The MIT fund drive total may exceed target

By James Moore

The MIT Leadership Campaign is entering its final six months and officials expect to not only meet but to exceed the original campaign goal.

To this date, over $223 million has been committed to the fund drive, which is just below the final projected goal of $225 million. No one is sitting back and resting, however. Assistant Director of Resource Development Nelson Lees, the fundraising efforts will be increased over the final stages to try to exceed the original targets by as much as possible.

"A capital campaign is an all-out concerted fundraising effort," said Lees. "They are usually long-term programs and seldom will any organization mount for modest amounts." The Leadership Campaign is the third such major campaign in MIT history, and as seen, its goals are quite ambitious.

"It's all a matter of economics," continued Lees. "There was a time when capital campaigns people present, including that which is no longer feasible. At present, amongst major American colleges and universities, there are over 100 capital campaigns underway, seeking to raise over $6 billion. Everyone is looking for funds. Many people look up to MIT and the title of the campaign comes from this attitude. This is school is a world leader not only in science, engineering and research, but also in producing leaders in these fields. We have to maintain that leadership, and that requires funds support.

He cited the large number of distinguished faculty members at MIT who are leaders in their fields, and added that "support for promising junior faculty members, especially within the fields of science and technology, is also of critical importance to both the current and future development of teaching and research at MIT." He said that another major Leadership Campaign goal is increasing Student Aid endowments. Originally, $10 million was sought for this purpose, and with over $223 million has been raised, people are anxious to exceed this amount substantially. Lees explained, "The $10 million goal is actually below $10,000, however, that we should be realistic in asking for contributions. In the late 60's and early 70's, the school was a source of amusement to those whose machines functioned properly, and those who went to watch. The machines fell into three basic design categories. There were machines designed to move as large a mass within the two kilogram limit as far out on the beam as possible, machines designed to capture their opponent's machine and prevent it from moving, and machines designed with properties to force them downward. Many machines combined more than one of these features.

In terms of function, the machines classified themselves into several groups: those that didn't move, those that moved but didn't stop at the end of the beam, those that moved in the wrong direction, and lastly, those that moved in the right direction and stopped before the end of the beam.

There were several reasons cited by the participants and observers for the failure of vehicles which did not run. Many shut their own power supplies while others failed to make contact with the two copper strips which ran the length of the track.

Several of the machines ran quite smoothly but, in the wrong direction, including one which slipped its opponent off the opponent's end of the beam and promptly followed it to the floor. Many of the machines, after seemingly good starts, failed to stop at the end of the beam and sallied merily forward. The students had designed assorted devices, ranging from strings tied to the beam or held by brackets to elaborate clamping systems to prevent such occurrences, but these precautions failed in a disappointing number of cases.

Some of them were not as simple as expected; for example, one device was not designed to stop its opponent's machine, but to push it out of the way. The students were told that they have any help they can get.

The central aim of the Campaign, according to Lees, is to increase the school's endowment, especially for the establishment of new professorships by June 30, 1980. Although MIT has had no major capital campaign since 1948-49, although "strong progress has been made toward establishing new endowed professorships, additional chairs are urgently needed."

He cited the number of distinguished faculty members at MIT who are leaders in their fields, and added that "support for promising junior faculty members, especially within the fields of engineering and technology, is also of critical importance to both the current and future development of teaching and research at MIT." He said that another major Leadership Campaign goal is increasing Student Aid endowments. Originally, $10 million was sought for this purpose, and with over $223 million has been raised, people are anxious to exceed this amount substantially. Lees explained, "The $10 million goal is actually below $10,000, however, that we should be realistic in asking for contributions. In the late 60's and early 70's, the school was a..."
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World

Shah Outlawed — Surgeons from the New York Hospital Cornell Medical Center operated for two and one-half hours Wednesday on Mohammed Riza Pahlavi, the deposed Shah of Iran. They removed an enlarged lymph node, his gallbladder, and a piece of kidney to test for cancer.

Nation

House continues gas price control — The House of Representatives voted 225 to 189 Wednesday to continue price controls on gasoline, reversing its decision of twelve days ago. The vote, after routine debate, reflects strong White House opposition to abolishing the controls. In a related matter, Mobil Oil Corporation announced a third quarter increase in profits of 19.6 percent, the largest announced by any of the international oil companies so far.

Nitrous Oxide no laughing matter — In reports delivered at the annual meeting of the American Dental Association, Dr. Ellis Cohen, professor of anesthesiology at Stanford University, stated that there is a definite link between health problems and "laughing gas," [nitrous oxide] an anesthetic and recreational drug popularly believed to be harmless. Ellis noted that in comparison to dental personnel, patients are exposed only very briefly. He did not comment on the effects of prolonged exposure to "whippets."

Campus

2.70 design contest held — Karl Ulrich and Richard White were declared co-champions of this year's 2.70 design contest which was held last night in 26-100. The contest pitted pairs of contraptions against each other on a balance beam. Whichever machine had the beam tipped in its favor at the end of 10 seconds was declared the winner. The finals ended with the beam level. It was the only tie of the entire contest.

— By Richard Salz and Tom Cunliff

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— By Richard Salz and Tom Cunliff

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Steve Solnick

Take time to read between the lines

They started cleaning out the offices of Thursday this week. For those of you who are new, Thursday was until last year the other newspaper student organization.

They were irresponsible, obscure, irreverent, untrustworthy, unreliable, and discontented—but I have known them at least once each week. You see, irresponsible as they were, they knew what news was. Not that they always knew how to report it accurately, mind you. But they knew when issues deserved to be called real news and, unlike any medium on this campus today, they wasted no time in shouting about it.

Lots of information gets disseminated around this campus each week. It's become very easy to take it all on face value. But there's often something hidden behind the everyday news stories. While it's easy to nod and accept such a sentiment, hard questions about whether the Institute's offerings are as varied and balanced as they should be will only grow in the future to come.

Last week's Tech Talk announced the creation of a Sustaining Fellowship Program of the Institute but also draws into its orbit new friends and supporters who might not otherwise have a relationship with MIT. The Fellows are described as "individuals 'who support MIT's mission and contribute to the Institute's resources.'" What the reader does not know is that the theater cited has been cancelled to make room for a parking lot.

The Report of the President and Chancellor, which was included in Tech Talk last week declared: "Our students seem to be making fewer and fewer use of the resources which the Institute provides for the theater, and in fact, attendance at lectures has increased."

But they knew what issues deserved to be called real news and, unlike others, they knew what was news.

I've always been interested in the history of journalism and I've been very interested in the history of the news media at MIT. What I've found is that there is a larger history of journalism at MIT, a larger history of journalism at MIT than I had ever realized. And nowadays it's up to each of us to make a difference.

But they knew what issues deserved to be called real news and, unlike others, they knew what was news.

The Tech is published twice a week during the academic year except during MIT vacation, weekly during January, and once during the week in June for $2000 annually to MIT.

Simply don't accept such a sentiment, hard questions about whether the Institute's offerings are as varied and balanced as they should be will only grow in the future to come.
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The Bay of Your Life
Diatoneks, Jules and the Polar Bears on Columbia Records. JU. Jules.

Listening I saw an album by a new group called Jules and the Polar Bears. I dismissed it immediately, thinking it was another new wave effort by one of those bands with a trite "name" — they would be gone for a few weeks and sink into obscurity, never to be heard from again.

I was wrong. That album, Got No Breeding, met with tremendous critical acclaim and virtually no airplay, which I thought would still guarantee the aforementioned obscurity. Wrong again. Jules and the Polar Bears did disappear, but into a studio to produce their second album, which was released last month. Having learned my lesson, (don't judge an album by its cover), I borrowed a copy of the new release with the intent of giving it one listen and dismissing it again. That one listen, however, was enough to change my mind about this band.

Diatoneks (phonetics) by Jules and the Polar Bears (Got No Breeding) contains some of the most original music to be released in years. Songwriter/lead singer guitarist Jules Shear takes standard rock idioms and twists them beyond all recognition, creating songs which at first seem overly familiar, but turn out to be surprising due to the unexpected changes he incorporates. Shear does not rock what Nick Lowe does to pop — he takes folk song roots and revitalizes them, making them sound fresh and exciting. Like Lowe, however, Shear's music cannot be easily categorized — it is new wave, even straight rock. Not a new mixture of old things, as Shear writes, "What do you belong to?" But isn't really clever; this music stands alone.

The Polar Bears are the perfect vehicle for Shear's activity — tight backup for the vocals and with great work. The playing never gets less enough to slow down Shear's Jackson Browne-like voice, a voice that seems perfectly suited to the tunes. The opening cut, "Fred's Room," is a perfect example of how well the band works together. A variety of styles are exploited, all successfully. "I Give It" and "All Tied Up" are a box for the band's new wave roots, all of olde the frenetic playing and choppy, jerking typical of that style. "The Smell of Home" is an experiment with reggae rhythms, highlighted by the keyboard player (you don't know his name — it's listed on the cover)."
Movies

Frenzy, the Midnite Movie, Saturday, October 27, on the second floor of the Student Center. This week's LSC Image.

Foul Play, Friday, 7 & 10, 26-100.

On the Waterfront (Classic), 7:30, 10-250.

Diamonds Are Forever, Saturday, November 4, 7:15, 10-26-100.

Duck Soup, Sunday, 6:30 & 9, 26-100.

Music

The 8-52's at The Paradise, Monday, Oct. 29, 8:30pm.


Peter Dayton and Flashubes at The Source, Fri. and Sat.

Infatuation and Mission of Burma at The Honey Lounge, Fri.

Unnatural Axe and Poodle at Canzone's, Fri. and Sat.

Nervous Eaters at The Rat Fri.; Fri. with Thrills and The Fast.

Jean-Luc Ponty at the Orpheum Theatre, Friday, November 2 at 7:30 pm; tickets $8.50 & $7.50.

Steve Forbes at the Berklee Performance Center, Friday, November 2 at 7 pm; tickets $8.50.

Tom Petty and the Heartbreakers with the Fabulous Poodles at the Orpheum Theatre, Friday, November 9 at 7:30 pm; tickets $8.50 & $7.50.

Andy Kaufman at the Berklee Performance Center, Sunday, November 18 at 7:30 pm; tickets $9.50.

The Grateful Dead at the Cape Cod Coliseum, Saturday, Oct. 27 and Sunday, Oct. 28, at 7:30 pm; tickets $8.50 in advance, $10.00 day of show.

Stay at the Boston Garden, Saturday, November 10 at 8 pm, tickets $9.50 & $8.50.

Tom Waits at the Harvard Square Theatre, Saturday, November 10 at 7:30 pm; tickets $8.50 & $7.50.

Jack Dejohnette's Special Edition with special guest Miroslav Vitous at the Morse Auditorium, Saturday, November 3 at 7:30 pm; tickets $7.50 in advance, $8.50 day of show.

Spindrift at the Berklee Performance Center, Saturday, November 3 at 7 pm; tickets $7.50.

joolz

(Continued from page 6)

Aluminum oxide is an excellent album; a remarkable display of new talent that shows a whole new direction for modern music to follow. — David Shaw

The Mugus Theatre Company makes its debut with a production of Edward Albee's Who's Afraid of Virginia Woolf?, which will run for four weeks at the Hurry Pudding Theatre off Harvard Square. For tickets information and reservations call 744-1981.

The Lyric Stage presents William Shakespeare's Much Ado About Nothing, with performances Wednesday, Thursday, and Friday evenings at 8:00 pm, and Saturdays at 3 & 8:30 pm.

Tickets range from $4 to $6 depending on day. For information, call 742-8703.

Gilda Radner-Line from New York at the music Hall Friday October 26 at 8 pm and Sunday, October 27 at 7 & 10 pm; tickets $15.00, $12.50 & $10.00.

The British American Repertory Company opens at the Wilbur Theatre with the Tom Stoppard comedy Rally Lines, which will run October 30 through November 18. Performances Tuesday through Saturday at 8 pm; Sunday at 7:30 pm; matinees Saturday at 2 pm and Sunday at 3 pm. Tickets range from $14 to $50; for more information call 423-4008.

The improvisational comedy duo, Montyech and Rand, will conclude their one-week run at the Wilbur Theatre this Friday and Saturday, October 26 & 27 at 7:30 pm. For ticket information and reservations call 423-4008.

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(Continued from page 1) The target occupancy date.

"Financing is still a very real

problem, however, and as of now, a bond will have to be taken out

to cover the cost of construction."

The Leadership Campaign

will end April and officials have

no plans for mounting another
capital campaign. Nonetheless,

there is a constant need for

finances, and fundraising efforts

will continue past this date, said

Lees. "It's a fact of life," he ex-

plained, "that the various func-

tions of the school are constantly

in need of support. While it won't

be in the context of a capital cap-

aign, fundraising will be contin-

ued for a substantial list of top

priorities, to finish what hasn't been

completed, and to attend to faculty needs." He hastened to add that Leadership Campaign

officials are very pleased with the
drive thus far and the campaign has

is regarded as successful.

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on November 5, 1979
First UMOC contest was close

Editor's note: The first UMOC contest developed into a form which surprised the campus at the time, but which is now taken for granted, as can be seen in a series of articles in The Tech from November 1953 to January 1954.

UMOC waits you! Alpha Phi Omega's Ugly Man Contest begins next week on Monday, December 7. More candidates are needed in the contest for the title of UMOC Ugly Man On Campus, to send your nominating applications now to Harris Weinstein, Box 3143, Burton House, before midnight Sunday, December 6.

A photo or sketch of the candidate should accompany each entry. Specific merits of the candidate, such as age, measurements, number of teeth, or angle and length of nose should also be included in these entries.

Candidates in Alpha Phi Omega's Ugly Man contest have shown an alarming tendency to actually want to win.

The present third place contestant, Klaus Kubierschky '56, wracked with burning jealousy, has made the APO booth in Building 19 his habitual hangout where he constantly brings tears (but no votes) to the eyes of the milling crowd of voters with his painful, toothless, cross-eyed grin.

A bitterly contested rivalry has sprung up between the Air Force and Army ROTC. Fighting for the Air Force is Robert Warshawer '54, known as "the guy who makes up the drills", while Major F. B. "A prince of a fellow" Moon represents the Army.

Warshawer's tactics consist of threatening the quivering cadets with longer and tougher drill periods if he fails to win. Probably drawing extensive training and experience at West Point, Major Moon has adopted the opposite tactics and is cajoling his subordinates to vote for him with soft words, excusing drill periods if he fails to win.

With what amounted to an eleventh hour action, Bob Warshawer '54 was pushed ahead to first place in Alpha Phi Omega's Ugly Man contest in the closing minutes of the voting last Friday, December 11.

Early Friday morning, eight dollars worth of pennies were dumped in Warshawer's bottle, bringing him from a distant to a close second, and making him a dangerous competitor for first place candidate Major F. B. Moon. From then on the race was nip and tuck, reaching almost a dead heat in the hour before 5:30 pm, the contest's closing time.

Suddenly, at 5:29:1/2, the crowd surged forward and began stuffing money into both candidates' ballot boxes with the monetary equivalent of 100 votes.

Gammoned or Backgammoned?

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"girl" fanciers favor St. Pauli Girl with its delicious, full-bodied flavor and sparkle. Many have already discovered St. Pauli Girl Dark with its hearty and distinctive German richness.

Left to right: President, Jerome Wiener, Count UMOC, and Iggi. Two of them won UMOC '78. (Photo by Tom Klimovitch)
Abortion rights defended

By L.J. Dunn

On Monday "An Open House on Abortion and Law" was held at BU College of Liberal Arts, beginning Abortion Rights Action Week.

The purpose of the forum, held before a predominantly female audience, was to inform the public of the current legal status of abortion.

The panel, which consisted of Judith Levin of the New York chapter of the ACLU and attorney Nancy Geirner and Kathy Malvin, attacked current and pending legislation in several states. The panel claimed the legislation would require doctors to stimulate patients by telling them half-truths concerning the dangers of abortion, declare fetuses human beings, require waiting periods, deny Medicaid abortion to women whose health might be endangered by a full-term pregnancy, allow the father and grandparents to halt an abortion, prevent public hospital from performing abortions, or require burial rites for fetal tissue.

Gertner asserted that the belief that a fetus is a human being is basically religious, and that denial of abortions on that basis is in fact a violation of the First Amendment right of freedom of religion. The group said that attacks on "reproductive freedom" are attacks on the economic independence granted by the ability to choose when or whether to have a family, and that any woman who wants to have an abortion should be economically and legally able to have one.

Machines compete on pivot beams

(Continued from page 1)

After the start of the contest, topped its left wing engine and dangled it by a string.

The audience filled the room to well over its legal capacity and many people were standing in the aisles and in the back of the room. The audience was loud, at times loud enough to make the announcements inaudible, but generally well-behaved with much cheering for the successful and sometimes the unsuccessful entries, and much complaint about the disqualification of many entries on technical grounds, such as exceeding the 18" diameter limit.

The contest is appreciated by many for what it is, a spectacle as well as a demonstration of the creativity of the students. And numerous members of the audience expressed interest in the final rounds and future contests, some declining to enroll next year, "just for fun."

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A modern dance concert, directed by the creative artist, Susan Rose, at 8pm Alumni Hall at Wellesley College on Oct. 28. Admission is free. All are welcome.

Chamber Music with fortepiano by Mendelssohn and Schubert, including the Trout Quintet, will be held in Jewett Arts Center at Wellesley College at 8pm on Oct. 28. Mary Sadownik, fortepiano; Daniel Stepner, violin; and others will perform. Sponsored by the Grace Slack McNeill Program in American Art, Peter Moore, Director of the Virginia Museum of Fine Arts in Richmond, will speak on "Robert F.ke". The lecture will start at 6pm on Oct. 29, in Jewett Auditorium. All are welcome.

A modern dance concert, directed by the creative artist, Susan Rose, at 8pm Alumni Hall at Wellesley College on Oct. 28. Admission is free. All are welcome.

The Third Annual Greater Boston Invitational Songfest will be held Saturday, Oct. 27, 7:30pm, at the Massachusetts Institute of Technology, room 10-250. The MIT Chamber Music Society, harpsichordist John Harbison will present a concert of chamber music by J.S. Bach on Saturday, October 27, 7:30pm, in the Chapel at the Massachusetts Institute of Technology.

The three artists will play for Violin and Continuo, BWV 1023, Sonata for Violin and Harpsichord, BWV 1017, Sonata for Violin and Continuo, BWV 1028 and Prelude and Fugue in D minor, from the Well-Tempered Klavier, arranged for violin, cello and harpsichord by Mozart, K.488.

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A modern dance concert, directed by the creative artist, Susan Rose, at 8pm Alumni Hall at Wellesley College on Oct. 28. Admission is free. All are welcome.

The Third Annual Greater Boston Invitational Songfest will be held Saturday, Oct. 27, 7:30pm, at the Massachusetts Institute of Technology, room 10-250. The MIT Chamber Music Society, harpsichordist John Harbison will present a concert of chamber music by J.S. Bach on Saturday, October 27, 7:30pm, in the Chapel at the Massachusetts Institute of Technology.

The three artists will play for Violin and Continuo, BWV 1023, Sonata for Violin and Harpsichord, BWV 1017, Sonata for Violin and Continuo, BWV 1028 and Prelude and Fugue in D minor, from the Well-Tempered Klavier, arranged for violin, cello and harpsichord by Mozart, K.488.
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The less they study the more they learn.

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ON-CAMPUS INTERVIEWS WEDNESDAY, OCTOBER 31

And if you can't make it then, take the initiative and get in touch with our Personnel Department directly.

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Rugby team loses 3-0 to Wild Roses

By Cliff Tabib

Editor's note: Cliff Tabib is the coach of the MIT Women's Rugby Football Club.

The women's rugby team lost a tough defensive battle to the Hartford Wild Roses last Saturday, 3-0.

In many ways, however, the game was a success. The MIT club has gone through a frustrating period in the last few weeks. After a promising start, in which the club defeated the defending New England Collegiate champion, Springfield College, 20-3, the team has had trouble pulling together. Minor injuries and team defections necessitated playing inexperienced women in key positions. Partially because of this, the forwards failed to gel as a unit. They had no confidence in themselves. However, in Saturday's game the team, and especially the forwards, finally pulled together.

The Wild Roses followed their opening kickoff and quickly pushed the Engineers close to the goal line. The MIT forwards set customized positions. Partially experienced women in key positions enjoyed a frustrating period in the last few weeks. As in the first half, the forwards were thwarted by a few inordinately good plays.

Serious drive in the second half. As in the first half, the forwards were thwarted by a few inordinately good plays. However, in Saturday's game the team, and especially the forwards, finally pulled together.

The game showed the MIT defense to be formidable. With more effort and teamwork, the squad could be the stuffing of a pennant and would be a threat to any team's offensive game. Right now the team is only 1-2 as the team is not likely to come on board to find yourself on the wrong side of a professional 'generation gap'. The chances are outstanding that you'll quickly find yourself working with as well as with nationally preeminent individuals in their fields who are eager to help you make the right decisions, without being oppressive about it.

The motivation behind this attitude is worth knowing. Because the expansion curve here has been so steep, more top posts have been made available. Now most of these have been filled by the mid-level staffers on board who demonstrated their leadership already. This in turn created a whole new array of mid-level opportuni- ties for those which are being filled by our junior people on the rise.

All of which creates a pretty vigorous "career suction" at the entry level.

And although you may already know that CSC corporate-wide is one of the largest information sciences companies in the world, you'll want to learn more about the Systems Division's role creating some of the world's largest computer-based communication systems, command control communication systems, satellite information systems, advanced energy management and control systems, and turnkey computer-based systems of high sophistication that will help people and governments everywhere.

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Go ahead and be cynical. But listen.

The facts are not just that we have more bong fide opportunities for new graduates than ever. The clincher is that all of these entry level openings are enthusiastically endorsed by our technical managers and operations directors.

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But what this positive attitude at CSC means is that it's not likely you'll come on board only to find yourself on the wrong side of a professional "generation gap..." The chances are outstanding that you'll quickly find yourself working with as well as with nationally preeminent individuals in their fields who are eager to help you make the right decisions, without being oppressive about it.

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**MIT names diving coach**

By Bob Host

Andrea Whitelaw, daughter of Eastern Collegiate Athletic Conference (ECAC) commissioner Scotty Whitelaw, has been named coach for both the men's and women's swimming teams at MIT. An all-American at Michigan in 1973 and Arizona State in 1974, Whitelaw placed second in the one-meter and fourth in the three-meter diving events in the 1972 National Association of Intercollegiate Athletics for Women (NAIA) championships. She attended the Olympic trials in Chicago in 1972 and has served as diving coach at Western High School the past two years.

MIT will host the New England Team Racing championships tomorrow and Sunday on the Charles. Entered in the regatta are MIT, Harvard, Yale, Brown, Tufts, Boston University, Rhode Island, and the Coast Guard Academy. The top two teams will advance to the Intercollegiate Yacht Racing Association (IYRA) championships next June, which will also be held at MIT.

The club football team travels to Loudonville, NY tomorrow to face Siena College at 1:30pm. The Engineers sport a 3-2 record after a 14-3 loss to Fitchburg State last weekend. Siena is 1-4 on the year. Last year, Siena defeated MIT 30-14 in the only home game the Engineers played that season.

Hallbeck Jeff Olson '81 continues to lead the team in scoring with 18 points, and is rushing 271 yards through the first five games. Bruce Wrobel G has passed for 476 completion percentage, with 39 completions in 82 attempts, good for 607 yards and three touchdowns. Barry Burt '83 has caught 16 of these for 237 yards and two touchdowns; other top receivers are Greg Herky '80 (nine receptions for 123 yards) and Terry Beutel '81, with nine receptions and 141 yards.

MIT's defense has allowed only 11 points per game on the average, but even more interesting is the fact that no team has scored on the Engineers in the first quarter. In addition, Willy Schwartz '82, whose brother Dave is the placekicker for Yale, hit on MIT's first field goal ever when he kicked a 28-yarder against Fitchburg Saturday.

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