6.270 Robots to Battle Today

By Douglas E. Heimburger
ASSOCIATE EWS EDITOR

Contestants in this year's 6.270 Autonomous Robot Competition breathed a sigh of exhaustion yesterday evening in Room 38-600 as their robots were impounded for today's contest.

Daylighting set over three weeks of building and testing, teams began qualifying Monday night. The two-round competition will be held today in Room 26-100.

Because 50 teams are participating in this year's contest, up from 40 a year ago, a preliminary round of competition will take place this morning at 11 a.m. in 26-100.

The final round of competition begins at 6 p.m. in 26-100. Organizers recommend arriving before 5:30 to gain a seat in the room.

Because the normal overflow room, 26-101, is being used for another lecture, overflow space will not be available this year. However, the contest will be professionally broadcast on MIT Cable, Channel 9.

Dickson Set To Retire After 40 Years at MIT

By David D. Hsu
ASSOCIATE EWS EDITOR

After working for five MIT presidents, Senior Vice President William R. Dickinson '56 will retire on June 30.

Dickinson supervises several offices including Physical Plant, the Campus Police, the Planning Office, and Insurance and Legal Affairs.

Dickinson has a very long association with MIT. "I've been around MIT most of my life," he said.

"I've always been interested in what I've been doing."

Since graduating from MIT with a degree in building engineering and construction in 1956, Dickinson has spent all but two years working for MIT. He spent those two years working for Avco Corporation.

Dickinson returned to the Institute in 1960 to become an assistant to the director of Physical Plant. He later became director in 1971, vice president for operations in 1980, and senior vice president in 1982.

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Dickinson, Page 10

Dickinson is survived by his parents, Gary and Judy, and a sister, Holly. The funeral is scheduled for today at the Bushnell Chapel in Chico.

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**WEATHER Graze by**

By Gerad Roe

The weather for the next few days will be dominated by the con
trol of a strong high pressure system that is large and powerful
and developing off the coast of the Carolinas will head out to sea be
fore impacting us too much. The glancing blow will however bring
some storms and rain showers. Expect some showers to be very
flurry or sprinkle along the coast. In the wake of the departing storm
temperatures will fall a little as the colder air is drawn southward, and
there may be some spotty morning fogs.

**Today:** Mostly cloudy. Winds from the east until morning. High 39°F (4°C). Low 28°F (-2°C).

**Thursday:** Continued mostly cloudy. Winds out of the north. Chance of an overnight flurry. High 49°F (9°C). Low 26°F (-3°C).

**Friday:** Chance of a flurry early. Then clearing. High around 35.
First Lady Claims ‘Right-Wing Conspiracy’ Behind Scandals
By Howard Kurtz
THE WASHINGTON POST
WASHINGTON

When Hillary Clinton charged Tuesday that there is a “vast right-wing conspiracy” working against her husband, she had no shortage of enemies in mind.

From the American Spectator to the British tabloids, from Vince Foster conspiracy theorists to television evangelist Jerry Falwell, the Clintons have been under siege by the conservative critics and a phalanx of allies in the press.

The virulence of their animosity toward the Clintons is suggested by reader host G. Gordon Liddy’s disclosure that he used pictures of the president and first lady for target practice.

The conservative Spectator has depicted Hillary Clinton as a broomstick-riding witch. Other critics have denounced the first couple as immoral and corrupt and predict-
The Admissions Answers

During the last few months affirmative action in admissions has come under fire from a variety of corners, including most recently a column in the Faculty Newsletter by Kerry Emanuel '76, professor of earth, atmospheric, and planetary sciences.

Unfortunately, much of this discussion has taken place without a good review of what MIT's admission policies actually are.

Before a dialogue can take place, members of the community should be aware of what policies constitute the status quo.

If the current affirmative action policies in admissions are attended by a good deal of confusion, the complexity of those policies is partly to blame.

Many students may be under the impression that the admission to the Institute is based primarily on college board scores and grades, this is not the case.

The admission board breaks the information in the application into two groups, quantitative and qualitative. The quantitative score is figured by computer, and the subjective part is determined by application readers.

Grades, class rank, and test scores figure prominently in the quantitative half of the analysis.

The qualitative score, however, rests primarily on questions of community involvement and academic ambition.

Application reviewers try to determine, for example, if applicants distinguished themselves in an activity outside of academia. MIT looks at community involvement and academic excellence in roughly the same proportions.

The purpose of this is to bring students to MIT who will both succeed academically and contribute something to the Institute community.

Where does affirmative action enter the picture?

Affirmative action in admissions is primarily seen in MIT's recruitment process. MIT recruits heavily among underrepresented minorities, and so-called "academic superstars" — those handful of students who have distinguished themselves in nationally recognized science contexts.

Recruitment takes many forms, both subtle and obvious.

Programs such as Interface and Campus Preview Weekend provide tangible efforts to encourage prospective candidates to apply in admissions literature and videos play a less dramatic role.

The current affirmative action policy in admissions is a balanced and appropriate way of bringing a diverse group of qualified students to campus.

MIT does not lower its standards or subject applicants to different standards, nor does it abide by any system of quotas for women or underrepresented minorities.

That having been said, it is unfortunate that the Admissions Office has made little effort to participate in the current discussions and clarify its policies on affirmative action in admissions.

Students and faculty alike are concerned about whether MIT's policies in this area are appropriate.

Clarification from the Admissions Office may not end the debate, but it will allow to proceed in a more informed manner.

MIT's affirmative action policies in admissions represent a balanced approach to attracting the best possible students to campus.

It is unfortunate the incipient dialogue on affirmative action has been left without the benefit of a more concrete statement and focus on its behalf than those who know the process best.

Opinion Policy

Editorials are the official opinion of The Tech. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors, and opinion staff.

Letters to the editor are written by electronic submission. Submissions are encouraged and may be sent to letters@the-tech.mit.edu. Hard copy submissions are accepted as well, although e-mail is preferable.

Letters to the editor may be edited for space and style.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mails is the easiest way to reach any member of our staff. If you are unable to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. The Tech can be found on the World Wide Web at http://the-tech.mit.edu.

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January 28, 1998
I had the rare privilege of observing people at the height of their power...
Opportunities for PhDs in Europe

Deutsche Morgan Grenfell is the investment banking arm of the Deutsche Bank Group, one of the world's leading financial institutions with more than 74,000 employees in 2,400 offices in 200 countries. DMG is committed to being one of the world's leading investment banks. Our continued success depends entirely on the quality of the people we attract, retain and develop and therefore our Graduate Recruitment efforts are of paramount importance within the firm.

In 1998 we will seek to recruit around 400 graduates, PhDs and MBAs into our global graduate training programmes around the world.

In particular, we are interested in targeting PhDs in analytical disciplines for our London operations (e.g., sciences, mathematics, finance, engineering, computing) for positions in our Global Markets and Information Technology divisions.

Global Markets

Within Global Markets there are a number of opportunities for highly analytical graduates in areas such as Derivatives, Research and Relative Value. In all of these areas, PhD level skills in mathematical and financial modelling are vital in the production of risk and option pricing models and other project based analytics.

In Relative Value, for example, PhD hires perform political and economic analysis of the fixed income and currency markets and use models to spot relative value trading opportunities and to market those trade ideas. Working in the main Global Markets dealing rooms of DMG you would be exposed on a daily basis to pressured, high volume sales and trading activity and therefore a calm, confident personality is essential. Good team playing and communication skills and an interest in finance and financial theory are additional prerequisites.

Information Technology

Within DMG technology is viewed as a vital element to achieve and retain competitive advantage, enabling the Bank to adapt to an ever changing and challenging business environment. The ability to exploit the opportunities offered by the latest technologies will be a key factor for the Bank to accomplish its ambitious goals.

Our Application Development teams work very closely with the businesses they support in order to develop the leading-edge solutions required in today's financial industry, using C, C++, Java in an NT and UNIX environment. The Technical Infrastructure group is concerned with the network, telecommunication and database architecture on which our systems are built. It is highly demanding technically and geared to harnessing leading-edge technology to drive our large, complex systems capability.

In addition to strong computing skills, candidates will need to be creative, business orientated individuals who possess a practical interest and flair for implementing technological solutions.

If you are interested in applying to either of the above areas at DMG. Please fax your resume with covering letter, stating your area of interest to:

Michelle O'Hara 44 171 545 3016
by Wednesday 4th February 1998.

We shall be running limited interview schedules on February 10th.
Scoop
By Teresa Huang

Chung Hay Fat Choy! Have a happy Chinese New Year today and a happy last week of Independent Activities Period. Enjoy the freedom while you can. Go wild.

All that Jazz. Jasmine Goy, the talented chick that played Whitley in the 1980's sitcom A Different World, lends her singing savvy to the national tour of Chicago, playing now at the Colonial Theatre. This show was rejected by audiences for being too risque when it first hit Broadway in 1975, but with the new sexy age of theater, Walter Bobbie's 1997 revival works wonders. Call 993-3181 for tickets or try for $20 cash only rush tickets, available at 10 a.m., Tuesday through Saturday, and at noon on Sunday for same-day performances. Rush seats are in the first two rows of the theater.

Not all that. I recommend avoiding Miss Saigon. Powerful as the music may be, this so-called "classic love story" is nothing more than the stereotypical story from Madame Butterfly masked behind fancy sets and an operatic score. The degrading portrayal of Asian women and glorification of the U.S. Army is enough to make an open-minded person sick. Skip it.

Blame it on El Nino. Due to last week's snow scare, the "How to explore career options beyond on-campus recruiting" event sponsored by Career Services has been rescheduled for Thursday, Jan. 29 at 4 p.m. in Room 4-149. Employers and alumni working in marketing, patent law, Internet publishing, transportation planning, and other fields will discuss how they found jobs in their respective fields. This informal seminar is especially recommended for those who aren't sure of their career goals.

Make your life fun. The Game, Michael Douglas' psychological thriller is out on video. The film has gotten mixed reviews from critics, but this critic assures you that this film rocks. Throw out your darn MIT logie for a few hours and get ready for a roller coaster of a mind screw that will leave you terrified and curious at the same time. If you don't like it, don't worry. It's just a game.

Food for the Soul. Bob the Chef may sound like an uninspired name for a cajun/creole restaurant, but it is easily the ultimate dining experience in Boston. Located past Huntington Avenue on 604 Columbus Avenue, less than a block away from Mass Ave, Bob the Chef serves soul food like you've never tasted. Spicy barbecueed spare ribs, soul fish, beef and chicken livers, and glorified chicken (that's not a typo). With amazing side dishes rounding out a menu packed with down-home goodness, Bob the Chef is the place to treat your loved ones and your own appetite.

Casterbridge Place 90210. It's a story of love triangles, murder, infidelity, and a man who can't escape his past. No, it's not the O.J. Simpson trial. It's The Mayor of Casterbridge by Thomas Hardy. An amazingly smooth read, Hardy tells the tale of Michael Henchard, a man who sells his wife in a drunken stupor and spends the rest of his life attempting to escape his actions, only to find that he cannot. The plot is thick with betrayal and romance leaving you impressed by the themes that have remained timeless since the book was written in 1886. Check it out at the library or read the complete text at http://www.bibliomania.com

THE ARTS

Policy Internships in Washington, DC for Science and Technology Undergraduates!

MIT Washington Summer Internship Program

Apply your scientific skills and technical training to public policy issues. Students selected to participate in the program work in DC for two months during the summer in paid internships in government agencies, the private sector and advocacy groups. Complementing the summer internships are a trip to DC during spring break and a 12 unit HASS seminar on policymaking that meets before and after the summer internship.

Past summer interns have worked in the White House Office of Science and Technology, the US Department of Commerce, the US Department of Energy, the American Electronics Association, the American Association for the Advancement of Science, NASA, the American Association for the Advancement of Science, the American Enterprise Institute, the Congressional Research Service, the Heritage Foundation, the Brookings Institution, the Economic Policy Institute, the National Academy of Sciences, the National Institutes of Health, the Climate Institute and the MIT Washington Office.

DEADLINE FOR APPLICATIONS IS MONDAY, FEBRUARY 9, 1998.

For more information and an application, send email to summerwash@mit.edu, iguanatw@mit.edu, call 252-1844, 253-3649 or check out our website at http://web.mit.edu/polscl/www
Work remains to be done

Although work done over the summer will improve Kresge’s facilities significantly, the CAC has identified a wish list of ideas to be included in a second phase of renovation, including new audio-visual systems in the auditorium and new mechanical systems for the building as a whole. In addition, the glass curtain wall of the building could be replaced.

While the $3.6 million second phase has been planned, the funded at the present location of the barbecue pits.

The two practice rooms in the facility will be completely renovated and will have a new updated floor and lighting system, Walsh said.

In Kresge Auditorium, the stage extensions that formerly had to be raised and lowered by hand will now be adjusted mechanically, said Michael W. Foley, assistant director of operations for CAC.

“One of the goals is to get more events there” by decreasing the setup time for shows, he said.

Groups relocate during changes

The closure of Kresge during Independent Activities Period has caused some inconveniences for theatre groups who use the facility for rehearsal and performances.

“We pushed it off as far as we could” to avoid inconveniencing groups during the fall term, Foley said. Contractors initially wanted to close the building in one phase for the entire renovation, but the building’s level of use required it to be open for both academic terms.

No major performances have been cancelled as a result of the changes, although some groups have had to adjust their schedules to accommodate the closure.

Theatre rehearsals were relocated into the fourth floor of the Student Center and to theatre arts rooms across campus, Walsh said.

Program rooms to be updated

Space on the ground floor of the new Kresge will be reorganized to better accommodate the variety of theatre and music groups that use the auditorium and its practice spaces, Walsh said.

Because smaller mechanical facilities are being installed, more storage and practice room space may become available, Walsh said. Some of the equipment will be located in a basement facility beneath the walk to the Student Center that once housed ice-chilling equipment for an ice rink located at the present location of the barbeque pits.

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Bldg. 16 Renovations Nearing Completion

By Brett Altschul

As anyone walking to Room 26-100 can see, the renovations of Building 16 are near completion. Workers have removed almost all the barriers blocking the hallway along the building.

The entire process should be complete by April, said O. Robert Simha, director of the Planning Office. "They're pretty close to finishing up," he said. "It's not a long way off."

Although delays plagued the renovation of the adjoining Building 56, the Building 16 project is on schedule, according to Simha.

The renovations have seen the addition of a number of features to the building. The changes will also bring the building into compliance with the Americans with Disabilities Act, said Nancy Joyce, project manager for Beacon Construction Company, the outside contractor in charge of the project.

The new features include a straight ramp between Buildings 8 and 16. The old ramp had several turns, making it somewhat difficult to navigate, Joyce said.

An elevator was also recently installed in Lobby 16. It has doors opening both on the floors of Building 16 and on the adjoining split-level in Building 8.

Currently, the lobby of Building 16 is undergoing renovation. A new vending machine area will be constructed on the first floor, along with a new entry vestibule and loading dock. There may also be enough space for the addition of a new Athena quickstation cluster, Joyce said.

People may move from Building 20 into renovated Building 16 MIT already has an occupancy permit for Building 16. This means that, even though the renovation process isn't entirely complete, people could theoretically begin moving into their new offices and laboratories now.

Many of the new occupants of the building will be coming from Building 20, which is scheduled to be torn down this year. Simha said that areas of the building should be accessible before the entire project is completed.

This could provide relief for many students walking across campus. No direct, entirely indoor, route from Ames St. to the main group of buildings has existed since the renovations of Building 56 began in the summer of 1995.

"It depends on when you're talking about, and when work is being done on any particular level," Simha said, about when the main hallways on the floors would open, "but I think it should be relatively soon that people will be able to walk through on a relatively normal basis."

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Dickson, from Page 1

went heart bypass surgery after suffering a heart attack. However, health concerns were not a factor in his retirement considerations. Dickson had decided during the summer to retire.

"I'm probably better off physically now" than last year, he said.

Health Concerns Not a Factor In Dickson's Retirement Plans

Dickson ordered the arrest," Dickson said. "Any time we had to move in that direction, I felt badly that it would have to come to that."

There probably could have been steps taken to avoid the arrest, Dickson said. Both sides had good intentions, but tempers and emotions went awry, he said.

Vest will choose replacement

President Charles M. Vest will work to fill the vacancy left by Dickson's retirement.

Over the next few weeks, Vest will appoint an advisory committee to mount a national search for candidates.

"It is possible that there will be some reorganization of responsibilities in due course," Vest said.

Since many of the senior administration are of retiring age, there may be substantial change, Dickson said.

Dickson will achieve one of his goals with the demolition of Building 20, the last of the temporary structures built during World War II. The construction of Building 68 and renovation of Buildings 16, 56 has allowed people to move out of Building 20.

Dickson's office also underwent some changes. In 1996, when many of the offices under the senior vice president were moved under the Dean's Office. These student-related offices included the Financial Aid Office, the Department of Housing and Food Services, Registrar's Office, and Bursar's Office.

"It will work fine," Dickson said of the reorganization which is still in a period of transition. When more student services offices move into Building 11, they can work in a consolidated manner, he said.

Although he would like to finish everything he started, that is "not practical or possible," Dickson said.

Some things, like the reorganization, are still proceeding. Re-engineering of student services and other offices with which Dickson was greatly involved, is being completed. Coordinating Housing and Food Services with the Office of Residence and Campus Activities is also moving forward.

Dickson quashes protests in 1990

In one of his most controversial actions, Dickson ordered the arrests of students protesting apartheid in 1990.

The Coalition Against Apartheid had built a symbolic shanty on the lawn between the Student Center and Massachusetts Avenue. Thirty students were arrested after tensions escalated when Campus Police attempted to dismantle the shanty.

Dickson oversees the Campus Police, "I'm probably the one who went heart by bypass surgery after suffering a heart attack. However, health concern were not a factor in his retirement consideration. Dickson had decided during the summer to retire.

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Students No Longer Permitted To Enroll in 8.02 without 8.01

By Frank Dabek
ASSOCIATE NEWS EDITOR

Students will be unable to concurrently enroll in Physics I (8.01) and Physics II (8.02) next semester when the Physics Department will begin enforcing the 8.01 prerequisite to 8.02.

This decision may inconvenience up to 20 students who had planned to take both courses next semester as well as students who wished to enroll in 8.02 without having passed 8.01. The prerequisite had not been enforced in previous terms.

Associate Head of the Physics Department Thomas J. Greytak PhD ’62 said that students wishing to enroll in 8.02 must have either passed 8.01 or have submitted a petition to the department signed by their adviser. “Someone has to have a very good reason” to take 8.02 without having first received credit for 8.01, Greytak said. “A preq is a preq.”

The department decided to enforce the prerequisite in order “to protect students from themselves,” Greytak said. The prerequisite had not been enforced in the past “against our better judgement.” In the experience of the department, few of those students who took both courses concurrently did well, he said.

The decision was based on physics department statistics as well as input from counseling deans, he said.

Doubling 8’s increases failure rate

“If [students] double up...almost invariably they fail” one of the courses, said Denise J. Walters, associate dean for undergraduate academic affairs.

Walters said that it was important for students to be “well grounded in physics” before moving on to subjects where instructors count on a certain level of familiarity with basic concepts discussed in 8.01. While many students claim that they know the material in 8.01 despite not having passed the course, Walters debunked these claims as “bogus.” In 8.01 students “acquire a new way of thinking,” she said.

According to Greytak only about eight students had preregistered for both courses, but more could still register after the conclusion of 8.01. Most of the 15-18 percent of students who fail 8.01 do not attempt to take both courses the next term, he said.

Carolyn M. Dunbar ’00, who took both courses during the spring term of 1997 said that she experienced no difficulties in taking the courses concurrently. “Anything I needed (for 8.02) I learned in high school,” she said. Dunbar, a Course I major, said that she took both courses in the spring because “I wanted to get all my math and science done on pass/fail.”

Rachael L. Leventhal ’01 hoped to take 8.02 in the spring but has not passed 8.01. Walters advised her to take 8.02 in preparation for classes in Course VI and to take 8.01 at a later date.

Leventhal called the decision “very unfair” especially the fact that “they are doing this without any warning.” Leventhal had already made arrangements to take a class equivalent to 8.01 at another university.

Julia E. Preston ’00, who also took the courses during the spring of 1997, said that the courses could be challenging without a previous mechanics background. She said that the courses were “about 95 percent separate.”

Students who fail 8.01 will be unable to concurrently enroll in Physics I (8.01) and Physics II (8.02) next semester when the Physics Department will begin enforcing the prerequisite to 8.02.

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This bicycle outside Bexley Hall seems to have had its fair share of the winter onslaught last Friday.

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x3-1541
The Tech
January 28, 1998
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Damned for Life
by Jessica Wu

Newton visits his high school...

Hey Mr. C.,
how are you?

Ah, my old
high school...

O.K., fine,
how are you?

O.K., you know how
it is. It's not too
hard once you
get used to it...

Blah blah blah...

Oh, well it was nice
seeing you again!

Okay, well
come again!

Who was
that kid?

Rhino
Man
by Zachary Emig

This story so far: Rhino-Man has defeated two Yakuza
hitmen, and reported back to Prof. Atama and Sector 9.
But unknown to him, the Yakuza crime families have banded
Together, and are now launching "Operation Backlash.

A cold, windy
evening in Tokyo.

something foul
is afoot.

Hello, what
have we
here?

Off Course
by Hugo

This is the
last time
I bet on
Green Bay.

To think that I have
to clean Laura's
bathroom while wear-
ing scuba gear and
a tutu.

And using only my
toothbrush.

I feel like I've been
stripped of all my
dignity.

If only she hadn't
sold tickets.

Hey Flippers, you
missed a spot.

Turn the page for more comics!
It's what's for breakfast.

And it doesn’t stop there. Stop by our office in Room 483 of the Student Center any Sunday at 5 p.m. for our department meetings and more free food. And now that we’ve whetted your appetite, surely you’ll want to join MIT’s Oldest and Largest Newspaper. No experience necessary!
I'd quit and become an entrepreneur, but I don't know how they handle such huge risks.

Denial, probably.

Their CEO says he plans to be as "humane" as possible.

He sounds nice. Maybe we'll get bonuses!

Don't worry about my flu, Alice. Germs don't fly through the air.

Achoo!

I finished my work despite having a slight flu. Here's your copy.

Um... you should give that copy to Wally.

Wally isn't on this project.

I know. I just figure he has the least reason to live.

I appointed myself "Deputy of Common Sense."

I will apply swift justice to those who exhibit a lack of common sense.

So, it's swift justice for people who aren't too swift?

And I'm using a chocolate gun for irony.

Freeze!!

You scheduled a four-hour meeting to find out why people are behind schedule!

No, look at the agenda! The fourth hour is a discussion about why morale is low!

Deputy of Common Sense.

You are accused of trying to motivate your employees with insulting gifts.

You're missing the symbolism. I gave them chess pieces to show that we're all on the same team.

Specifically, you gave them pawns.

I'm saving the rooks for bonus day.
ON-CAMPUS RECRUITING AT MIT

Informational Seminar: March 4, 1998
5:30 pm, Room 8-105
Refreshments will be served
Interviews: March 5, 1998

Visit our website and stop by the Placement Office for details and sign up dates.

Imagine working at a place where the discoveries of research are transferred directly into the development of real-world applications, such as air defense, space surveillance, communications and air traffic control systems. An environment of vast resources where the advancement of technology and one's intelligence are highly valued. You might call it the opportunity of a lifetime - we call it MIT Lincoln Laboratory.

If you are pursuing a degree in:
- Electrical Engineering
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we want to talk to you.

Stop by our booth to meet our representatives at: The 1998 MIT Tau Beta Pi Career Fair; February 6, 1998—AISES/NSBE/SIPE Career Fair, February 20, 1998. Office of Human Resources, MIT Lincoln Laboratory, Box CN97, 244 Wood Street, Lexington, MA 02173-9108. Fax: (781) 981-7086.

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SCHOOL OF ENGINEERING
ENGINEERING INTERNSHIP PROGRAM (EIP)
ORIENTATION LECTURE

TUESDAY, FEBRUARY 3, 1998, 4-5PM, RM 6-120

TO ALL SOPHOMORES IN THE DEPARTMENTS OF AERO/ASTRO, CIVIL, MATS, SCIENCE & ENG., MECHANICAL, NUCLEAR, OCEAN AND UNDESIGNATED, LEARN TO RELATE TRADITIONAL ON CAMPUS ACADEMIC PROGRAMS WITH OFF CAMPUS WORK EXPERIENCE IN INDUSTRY/GOVERNMENT WHILE EARNING JOINT SB/SM IN ENGINEERING.

ALSO, THERE IS A NEW PROGRAM WITHIN THE EIP FRAMEWORK - A SUMMER JOBS PROGRAM. STUDENTS WILL HAVE A WORK ASSIGNMENT AT A COMPANY SITE FOR ONE SUMMER, INVOLVED WITH PROJECTS OF INTEREST TO THE COMPANY.

FOR MORE INFORMATION, PLEASE CONTACT--
KARL W. REID '84, '85
or SUSIE MCCLAIN (suzm@mit.edu)
Rm 1-211 / Tel: 253-8051
http://web.mit.edu/eip/www/
Robot Golfers Hope For Victory in 6.270

6.270, from Page 1

This year's contest, entitled "RobotGolf!", challenges a robot to pick up and drop foam balls from various places on the competition table.

Machines are allowed to start the contest holding up to 18 balls, which they can then attempt to drop into the holes located on the board. Teams can also score points by collecting the neutral balls located around the game board.

Rules discourage attack robots

The rules and competition board are designed to discourage "attack robots," said Edwin W. Foo '98, one of the contest organizers. Vertical drops of two inches at several locations on the board are designed to make it difficult for robots to actively pursue other robots.

However, several robots have been seen pursuing their opponents successfully, Foo said. "There are a few that do very interesting things."

Over the past few days, teams have been working to get their robots to qualify. During that process, "I have seen a lot of robots crippled," as teams disable the more advanced features in favor producing a working machine, Foo said. "It's like engineers are doing the best they can.

Still, there are "quite a few good robots" vying into tomorrow's competition, Foo said. "We have a lot of very high-scoring robots that score points by picking up and dropping" the foam balls.

Team success during the preliminary rounds does not necessarily turn into success during the competition, Foo said. "Last year's winner qualified by blind luck" after completely flipping over during the qualifying round, yet it performed perfectly during the final round.

"It will be very exciting once we get to the final rounds," Foo said.

Students breathe sigh of relief

Teams that succeeded in scoring points during the final few minutes before impoundment expressed their relief at having qualified for the competition.

"Those who won their qualification round will enter the double-elimination tournament with no losses. Other qualifiers will enter with a loss."

"The Campus Safe Ride" team, including Menlo D. Muzumdar '98, qualified after successfully grabbing a set of balls off the board. The team had to make many changes over the past week, including changing their geartrain and other mechanisms.

Meanwhile, the team including Kenrie S. Leung '98 just squeaked by to qualify for the competition by chopping up one ball before slamming into one of the support braces. The team made about 20 revisions to the software code of its robot, "The Peculiar Pineapple Picker," since Monday's rounds.

Between impoundment and the competition, the organizers encourage the teams to "call their friends and tell them to watch, charge their batteries" and sleep, Foo said.

*Nicole S. Rodriguez Her whole life ahead of her. Killed by a drunk driver July 13, 1993 Catlett, CA*

*If you don't stop someone from driving drunk, who will? Do whatever it takes.*

Teddean prior to taking part.

wherever you are, there's EMC

EMC Corporation is the company that banking, financial, and industry leaders worldwide rely on for the tools to access and safeguard critical business information in applications such as online reservation systems, transaction processing, customer billing, and more. EMC's intelligent disk arrays, software products, and services enable our customers to connect, protect and manage their data throughout the global enterprise - flexibly, transparently, across every major computing platform. In other words, we've taken information storage out of the box and made it a networked I.T. pillar of success.

A global enterprise in our own right, EMC is part of the S&P 500 Index with more than 6000 employees in more than 80 offices across the US and abroad. Our consistent dynamic growth creates ongoing opportunities to "break out of the box" with us.

To explore a future with EMC, please stop by your Career Center or send fax your resume to Human Resources, University Relations, Job Code: PMI-MIT/28, EMC Corporation, 5 Technology Drive, Milford, MA 01757-3681; Fax: (508) 435-8864. Or you may email your resume to: unirecruit@emc.com. Attached to your resume as an ASCII text file, using up to 8 characters of your last/first names_TXT (i.e. Smith_MIT.TXT). If you are using Word for Windows 95, save the document as: MITY.PST and fax it back. EMC is an equal opportunity employer that values the strength diversity brings to our workplace.

INFOHION SESSION: Feb. 12
On-Campus Interviews: Feb. 13

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ATM THIS MORNING
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A Foundation For The Future

Through a one year fellowship the Bose Foundation's programs emphasize:

• Innovative Thinking Leading to Excellence In Science and Engineering Education

The purpose of education is to develop basic thinking skills and to obtain a basis of knowledge in our chosen field. This provides the foundation for problem solving abilities across a range of disciplines. Development of better solutions to challenging problems requires dimensions beyond basic thinking skills and knowledge of the field; it requires creativity in conception and in approach. This can be achieved by adopting the following elements of attitude:

• A strong desire for a creative breakthrough

• Confidence in our ability

• An expectation that many false starts may be necessary

• Sufficient immersion in the problem to engage all of our faculties

• Analysis of each attempt to aid in the development of insight

In those cases where a task appears to be routine, we may need to intentionally spark the creative process. We do this simply by asking how the task can be done better, for better implies a different approach, which in turn requires creativity.

Supporting and Disseminating Excellence In Science and Engineering Education

As students of science and engineering, you have an excellent opportunity to develop your thought process by working on problems whose correct analysis yields a unique answer. Searching for the correct solution causes you to rethink the problem until comprehension develops and you get the right answer.

The Bose Foundation focuses its resources on education in the United States, with special emphasis on the communities in which Bose Corporation employees live. It draws on the unique resources of Bose Corporation to accomplish its mission and seeks the cooperation of other organizations that share a similar mission. To this end, each year the Bose Foundation sponsors a one year fellowship (approximately $34,000). This year the fellowship will go to a fifth year student who will be completing their Master's degree program in the School of Engineering during the 1998-1999 academic year.

For more information and an application regarding the Bose Foundation Fellowship program or our Perspectives on Education series, please see your faculty advisor. To obtain an information packet, call or write: Lyn Van Hoven, Bose Foundation, The Mountain, Framingham, MA 01701-9168. Call (508) 765-6238. Deadline for applications: February 27, 1998.

The Bose Foundation is dedicated to ensuring the availability of an educated work force for high technology corporations in the United States. This is accomplished by encouraging and supporting students and their educators in the study of science and engineering. These people will be the technical workers and inventors of tomorrow - role models and educators for the next generation.

Bose Foundation
POLICE LOG

The following incidents were reported to the MIT Campus Police between Jan. 9 and Jan. 20. This summary contains most incidents reported to the Campus Police but does not include incidents such as medical shuttles, ambulance transfers, false alarms, general service calls, etc.

Jan. 9: Blgd. 68, wire stolen, $10,000.
Jan. 10: Blgd. 56, malicious damage; Killian Court, suspicious activity; Blgd. E52, change purse stolen, $20; Blgd. E53, laptop stolen, $3,200; Bexley Hall, party with alcohol and underage students.
Jan. 14: Blgd. E52, room broken into and laptop computer stolen, $4,000; Rockwell cage, backpack stolen, $190; Blgd. 2, computer stolen, unknown value.
Jan. 15: Blgd. E52, attempted break into a room; Blgd. E31, electronic equipment stolen, $1,100; Blgd. 54, 1) desk broken into and $2 stolen, 2) electronic device stolen, $250; Audrey St. vehicle stolen from Boston recovered.
Jan. 16: Senior House, graffiti; Blgd. E52, laptop stolen, $1,700; 33 Mass. Ave. bike rack, bike stolen, $100.
Jan. 18: Blgd. 56, several rooms broken into with the following items stolen, 1) laptop, $3,541, 2) laptop, $1,800; Blgd. 54, two rooms broken into, nothing reported missing at this time; Baker House, peeping tom.
Jan. 19: Blgd. 56, items reported stolen from previous break, 1) laptop, $3,800, 2) disk drive and walkman, $200; Blgd. 36, suspicious person.
Jan. 20: Blgd. 2, suspicious activity; Blgd. 5, laptop stolen, $4,000; Blgd. 56, additional property reported stolen during break, camera equipment, $400.

Mit Campus Police

The Council for the Arts at MIT offers:

FREE TICKETS FOR MIT STUDENTS

To

Alan Brody's

The Housewives of Mannheim

Sunday February 1
2:00pm

The Boston Playwright's Theater
949 Commonwealth Avenue, Boston

Sign up IN PERSON ONLY at E15-205 with valid MIT Student ID and a $5 deposit which will be returned to you on the day of the performance

Round-trip transportation provided
When you can't find that elusive quote, print that inflammatory statement, or when that bland news tip just won't do, it's time to go out and find some news that is meaningful.

Have you heard some? Have you seen some? Do you know some?

We want to know! Think you can answer the challenge?

If you're interested in writing, just drop by our office on the fourth floor of the Student Center (W20-483) Sunday evenings at 5 p.m. to find out what's news and to get some free pizza.

Answer the challenge. No experience necessary.

---

**Kresge Redesign Not Yet Complete**

Kresge, from Page 8

...ing and timing of the project have yet to be determined, Walsh said. "What really got things going was the passage of the ADA in 1991," Walsh said. Since the sec-

ond phase does not involve critical issues or handicapped accessibility, it is of lesser priority than other work on campus. After the current set of improvements are done, "we’ll reassess where we are, review those remaining items and see if we can get them funded," Walsh said.

Work on the current phase of renovations began in 1995, when an accessibility study of the campus proposed a renovation to Kresge instead of stop-gap mea-

sures to improve accessibility. "Basically, it's the building that most frequently brings outside people to the Institute," Foley said. The report recommended full accessibility using an elevator instead of chair lifts along staircas-

e.

The architectural firm of Kevin Roche, John Dinkelwood and Associates has been planning the renovation. Roche previously worked with Kresge's original designer, Eero Saarinen.

---

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ON CAMPUS RECRUITS

**INTERVIEWS - TUESDAY, FEBRUARY 24TH**

Seniors in the following majors are encouraged to visit the Career Center immediately to sign up for Software and Application Engineering positions:

- Computer Science
- Chemical Engineering

**If you are unable to meet with us, please forward your resume to:**

The Foxboro Company, 33 Commercial Street, Building B52-1R, Foxboro, MA 02035.

An equal opportunity employer.
Alpine Skiers Fare Well Despite Weather Conditions

By Jonathan S. Sheffitz

The men's and women's alpine squads of the varsity ski racing team completed their second of five regular season race weekends this past Saturday and Sunday, with competition from the slopes, other teams, and the ever-competitive New England weather.

MIT competes in the Eastern Collegiate Ski Conference's Osborne Division, which contains the second-most competitive collection of NCAA teams in the Eastern U.S.: Boston College; Plymouth State College; the University of Massachusetts; Amherst; Middlebury College; Babson College; St. Anselm's College; Bowdoin University; Colby-Sawyer College; New England College; and the University of Connecticut.

Since NCAA skiing competition is non-divisional, skiing is one of the few sports in which MIT competes against Division I and II schools, in addition to its more typical Division III rivals.

Each weekend competition consists of two runs each on a slalom course on Saturday (quick, short-radius turns) and a giant slalom course on Sunday (longer-radius turns at higher speeds), with each day's two runs totaled together to determine each skier's finish for that weekend.

The times of the fastest five men and the fastest three women determine the team standings for each weekend.

The team got an early start for its on-snow training back in October at Killington, but was not scheduled to run any race training courses until the beginning of Independent Activities Period.

Weather thwarts training, races

Unfortunately, this coincided with the week of the non-infamous ice storm. After rain and warm temperatures wiped out local training on Tuesday, the team headed north to Loon Mountain in New Hampshire where only more rain greeted them.

Then a non-collegiate competition scheduling for Mt. Sunapee on Jan. 10 was canceled because the ice storm disrupted power service.

Fortunately, cold temperatures returned for the next week, and with the northern snow pack intact the team was able to run some challenging race training courses at Loon. UMass hosted the first race at Berkshire East on Jan. 17-18. Co-captain Brooke Baker '99 led the women's team with 17th place in Saturday's slalom, while Monica Taylor '01 and Chrisy Hartmann '98 provided the other two scoring times. MIT finished seventh out of 11 teams, ahead of Babson.

The women's basketball team's 126-0 win over the Judges was MIT's overtime 71-66 victory against Choues over the course of the weekend. Chou '98 won all four of his matches at England Division III in their weight class.

In wrestling, MIT competed in the Eastern Championships.

The women's basketball team's 126-0 win over the Judges was MIT's overtime 71-66 victory against Choues over the course of the weekend. Chou '98 won all four of his matches at England Division III in their weight class.

The wrestling team split six matches at the recent North-South schools, in addition to its more typical Division III rivals.

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Gymnast Ellefson Sets Record

By Roger Crosley

Gymnast Sonja Ellefson '01 set a school record on the balance beam with a score of 9.30 in the 1994 Eastern Division III in their weight class.

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Immediate trumpet openings. Auditions welcome on all instruments. Contact FOR MORE INFORMATION CONTACT THE CONCERTS OFFICE AT 253-2826.

Tuesday, February 3, 9am. Sight-reading and prepared solo required.

First Meeting and Auditions: Monday, February 2, 7pm, Killian Hall.

Rehearsals: Monday–Thursday, 6–8:30pm, Room 2-190. Auditions:

MITCA Music of Africa Performance Ensemble

Hockey, from Page 24

of MIT’s team total.

Avishai Geller ’01 has been a welcome addition to the team, scorching seven goals while assisting on numerous others as the left winger on what may be the most dangerous line in the conference.

Four other rookies have been seeing playing time with the team’s top three units, and all have been dependable and at times spectacular. Also of note is perennial crowd favorite, Buddy Webb ’98, whose tough but clean physical approach has kept the Engineers from being abused some nights.

The defense is anchored by cap-

tain Jim Goodman G, who is as steady and reliable as ever. Goodman’s maturity has inspired and held together a relatively inex-

perienced defensive core, which contains no one with more than a year’s worth of experience playing for MIT.

Captain John Zehren ’99 has been characteristically solid in net for the Engineers, saving his finest performances for the most important of MIT’s games, such as the team’s 4-2 defeat of archrival Central Connecticut State in which Zehren made acrobatic save after acrobatic save, sealing the victory for MIT.

This year marks the return of
team coach Joe Quinn, who was sidelined for the last year. Quinn, and assistant coach Mark O’Meara seem to have found the right formu-

la, as the Engineers seek to sate the accomplishments of the ’95-’96 squad, which started out with 14 straight wins on their way to receiv-
ing a bid to the National Championships.

The Engineers will seek to con-
tinue their winning ways at 7 p.m.

Thursday, January 29th, 4-5:30pm

for the MIT Cup.

HOW TO EXPLORE CAREER OPTIONS BEYOND ON-CAMPUS RECRUITING

(Fields other than science, engineering, finance, or management consulting)

Thursday, January 29th, 4:50-5:30pm

Room 4-149

Hear employers and/or alumni discuss interesting career opportunities in areas such as transportation planning, patent law, marketing/communications/ advertising, internet publishing, and other fields.

Please pre-register in the Career Office (12-170)

Participating Companies include:


Track, from Page 24

were present. Bates proved to have the most muscle, as they took the top two places, with the winner throwing a national qualifying dis-

The defense is anchored by cap-


mit.edu.

First Meeting and Auditions: Monday, February 2, 7pm, Killian Hall.

All interested students must sign-up. Auditions and solo piece required of new members only.

MIT Brass Ensemble / Brass Quintets

Rehearsals: Tuesday/Thursday, 5-7pm, Killian Hall.

Contact the director, Lawrence Isaacson: isaacson@mit.edu.

MIT Concert Band

Rehearsals: Monday/Wednesday, 8-10pm, Krege.

First Meeting and Auditions: Wednesday, February 4, 8pm. Bring prepared solo. Additional info: rob99@mit.edu.

MIT Concert Choir

Rehearsals: Monday/Thursday, 6-8:30pm, Room 2-190. Auditions: Thursday, February 5, 6pm. Group auditions, no solo required.

MIT Chamber Chorus

Rehearsals: Tuesday/Thursday, 9am - 10:30am, Killian Hall. Auditions: Tuesday, February 3, 9am. Sight-reading and prepared solo required.

MIT Festival Jazz Ensemble

Rehearsals: Sunday, 7-11pm; Wednesday 5:30-7:30pm, Krege. Immediate trumpet openings. Auditions welcome on all instruments. Contact the director, James O’Dell: jodell@bostonconservatory.edu.

MIT Symphony Orchestra

Rehearsals: Tuesday/Thursday, 7:30-10pm, Krege. First meeting: Tuesday, February 3 at 7:30pm. Please call the Concerts Office to arrange an audition.

MITCAN Music of Africa Performance Ensemble

Rehearsals: Tuesday/Thursday, 7-9pm. First meeting: Thursday, February 5, World Music Center, N52, 7pm. No previous experience necessary. Info: pcchou@mit.edu.

For more information contact the Concerts Office at 253-2826.
Women Gymnasts Struggle with Beam

By Eduardo Ovalle

The women gymnasts travelled to Brown University last week for their fourth competition in 11 days. The team was doing remarkably well considering their grueling schedule, until they got to the balance beam.

Beam was the last event of the evening for the Engineers, and all of a sudden, the team allowed the toll of the last two and a half weeks of non-stop workouts and meets. Only two gymnasts managed to stay on the 4-inch-wide apparatus while everyone else fell off twice. Co-captains Alii Christenson '98 and Sonya Ellefson '98 were the only two that managed to tame the beam on this night. Both of them were surprised to see windows along one side of the track, which were especially appreciated by the long distance runners who welcomed the change of scenery.

Chen, French, and Steine gave solid all-around scores. Christenson scored a 34.925 aided by a very steady 8.95 on beam, and Ellefson racked up yet another personal best in the all-around (36.325) and on vault (9.15). Ellefson’s all-around score was good enough for second place at yet another meet against two Division I opponents.

Stephanie Cheng ’00 reordered the team and made an immediate impact with a very clean routine on floor (10.75). There were some notable absences from the line-up. Nam Kronshcabu ’00 was out due to sickness and Liz Ellington ’01 was out with a slight knee sprain, so MIT competed with only five gymnasts on both vault and floor.

The meet was ultimately won by Brown (177.375) who showed great improvement over the last two years. Northeastern University was also at the meet and came in second (172.40) followed by MIT’s 163.325. The team has had a much deserved weekend off, and their next competition is on Friday when they travel to Division II power Texas Women’s University. The time off will help cure some of the physical ailments of a team that is in a rut down, and maybe provide a secret to staying on beam.

Women’s Track Races In First Indoor Season

Club Track, from Page 24

plants it was the first time of coming along a banked track, because they were surprised to see windows along one side of the track, which were especially appreciated by the long distance runners who welcomed the change of scenery.

Chen, French, and Steine gave solid performances in the 5K, with times of 7:7, 8.3, and 8.6, respectively. French cleared 9’6” in the high jump (9.15). There were others who fell at the line-up.

Tanya Zelevinsky ‘99 took advantage of the competition to push themselves to run 11:49 and 11:47 in the 3000 and 5,975 and 6.05 in the 1000-meter race, respectively.

The club’s next meet will be the Terrier Classic at Boston University on Sunday, Feb. 1.

Tanya Zelevinsky contributed to the reporting in this article.

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plants it was the first time of coming along a banked track, because they were surprised to see windows along one side of the track, which were especially appreciated by the long distance runners who welcomed the change of scenery.

Chen, French, and Steine gave solid performances in the 5K, with times of 7:7, 8.3, and 8.6, respectively. French cleared 9’6” in the high jump (9.15). There were others who fell at the line-up.

Tanya Zelevinsky ‘99 took advantage of the competition to push themselves to run 11:49 and 11:47 in the 3000 and 5,975 and 6.05 in the 1000-meter race, respectively.

The club’s next meet will be the Terrier Classic at Boston University on Sunday, Feb. 1.

Tanya Zelevinsky contributed to the reporting in this article.

Women Gymnasts Struggle with Beam

By Eduardo Ovalle

The women gymnasts travelled to Brown University last week for their fourth competition in 11 days. The team was doing remarkably well considering their grueling schedule, until they got to the balance beam.

Beam was the last event of the evening for the Engineers, and all of a sudden, the team allowed the toll of the last two and a half weeks of non-stop workouts and meets. Only two gymnasts managed to stay on the 4-inch-wide apparatus while everyone else fell off twice. Co-captains Alii Christenson ’98 and Sonya Ellefson ’98 were the only two that managed to tame the beam on this night. Both of them were surprised to see windows along one side of the track, which were especially appreciated by the long distance runners who welcomed the change of scenery.

Chen, French, and Steine gave solid all-around scores. Christenson scored a 34.925 aided by a very steady 8.95 on beam, and Ellefson racked up yet another personal best in the all-around (36.325) and on vault (9.15). Ellefson’s all-around score was good enough for second place at yet another meet against two Division I opponents.

Stephanie Cheng ’00 reordered the team and made an immediate impact with a very clean routine on floor (10.75). There were some notable absences from the line-up. Nam Kronshcabu ’00 was out due to sickness and Liz Ellington ’01 was out with a slight knee sprain, so MIT competed with only five gymnasts on both vault and floor.

The meet was ultimately won by Brown (177.375) who showed great improvement over the last two years. Northeastern University was also at the meet and came in second (172.40) followed by MIT’s 163.325. The team has had a much deserved weekend off, and their next competition is on Friday when they travel to Division II power Texas Women’s University. The time off will help cure some of the physical ailments of a team that is in a rut down, and maybe provide a secret to staying on beam.
Women's Track Club Helps with Training

By Debbie Won

A women's indoor track and field club has been formed to help
women track athletes train in the
off-season. The training season
began on Nov. 12 with the club's
first organized practices.

With about half of the 30 ath-
letes who signed up for the sport
regularly showing up for practices,
the runners are already having a
great first season. They have partici-
pated in three open indoor-all-com-
ers meets since December and plan
to compete in two more during
Independent Activities Period.

The club did not compete for
several months while awaiting
approval from the club sports board
of directors. During that time, inter-
ested female athletes met daily for
workouts. Sprinter and jumper
Elaine Chen '99 initially organized
the meetings, and was later joined
by long-distance runner Robin Evans '99.

Pole vaulter and prospective
pentathlete Lila French '99 has also
been a strong source of motivation
during that time, inter-
ested female athletes met daily for
workouts. Sprinter and jumper
Elaine Chen '99 initially organized
the meetings, and was later joined
by long-distance runner Robin Evans '99.

The group began rounding up
support for the club early last
spring, passing around petitions and
meeting with the Department of
Athletics administration to find a
way to run a rigorous and organized
winter season of track and field.

While the men's track team has a
well-established indoor program and
have recently placed as high as sixth
at indoor nationals, the women have
never before had an indoor season.
The absence of a training season in
the winter puts them at a disadvan-
tage in the outdoor season, because
the vast majority of their competi-
tors have been training and compet-
iting for months before the Engineers
even begin their practices.

Impressive races at IAP meets

At a Jan. 3 meet at Brandeis
University, Stephanie Stone G
placed third and second, respective-
lly, in her 55-meter and 200-meter
heats, while Eisenberg had an
impressive second-place finish in the
3000-meter race with an 11:08.

On Jan. 18, several club mem-
ers participated in the Greater
Boston Invitational at Harvard
University.

The meet was held at Harvard's
indoor track. For many MIT partici-
pants, this was the first opportunity
to compete in two more during
Independent Activities Period.

Sprinters and hurdlers

Tetuo Inada and Steve Schlueter to
graduation, the Engineers entered
the season knowing that everyone
would have to pick up the slack if
this year's team were to be as suc-
cessful as last year's, which came
within a goal of the New England
College Hockey Association
championship.

The team returned its starting
lineup and its leading scorers,
but it was still evident that the
team's rookies would have to step
up and shake off their inexperience
for success to be in the team's
future, and their contributions have
played a large part in the team's
success.

The team is led once again by
the dynamic combination of Greg
Donaldson '00 and captain John
Rae '99. The two are 1-2 in team
scoring with 16 and 15 goals respec-
tively, accounting for just over half
of the team's total points.

The premier event of the day
was the distance medley relay, to
secure the win for the team.

Saszy-Parkins duo recorded over a
fourth of the team's total points.

The premier event of the day
may have been the 35-pound weight
throw. Eight of the top twelve
throwers in New England

UPS COMING HOME EVENTS

Friday, January 30
Rifle, MIT Beanpot Shootout, all day, through Sunday, February 1.

Saturday, January 31
Squash vs. Fordham University, 10 a.m.