The Vo

The MIT Boat Club, defending champions in the Men's Lightweight Fours division, lost their title at this year's Head-of-the-Charles Regatta held on the Charles River Sunday.

Unfortunately, the varsity crew placed second in their race. Last year's team set the record for that event, capturing the Coleman Cup with a 1:47.4 time.

The US Naval Academy Rowing Team and the St. Catherines' Rowing Club shone at the 21st annual Regatta, and are expected to be among the top winners. Official results of the races are not yet available.

MIT's rowers competed in five events: Men's and Women's Lightweight Eights; the Women's Championship Fours; and the Men's Championship Eights.

Billled as the largest one-day rowing event in the world, the Regatta attracts over 250 teams from as far away as Denmark and England. The Need of the Charles, established in December 1964, is widely regarded as one of the most prestigious rowing competitions.

The rowers, ranging in age from youth crews composed of persons under 19 years of age to veteran scullers aged 50 and over, competed in a total of 18 events.

MIT's Women's Lightweights Eights captured ninth in their race, and the Women's Championship Fours team finished twelfth. The Men's Championship Eights rowed to a standing of 26th. The results of the Women's Club and Lightweight Eighte race were not available.

Mary Ellen Finney, MIT's Women's Novice Coach, also sailed with an alumne crew from Radcliffe College. Finney's team finished 31st in the Women's Championship Eights.

The Tech Boat Club, defending champions in the Head-of-the-Charles, finished ninth in their race.

The MIT Alumni Women's Lightweight Eights race in the Head of the Charles on Sunday.

Football defeats SMU, 3-0

By Katie Schwartz

It came down to a few feet of yardage late in the fourth quarter on Saturday, with MIT ahead 3-0, a fundamental past gap had given Southern Mississippi University the ball on MIT's three-yard line. But the Engineers' defense held on to save the game.

Pounding rain and a slippery field made the game a contest between the two defenses. The Engineers, ranked third in the conference in defense, held previously undefeated SMU to 96 yards rushing in 48 attempts, and only 107 yards of total offense. Meanwhile, Hugh Enkberg '85 and Chris Adams '85 ran for over 80 yards each. The pair are currently first and second in MIT rushing this season: 412 yards in 76 carries for Enkberg, and 393 yards in 93 carries for Adams.

The first half was a serratus struggle back and forth in the rain. One MIT drive looked like it was going to be successful, but a fourth-down field goal attempt by quarterback Peter Gasparini '85 went wide to the right. Gasparini succeeded in another field goal attempt in the third quarter, his first kick to score in four attempts. Then came the final kick. After three plays up the middle, SMU reached the six-inch line. On the fourth play they tried a fake up the middle with an outside run, but the nose was brought down 50 yards back.

The most defensive of the defensive were co-captain Larry Moore '60 with two tackles; Ric Rich '91, Kevin Poulin '88, Nick Nowak '86 and Mark Hansen '86 with eight each; and Chris Moreno '87 with seven. Moreno also made three sacks, while Hansom contributed two and Moore and Rice each one.

The win brings MIT's record to 3-3. In Saturday's homecoming game, the Engineers will meet Penn State at 3 pm in Commonwealth Stadium.

The Tech Alumni Women's Lightweight Eights race in the Head of the Charles on Sunday.

Tech photo by H. Todd Pottage

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