

Jonathan Kossuth/The Tech

Alexis Photiades '91, ranked 10th in the NCAA Division III, returns the ball in MIT's 7-2 win over Amherst Wednesday. Photiades won his match as 10th-ranked MIT defeated 11th-ranked Amherst.

Students protest minority policies

By Andrea Lamberti

In an apparent effort to continue the momentum of Professor James H. Williams '67's protest of MIT minority education policies and practices, about 40 students held a demonstration in front of the office of President Charles M. Vest Wednesday afternoon.

The demonstration came on the heels of Williams' individual protest, during which he fasted every Wednesday in April from 9 am to 5 pm outside the offices of Vest and Provost Mark S. Wrighton. On the last day, April 24, approximately 100 students clustered around Williams in the second-floor corridor to show their support for his protest.

This week's sit-in was organized by students, who invited Williams to attend their demonstration, which he dubbed a "flash protest." According to Luis M. Gonzalez '92, different club leaders telephoned students

to inform them of the demonstration, which took place at 4:30 pm Wednesday.

The students called for the demonstration after realizing that Vest and Wrighton were not in their offices during last week's protest. This week, however, Vest had gone to the Awards Convocation ceremony in 10-250, and was not in his office.

Neither Vest nor Wrighton could be reached for comment yesterday.

Kristala L. Jones '94, one of the students who made phone calls for the demonstration, called last week's demonstration a success. She said, however, "We were sort of disappointed that the president and provost were not around, so we came back." She said that even though Williams' initial protest was over, "that didn't mean the problem was solved."

Williams spoke briefly to the
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Wilson proposes bill House reviews legislation to limit auto usage

By Karen Kaplan

Two bills written by Professor of Mechanical Engineering David G. Wilson were introduced to the Massachusetts House Committee of Taxation by Rep. Paul C. Casey (D-Winchester) on April 23. The bills propose several parking fees and suggest the establishment of a fund to improve non-automotive transportation.

Both bills have been "put into study" for further investigation and assessment of the costs of implementation, according to Casey.

"I want to propose legislation that creates positive incentives for people to drive less, [so] that things that are personally beneficial will also be socially beneficial," explained the 63-year-old Wilson, who bicycles eight miles to and from the Institute each day.

The first of the two bills, titled "A Bill to Rationalize Congestion Pricing Applied to Parking Fees," proposes the imposition of a parking "tax" on drivers by installing curb-side parking meter systems where "the demand for parking is greater than the number of available places during at least an average of 15 hours per week."

The fees imposed would be variable, and high enough so that on average, "at least 10 percent of the parking places are free at all times." All private parking facilities within half a mile of curb-side parking meter systems would also be charged "a fee equal to one-half the highest local curb-side parking charges for every vehicle using their facilities."

The second bill, called "A Bill to Establish a Transportation Trust Fund," would distribute money collected from parking fees and related fines so

that the bulk of it is used to promote "non-automotive transportation, including pedestrian movement, human-powered-vehicle movement (including bicycles), and various forms of public transit."

In addition, small shares of the fund could be used to make transportation improvements and cover administrative costs. Currently, money collected from fines goes into the states' general fund.

Economic incentives can encourage beneficial behavior

By raising the cost of driving, Wilson hopes his bill will provide an economic incentive for people to drive less, thereby reducing congestion, making more parking available, and cutting back on many types of pollution. He cited an example of de-subsidized parking in California that resulted in a 50 percent decrease in driving. Wilson also believes many lives and injuries could be spared if people

drove less.

"Things are always wasted if they are free," Wilson said. He believes that a parking tax is an ideal way to make motorists face the full social costs of their driving. In fact, according to Wilson, drivers should be willing to pay the tax because the resulting convenience would far outweigh the cost.

Wilson considered proposing a more traditional gasoline tax, but felt it would be ineffective, as motorists could go to New Hampshire to fill up their tanks.

According to Wilson, government studies have estimated that automobile drivers receive annual indirect subsidies of about \$3000 each. This figure includes land costs, upkeep of parking facilities, and
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Professor David G. Wilson

Vest will stay for Steer Roast

By Joey Marquez

Steer Roast, the annual party sponsored by Senior House, begins today and continues through the weekend. Unlike his predecessor, President Charles M. Vest and his wife will remain in their house adjacent to the dormitory during the festivities, according to Alena S. Campagna '91, head vice president of Senior House.

In years past, former President Paul E. Gray '54 and his wife Priscilla stayed at their alternate home during Steer Roast to avoid the noise of the party. The Vests' only home, however, is the Institute-provided house next to Senior House.

As an expression of their concern for the Vests, Senior House

residents offered to pay for the president and his wife to stay at the Hyatt Regency Cambridge hotel on Saturday night. But Campagna said the Vests decided to "stick it out" and determine whether or not to stay at home during future Steer Roast weekends.

Campagna added that both President and Mrs. Vest are scheduled to attend a Sunday morning pancake breakfast, and that President Vest will be flipping pancakes that morning.

Dorm to take precautions

Senior House representatives said they will be taking several precautions during this year's party, including careful monitor-

ing of alcohol distribution and limited access to dangerous locations.

David W. Hogg '92, president of Senior House, said "we are definitely not going to serve beer to people under 21." He said that the precautions are due to changes in the attitudes of Senior House residents.

Hogg said that the precautions being taken are not related to the death of David G. Moore '91 last summer, who fell to his death from a Senior House balcony July 4. At the time, sources said Moore was under the influence of LSD.

He also denied that the changes are related to the expulsion
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GSC elects Ciacci as next president

By Lakshmana Rao

The Graduate Student Council elected Furio Ciacci G president and Thomas M. Quinn G vice president at a special meeting held last Tuesday. The election was conducted through a secret ballot, the results of which were not made available for publication.

Michael D. Grossberg PhD '91, current GSC president, said all candidates won by "a substantial majority." He also said that it is "not unusual" for the GSC not to release the vote tallies from its elections.

The council, which had the minimum quorum of 22 members at the election, elected Christopher S. Stipp G secretary and Christopher B. Umminger G as treasurer. Stipp, of the Department of Biology, and Umminger, from the Department of Electrical Engineering and Computer Science, both ran unopposed.

The officers will officially take charge of their respective offices at the next council meeting, to be held May 14. They will serve for the next academic year.

Ciacci, a first year graduate student in the Department of Aeronautics and Astronautics, promised to continue to focus on governance while taking a special initiative to find new ways to promote the GSC.

"We need effective ways of reaching out to the graduate students and getting them more involved in the affairs of the council. We
(Please turn to page 7)



Lakshmana Rao/The Tech

The newly elected Graduate Student Council officers (from left): Vice President Thomas M. Quinn, President Furio Ciacci, Secretary Christopher S. Stipp and Treasurer Christopher B. Umminger

Washington office to establish Institute presence

Analysis

By Dave Watt

MIT's planned office in Washington, DC, may mark the Institute's first formal foray into the world of lobbying for scientific research programs.

Some consider an MIT presence in Washington long overdue, especially after MIT lost a contract for the National Magnet Laboratory last year to a concerted lobbying effort by Florida State University. But others question whether lobbying by individual universities could lead to a politicization of the peer-review process normally accorded scientific projects.

"Universities that commit to [taking] part in national organizations can shape policy, by making the resources of MIT available to the organizations and to Congress," according to John C. Crowley, the recently appointed director of MIT's Washington office. Crowley is now a vice presi-

dent of the Association of American Universities in Washington, and will take over MIT's office in Washington full-time starting Aug. 12.

Crowley deferred all questions about the role that MIT's new office might play in lobbying for funding for specific projects to President Charles M. Vest, who was unavailable for comment.

MIT's leaders have historically had wide personal influence in Washington. From former president James R. Killian Jr. '26's role as a science advisor to President Dwight Eisenhower, to former Provost John M. Deutch '61's defense connections, MIT officials have actively contributed to science, technology and defense policy since World War II.

But neither Provost Mark S. Wrighton nor Vest has extensive Washington connections. Wrighton raised \$1 million per year from government and industry for his research group, but his closest ties are with industry, including a \$3 million endowed professorship from Ciba-Geigy, a pharmaceutical firm.

Vest also has consulted widely in industry, but before he came to MIT, his only major contact with Washington was as a long-term consultant to the National Institute of Standards and Technology (then the National Bureau of Standards), beginning in 1979.

Currently, only 12 percent of MIT's research funding comes from industry, according to an article by Deutch that appeared in the June 1991 issue of *Technology Review*.

With the planned decline of defense budgets over the next five years, MIT is working to establish closer contact with non-defense agencies in Washington, particularly the National Science Foundation. The selection of NSF Director Walter E. Massey as this year's commencement speaker may be one indication of these efforts.

Most federal agencies funding research, including the NSF, use a system of peer review to decide which proposals will receive funding. Professors and other researchers submit proposals, which are then sent to their peers

for judgment. Authors of proposals do not, in general, know who reviews them.

But over the past several years, Congress has sometimes gone over the heads of the funding agencies and funded research at universities directly. In 1989, Congress mandated that the Department of the Interior award Brandeis University \$3 million for a bioscience center, according to a 1989 article in *Reason*. The article cites several other examples of this intervention, including a \$60,000 award to the University of Massachusetts in 1987 for a Belgian Endive Research Center.

Furthermore, funding for "big science" projects, like the National Magnet Laboratory and

the Superconducting Supercollider, is often awarded on both technical and political grounds.

Even though several technical reviews chose MIT's proposal for the \$60 million magnet laboratory to be the best submitted, a lobbying effort by Florida state politicians helped to persuade the NSF to place the lab at Florida State University. To NSF officials, MIT support for the lab seemed unenthusiastic.

Whether such a loss could have been prevented by a Washington office is unclear, but it is likely that such an office will be able to alert MIT officials to potential political defeats in the future. As competition for federal money becomes more fierce, MIT may be looking for an inside track.

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Michelle Green/The Tech

President Charles M. Vest presents East Campus night watchman James E. Roberts, better known as "Big Jimmy," with the James N. Murphy Award, which goes to a spirited employee who has won the hearts of students.

1991 Awards Convocation Recipients

The Karl Taylor Compton Prizes

(For students who have made outstanding contributions in promoting high standards of achievement and good citizenship)

Steven D. Penn G David P. Carroll '91
David G. Steel G Rebecca D. Kaplan '92

The William L. Stewart Jr. Awards

(For outstanding contributions to extracurricular life)

James W. Bales G Andrew M. Greene '91
John B. Morrell G Manish Bapna '91
Thomas H. Moyer G Monnica J. Williams '91
Dawn R. Orton G William B. Glass '92

Columbian Student Association

Defeat Discrimination at MIT

The Laya W. Wiesner Award

(For an undergraduate woman who has enhanced MIT community life)

Sallie E. Israeli '91

The Laya and Jerome B. Wiesner Awards

(For achievements in the creative arts)

Peter E. Dunn G Festival Jazz Ensemble

The Albert G. Hill Prize

(For minority juniors or seniors who have maintained high academic standards or improved the quality of life for minorities)

Darcy D. Prather '91 Benigno Salazar '91

The Frederick Gardiner Fassett Jr. Award

(For a member of the Interfraternity Council for spirit and dedication)

Ariel Warszawski '90

The James R. Killian Jr. Community Service Award

(For a fraternity with an outstanding community service program)

Phi Delta Theta

The Kenneth R. Wadleigh Award

(For an independent living group for promoting faculty/student interaction)

Zeta Psi

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(For innovations in MIT education)

Chemicals in the Environment

Amar Bose Teaching Award

(In recognition of outstanding contributions to undergraduate education by members of the electrical engineering and computer science faculty)

Alvin W. Drake '57

The Association of MIT Alumnae Awards

(For senior women for academic excellence)

Lori M. Lubin '91 Rebecca B. Scarr '91

The Louis Sudler Prize in the Arts

(For a graduating senior)

Julie A. Schmittiel '91

Graduate Student Council Awards for Teaching

(Presented separately in each school)

Marvin M. Miller

School of Engineering

Lawrence E. Susskind MCP '73

School of Architecture and Planning

Marcelo Cavarozzi

School of Humanities and Social Sciences

John Joannopoulos

School of Science

Arnold I. Barnett

School of Management

Robert M. Freund

The Goodwin Medal

(For a graduate student for conspicuously effective teaching)

James Fuller Abbott G Gregory W. Wornell G

The Edward L. Horton Fellowship Award

(For fostering fellowship among graduate students)

Graduate Student Council Activities Committee

The Everett Moore Baker Memorial Award

for Excellence in Undergraduate Teaching

Margery Resnick Robert J. Silbey

Steven H. Strogatz

The Gordon Y. Billard Award

(For outstanding merit performed for the Institute)

Warren Seamans

The James N. Murphy Award

(For a spirited employee who has won the hearts of students)

Be B. Hubbard

Phyllis Ruby

James E. Roberts

The Howard W. Johnson Award

(For the male senior athlete of the year; formerly the Class of 1948 Award)

Mark W. Dunzo '91

The Betsy Schumacker Award

(For an undergraduate woman athlete)

Lisa K. Arel '92

The Admiral Edward L. Cochrane Award

(For a male senior athlete for humility and leadership)

David R. Tomlinson '91

The Pewter Bowl Award

(For a female senior athlete for inspiration and leadership)

Theresa E. Fuentes '91

Stephanie L. Ragucci '91

The Malcolm G. Kispert Awards

(For the male and female senior scholar-athletes of the year)

Darcy D. Prather '91

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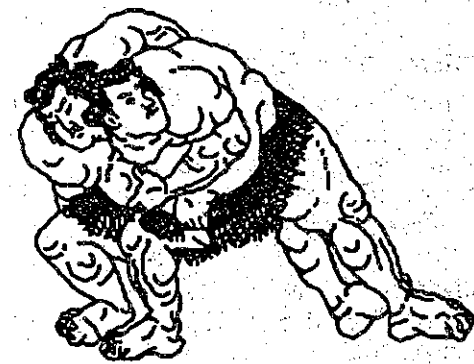
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news roundup

from the associated press wire

World

Bangladesh still reeling from typhoon

An unofficial tally from leaders and officials in Bangladesh said 100,000 people are dead as a result of this week's typhoon, and tens of thousands are missing. The nation's head of disaster relief estimated necessary aid at \$1.4 billion. He also said the nation needs aircraft to deliver goods.

Another official said the port of Chittagong "will be lost" without immediate repairs.

Diplomats said the nation's prime minister met yesterday with representatives of several industrialized nations to help plan emergency aid through the United Nations.

The European Community has granted almost \$12 million for such things as food, tents, blankets and medicine. The United States has said it will supply \$2 million in medicine. Japan has also pledged help.

Private humanitarian agencies said they are also trying to help. A Save the Children official said \$430,000 set aside for long-term aid is being switched to emergency relief. Oxfam started handing out supplies yesterday.

Corpses are floating in waters left by the typhoon, whose huge waves and high winds swept over islands and Bangladesh's southeast coast. One survivor remembers seeing waves "as high as mountains" before he blacked out. When he came to, his wife, son and three daughters were gone.

Nation

White House travel under scrutiny

The White House is widening its review of travel by top aides to see if records kept by Chief of Staff John H. Sununu '61 are accurate.

Spokesman Marlin Fitzwater said White House counsel Boydén Gray is giving the records closer scrutiny at Sununu's request.

President George Bush ordered the review after disclosures that Sununu used military planes for political and personal use. The original order called for focusing only on the policy of allowing aides to use military aircraft. It did not include a look at details of Sununu's travels.

Bush has defended Sununu, and the White House yesterday defended Vice President Dan Quayle's use of an Air Force plane for a recent golfing weekend in Georgia.

Fitzwater said the vice president always flies on military aircraft. He said that is right and proper, and it will not change. The trip cost taxpayers \$27,000.

Chemical plant explosion kills four

Fire and rescue teams continue to search the grounds of a fertilizer and chemical plant in Sterlington, LA. Explosions rocked the plant Wednesday, killing four people, leaving four missing and injuring more than 100.

The cause of the blast is not known, but a company official said it may have been caused by a propane gas leak. Federal investigators were at the plant yesterday.

Witnesses said the blasts hurled a man into the street and were felt eight miles away.

Troops search for Kurd refugee site

Allied troops are on the move in northern Iraq. United States, British, Dutch and French forces are expanding their security zone, scouting out a location for a second Kurdish refugee camp. Officials have discussed setting up a string of camps north of Iraq's 36th parallel. Elite US reconnaissance forces are moving deeper into Iraq, trying to see what Iraqi troops may be doing. One US officer said that Iraqi troops pull back when they see American units.

Lebanon moves to end civil war

Lebanon's defense minister said his forces are raking in militia weapons as the army regains control of ports and industrial areas. The official said Christians and Moslems have surrendered 80 percent of their arms so far. The recovery is part of the government's move to reassert its authority after Lebanon's long and bloody civil war, and the defense minister said the effort is going peacefully.

British send aid to Soviet Georgia

A British rescue team has gone to the Soviet republic of Georgia with special equipment to listen for any survivors trapped in rubble from this week's powerful earthquake. At least 100 people are still missing, and more than 80 are known dead.

Bush dismisses charges that Powell advised against going to war

President George Bush said a book that claims Gen. Colin Powell advised him against going to war in the gulf contains made-up quotes and inaccuracies.

The claim appears in the book by Bob Woodward, *The Commanders*. It depicts the chairman of the Joint Chiefs of Staff supporting restraint in the early days after Iraq invaded Kuwait last August.

The book also said Powell was stunned when Bush declared that the Iraqi invasion of Kuwait would stand three days after the invasion.

Bush said he has not read the book, but that there are some things in it that are not true. He called the book a "little nit-picking analysis after the fact."

The president said Powell gave superb advice and could not have been a better team player. He also said, "Nobody's going to drive a wedge between him and me."

Mexican trade plan criticized

Environmental, trade, labor and consumer groups said the Bush administration is trying to pull a fast one by asking for fast-track authority to negotiate a free trade agreement with Mexico.

Congress must decide by June 1 whether to allow fast-track handling of the deal. Such handling would allow Bush to negotiate an amendment-proof treaty. Congress would only be able to approve or reject the pact as presented.

Ralph Nader's group, Public Citizen, said Bush's promises to protect the environment and jobs in the United States are not adequate.

Local

Alleged sexual assailant gets new trial

The Massachusetts appeals court has ordered a new trial for a man accused of sexually assaulting his 4-year-old daughter. The appellate court ruled that testimony by the girl's aunt was prejudicial. The assault allegedly took place in April 1983 at the girl's Worcester home while she was watching television.

Investigators reported that the girl's father, Gregory Gardner, left the house the next day and did not return.

The girl testified that she did not tell anyone about the incident immediately because she was afraid of Gardner. More than three years later, she told her aunt about the alleged assault, and then told her mother about it some months later.

The appeals court ruling said that the aunt's testimony went beyond the proper limits of corroboration.

Weather

Blustery May

A slow-moving upper low pressure system will drop from the Hudson Bay area southeastward and move through New England on Friday. With some Atlantic moisture rotating around and a cyclonic flow in all levels, get ready for partly cloudy conditions, brisk winds and the risk of a brief afternoon shower each day. As this system is expected to become nearly stationary over the Canadian Maritimes, we can expect little change in this weather pattern for the next few days. Sunnier and warmer weather will be well to our west and south, while the chilly and wet regime will persist to our north and east.

Friday: Considerable cloudiness with some sunny breaks. Windy, northwest breeze 15-30 mph (24-48 kph). Chance of an afternoon/early evening shower or sprinkle. High around 60° F (16° C).

Friday night: Partly cloudy, breezy and cool with lows in mid 40s (6-9° C).

Saturday: Fair, continued windy from northwest. Highs in low 60s (17-20° C).

Saturday night: Clear and chilly with lows in the 40s (6-9° C).

Sunday: Slightly warmer with a chance of a shower. Highs in the 60s (17-20° C).

Forecast by Marek Zebrowski

Compiled by Brian Rosenberg and Joanna E. Stone

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opinion

Look before you learn

Column by Matthew H. Hersch

You can't trust political columnists — not yesterday, not now, not ever. If I had an exam percentage point for every columnist who has been using the gulf war to flip-flop and re-write political paradigms, I would still be in 6.001.

Not that I believe re-thinking one's views, especially given new evidence, is improper — but relying only on limited empirical evidence to determine courses of action is dangerous. Particularly in war, the US government has plotted strategy on the success or failure of the previous conflict. Pedantic pens, in turn, have based their policy criticisms on the same past standards.

The United States went into Korea, fighting North Korean and Chinese communism with the mindset of World War II Allied crusaders fighting Axis powers in large-scale aggression. In Korea, however, parity between North and South, not unconditional victory, proved to be the desired goal. When the United States went into Vietnam, it expected a three-year, Korea-like war, with UN backing and equilibrium between North and South Vietnam the ultimate war aim. It didn't get it.

In Grenada and Panama, US defense planners, molded by failures in Vietnam, went paranoid. Forget three-year commitments. Forget UN backing. If you're going to sack an aggressor state, storm it everywhere at once, and achieve objectives using numerical superiority and technology, not time. Find a tough enemy army unit? Don't fight it — blow up their barracks. Keep the press out, topple the government, and pull your troops back home before they're missed.

The gulf war was built on what we learned in Panama. Rapid, high-tech, large scale operations work well, everyone thought, much better than sneaky guerrilla warfare aimed at containment and control.

In Panama, however, President Bush acted without UN approval and took flak for it. US forces also unplugged Manuel Noriega, wasted most of Noriega's police, and found themselves occupying a country without law and order. Lacking sufficient military police, post-liberation Panama was sucked into chaos by a power vacuum that has yet to be adequately filled.

Planning Operation Desert Storm, these two glitches of the Panama invasion weighed heavily on the planners' minds. In their eyes, an international coalition would be the best war-making body, and when sacking an opposing state, it would be best to allow a small number of enemy troops to remain to prevent chaos. The coalition proved almost more logistical trouble than it was worth, and the desire to prevent post-war chaos has allowed Iraqi Republican Guard units to chew up Kurds.

Over the past 40 years, the United States has continuously used past experience to plan future operations. However, legally tenuous wars of containment against ethnically homogenous populations like North Korea are in no way like wars of survival against leaders who are despised as much at home as they are abroad. Equally, wars over flat desert terrain must be air-based — jungle operations require small-unit ground operations. In our desire to win and correct every failure, we must not draw parallels where none can be drawn.

Columnists are guilty of the same vice. In the

Matthew H. Hersch, a freshman, is associate opinion editor of The Tech.

first days of Desert Storm, columnists' Vietnam analogies pervaded the media. They were wrong: Fighting in the desert is nothing like rice-paddy warfare, and Iraq's internal troubles stem not from economic struggles, but from repression of the Kurds, a distinct group demanding self-determination for a wide range of cultural reasons.

Later analogies drew Iraq as the China that Truman feared to invade in the Korean war after his containment objectives had been achieved. Close — but not close enough. Saddam Hussein is no Mao, and the US public has consistently overestimated the military strength of Saddam Hussein. Crushing Saddam's machine would have been a simple matter at the time the ground war was halted.

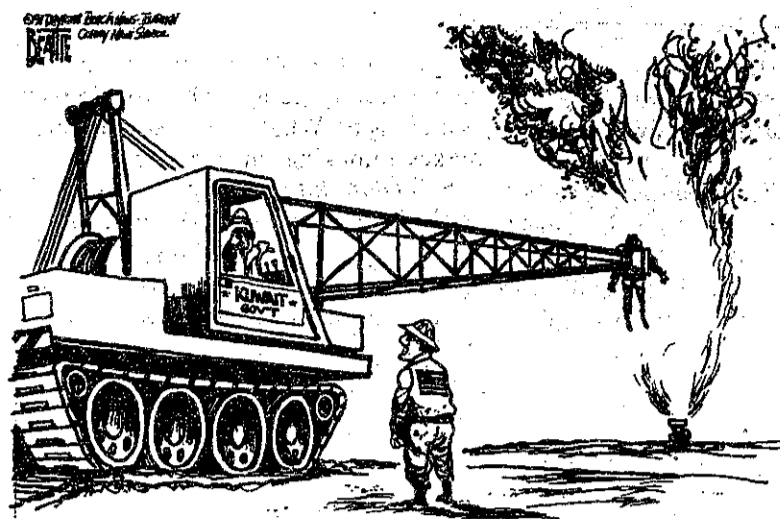
Other comparisons call post-war Iraq a Lebanon of the oil fields, or a Balkanized, strife-ridden twin of Southeastern Europe. These parallels, as well, are inaccurate. Small, free independent states in a post-war Mideast will not necessarily clash, especially while a superpower like the United States exists to prevent aggression.

In short, when looking towards future defense needs, US policy makers, and anyone who hopes to influence them, must be willing view each crisis on a case-by-case basis.

Looking at potential trouble spots — Syria, North Korea (again), South America and Iraq (again) — columnists are calling for the same kind of techno-blitz as Desert Storm, and are using Desert Storm as a play book for global defense. Desert Storm, utilizing the new AirLand warfare doctrines, worked, but wait a minute. In Iraq, the United States faced no guerrilla threats, and fought against a body of soldiers who occupied a land too barren to live off of. General Schwarzkopf even indicated that he thought most of the Iraq army didn't even fight. There aren't even any guarantees that AirLand would ever work anywhere else but Iraq, Western Europe, or maybe Korea. In much of the world, tanks can't even travel. If Desert Storm taught us anything, it was that innovation wins wars, not reliance on proven strategies.

While our defense structure should involve some standardized policies or objectives, any doctrines on strategy or specific global relations must favor generalizations over hard-and-fast rules. Specifically, the United States must never totally reject counter-insurgency, air assaults, large-scale ground engagements, and the covert aiding of friendly powers. At the same time our actions must be motivated by a larger sense of duty — to suppress aggressive forces rather than maintain them to prevent chaos, to achieve the self-determination of peoples, freedom of the global transportation and communication, and collective responsibility for international security.

A few of you might recognize these tenets as President Woodrow Wilson's proposal for a peace treaty at the end of World War I. In many ways it is. However, unlike President Wilson, I am not searching for salvation through the United Nations, and I question the effectiveness of joint military actions. I also recognize the need for unquestionable, unconditional victory over aggressors, rather than the "peace without victory" that Wilson advocated. And, one must admit, there are places in the world where foreign meddling is in nobody's interests. And, unlike Wilson, I have no hopes that New World Orders will always work. At some time, we may even have to fall back on old strategies that failed the first time around.



"How about capping wells with leaders of our democratic reform movement?"

The Tech

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opinion

MIT leads the nation in little-known disciplines

Column by Jason Merkoski

As I was paging through last Friday's *Tech*, I noticed a front-page article about engineering at MIT. If my memory serves me, the article mentioned that in an official investigation, MIT was rated number one in all of the country for the strength of many of its engineering fields. The article continued to say that a board of scientists and engineers decided that MIT was the top school for all engineering fields.

I found this exciting. "Wow!" I said to nobody in particular, "Here I am, studying in the mecca for all engineering fields. Breathtaking!" In light of this revelation, I decided to re-evaluate my career options.

After all, *The Tech* mentioned nothing about my previous major, which was physics. So I rummaged through my sock drawer and found my copy of the *MIT Bulletin*. As I thumbed through it, I came to the seemingly deceptive conclusion that MIT offered a great number of majors in many diverse fields of engineering.

At first, the fields sounded relatively simple, like agricultural, mechanical and nuclear engineering. But soon, the fields became more bizarre and esoteric. What follows are excerpts of the descriptions for such engineering majors.

• **Genetic Engineering** — Using the newest techniques in recombinant DNA and monoclonal antibodies, we in the Department of Genetic Engineering are re-defining the limits of science every day.

Learn how to cure genetic diseases through gene manipulation; how to clone your friends from their epithelial cells; and how to devise life forms based on silicon instead of carbon.

Hello, and welcome to the department that can teach you how to manipulate the people who manipulate you.

As a final project, you must be able to create a working *ubermensch*. To find out more about our exciting department, come to one of our seminars: "Deciding which cancer is best for you" or "Designing the better mouse."

• **Quantum Engineering** — Welcome to the kooky world of quantum mechanics! Working on topics like "The collapse of the electron probability packet" may sound dull. However, nobody really understands this stuff anyway, so why not give it a try? (And besides, it attracts the babes like crazy!)

We work on building micro-motors small enough to fit on a fly's bum, and we discuss interesting questions like, "What do you do with all of Schrödinger's dead cats?" For your final project, you will use Heisenberg Quantum-Diffraction techniques to determine the number of angels on the head of a pin.

Jason Merkoski is a freshman who thinks "6.001" rhymes with "brain tumor."

• **Trucking** — You too can learn how to drive a big rig! We here at MIT can teach you the proper positions of the elbow to get a trucker's tan and how to choose your code name for CB correspondence.

Learn the answers to difficult questions, like, "Should you pick up a hitchhiker if he is signaling with someone else's severed thumb?" We will also teach you the proper etiquette for diners, how to... Oh! I am sorry! I must have accidentally looked at the course bulletin for the Montana Institute of Trucking.

• **Bureaucratic Engineering** — Hello, and welcome to the department that can teach you how to manipulate the people who manipulate you. We will teach you how to design in/out baskets which can handle the stresses of accumulated paperwork.

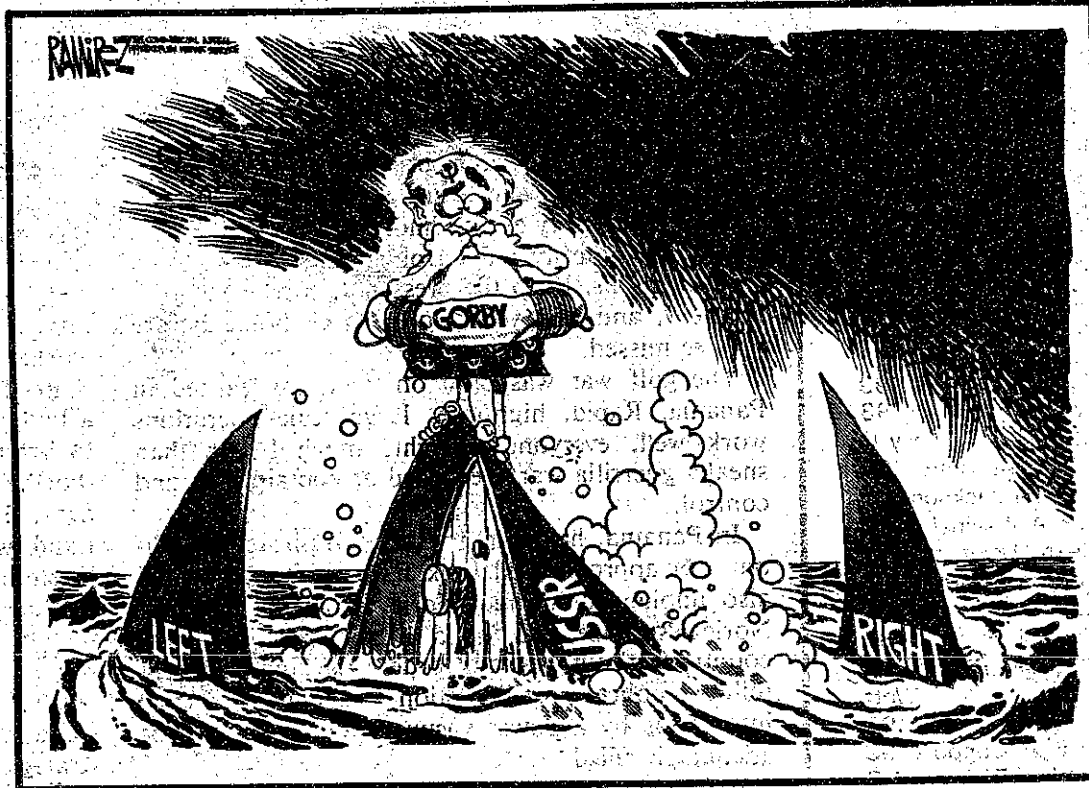
Learn the subtle techniques of office management by exploring topics like,

"Should the office coffee machine be centrally located?" Discover how to delegate responsibility and learn the fine art of pigeonholing.

To meet some of the vibrant people in this department, come to our next seminar, entitled "Friends: What is the minimum you need to do to make them?" For more information, file a report in triplicate and send it to anyone but us.

• **Religious Engineering** — We in this department explore the following maxim: Religion is the opiate of the masses. Discover the fine line between a religion and a cult. Learn how to exploit martyrdom. (Prerequisite: The least painful ways of becoming a martyr.)

Discuss topics such as "Celibacy: Why monks have no fun," and "Are these Hare-Krishna people for real?" and "The effects of Reverend Moon on the flower industry."



Surviving end-of-term by going nocturnal

Column by Christina Boyle

I remember by sophomore year, a friend of mine was half-complaining, half-bragging about "going nocturnal." He explained that he had temporarily ruined his sleep schedule so that he rose at 4 pm and eventually went to bed at 6 am, the next day. I was initially horrified and then wrote it off to the characteristic eccentricity I had found of many at MIT.

But since, I too have come to worry about a thesis deadline and other trivial details related to graduating. I have started experimenting with "going nocturnal" and would like to extol the virtues of quasi-permanent nighttime living.

• **Stress reduction.** Going nocturnal relieves stress because when one awakes, the day is almost over. Messy details like class and appointments all usually take place during business hours and one just simply avoids these daily stress-generating

Christina Boyle is a senior majoring in economics.

activities.

• **Save money.** Phone calls, for instance, fall into evening/night dial rates and these discounts add up to substantial savings.

• **Lose weight.** It is often difficult to find food at peak energy hours like 2 am. One can easily shed pounds by having opportunities to buy food taken away.

• **Peace, quiet and increased productivity.** The poor saps who try to use, for example, workstations during the day and evening lose time they probably do not have by looking for a space, being distracted by others, and suffering from peak loads. Problems associated with crowds apply to a variety of public spaces like Lobdell, Barker Library, even common thoroughfares like the Infinite Corridor. One can walk much quicker through the Infinite Corridor at night without the noisy, boisterous crowds to hamper movement.

• **Feeling of empowerment.** Job inter-

Learn if Cobol is the up-and-coming ecclesiastical language. Discuss Zen-Jehova-Witnessism: What is the sound one hand makes knocking on a door?

• **Stellar Engineering** — In this way-cool department, we discuss the theory and practice of the following topics: The damping force — fact or friction, how to terraform Mars in just 13,000 easy steps, the Shake-n-Bake theory of galactic evolution, Lorentz Transformation as applied to cosmetic surgery, and how to use cosmic strings and galaxy glue to hold the universe together.

Take field trips to the interior of a Schwarzschild Radius. Debate "Why no astrophysicists win Nobel Prizes," and other confounding paradoxes that irate astrophysicists discuss.

And of course, you get to participate in our nationally renowned 8.90 Contest: Using a kit containing little more than rusty erector sets and mounds of balsa wood, construct a working model of the sun capable of sustaining nuclear fusion (and remember — originality counts!).

• **Electrical Engineering and Computer Science** — Learn how to design operating systems, robotic automata, artificial intelligence and... Ah! Forget this. It is stupid of me to think that I could fool you with my lame brand of humor.

Sure, I might have caught you with the Genetic or Quantum Engineering. But there is no way I could get you to believe that such a thing as "Electrical Engineering and Computer Science" exists, or would ever exist.

I mean, really! Who would want to spend the rest of their lives fiddling around with capacitors, and diodes, and other sundry computer things?

Who would want to squint at a computer screen, knowing that instead they could be reading a good book? And learning computer languages! What a silly idea. I have yet to see a translation of *Hamlet* into Fortran.

viewers from particular industries sometimes make a point to ask candidates whether they can handle stress and demanding hours. Stress and demanding hours at a job would have to be cheese-cake compared to the last three weeks at MIT. A nocturnal veteran would be able to scoff at such inquiries.

• And finally, *the antidote.* Pulling all-nighters for more than a week might make it difficult to revert to a normal sleeping schedule in one day. The easy solution, of course, is to grab a friend and start partying around noon or late afternoon. Sometime around late evening, the nocturnal victim will probably fall asleep and sleep peacefully until the morning.

Becoming an official night-owl has been a fun and interesting experience. I urge those who are slipping into the late hour to take the plunge and stay up all night. Many chocolate-covered espresso beans and days later, you too may laud nocturnal living.

LETTERS TO THE EDITOR

Food Salvage Program to broaden effort

MIT Hunger Action Group recently initiated a Food Salvage Program and has established it on campus with the cooperation of ARA Food Service. Details of the program were covered in an article *The Tech* ["Program redistributes ARA food to CASPAR," April 26]. It is our intention here to clarify some points made in that article.

The Food Salvage Program aims to redistribute excess cafeteria food to local shelters and food pantries. CASPAR is not the only shelter to which we intend to donate the food. It was chosen as the first recipient because of its proximity.

It is located at Albany Street,

on MIT property. Also, CASPAR's size is just right for the amount of food we have been picking up from the Faculty Club. Our plan is to expand the program over the next two semesters to pick up food from all campus dining halls.

This summer we will be working at Lobdell in addition to the Faculty Club. As the program expands, we will be working with other shelters in the Cambridge and Boston area.

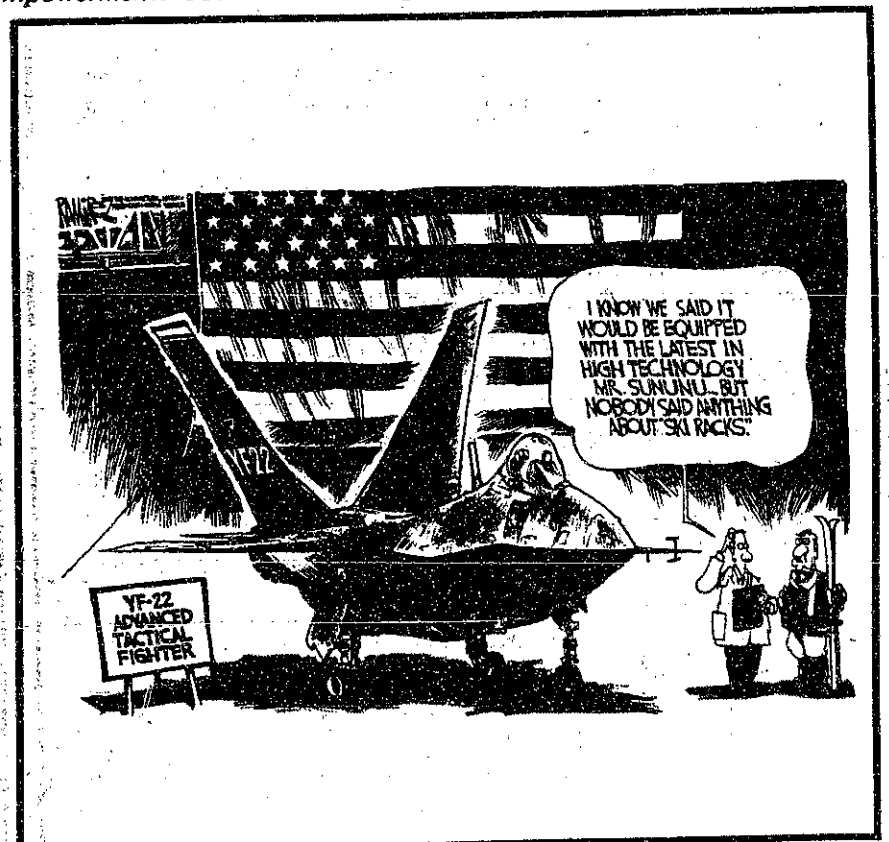
The article also did not make clear the fact that the food is dropped off immediately after it is picked up from ARA. Both Hunger Action Group and ARA are very concerned about the

freshness of the food and take every precaution to maintain its quality.

As is obvious, the Food Salvage Program depends heavily on volunteers from the MIT community. At this point (as will be the case throughout the summer) the program runs with volunteers' cars.

By next year, however, we intend to obtain permanent transportation. With support from the MIT community we hope to make the Food Salvage Program a success.

David Carroll '91
Mursaleena Islam '92
Geetha Krishnan '93
Hunger Action Group



puzzle

Solution on page 9

ACROSS

- 1 Frock
- 6 Grate
- 10 Mohammedan priest
- 14 Burdened
- 19 Alleviating
- 21 Winglike
- 22 Great — (dog)
- 23 Retreat
- 24 Breaking up into parts
- 26 Offspring
- 28 Annoys
- 29 Dutch commune
- 30 Bard
- 32 Order of battle
- 33 Capricorn constellation
- 34 Torrid
- 35 Tear
- 37 Challenge
- 39 Roman bronze
- 40 City on the Oka
- 41 Prohibits
- 42 Walk unsteadily
- 44 Cylindrical
- 46 Furniture style
- 47 Golf scores
- 48 Chair
- 50 Easy jobs
- 52 Portion of tobacco
- 53 Hutton ID
- 55 Soil
- 57 Rob Reiner's dad: inits.
- 58 Goes astray
- 59 Female relative
- 60 Phys.
- 62 Music variety
- 64 Rex or Willis
- 66 Pacino or Hirt
- 68 Peach St.
- 69 Remain
- 70 Spelling contest
- 71 Ventilates
- 73 Come into view
- 75 Hatred
- 77 Average
- 78 — minister
- 80 Sheets of glass
- 81 Pigpen
- 82 Old

- 84 Looking glass
- 86 Iroquoian Indian
- 87 "Rescue 911" star
- 89 Abstract being
- 92 Begin
- 95 Measuring device
- 98 Detest
- 99 Writing pad
- 101 Polar; frigid
- 103 Half: prefix
- 104 Ginger —
- 105 Center
- 106 Reverse: abbr.
- 107 Armstrong ID
- 108 "Duck —"
- 110 Perch
- 111 Fulfill
- 112 Inter
- 113 The sweetsop
- 115 Door sign
- 117 Approach
- 119 Concerning
- 120 Vehicle
- 121 Companions
- 124 Weak food
- 126 Fasting period
- 127 Painful
- 128 Reply
- 130 Helmond sitcom
- 132 Plays on words
- 133 Game played on horseback
- 134 Skill
- 135 Strike
- 137 Miserable failure: slang
- 139 Forerunner of CIA
- 140 Await settlement
- 141 Name
- 143 Evergreen trees
- 145 Consumed
- 146 Cons
- 148 Boats
- 150 Public announcements
- 152 More uncanny
- 153 Watch face
- 154 Disturbance
- 156 Father or mother
- 157 Lees; grounds
- 158 Crippled
- 159 Surfeit
- 160 Defeats

DOWN

- 1 Put off
- 2 Los Angeles footballer
- 3 Ancient Hebrew ascetics
- 4 Bro. relative
- 5 Cut
- 6 Sun god
- 7 High mountain
- 8 Gilbert of "Roseanne"
- 9 Divide proportionally
- 10 Mental images
- 11 Indefinite number
- 12 One, no matter which
- 13 Coroner: abbr.
- 14 For fear that
- 15 Lawyer: abbr.
- 16 Bruce Willis film
- 17 Mistakes
- 18 Birds' homes
- 20 Considerable
- 23 Actual
- 25 Tidy
- 27 Athen's country
- 28 Verse
- 31 Three, to Enrique
- 33 Mardi —
- 36 Act
- 38 Soaper Braeden
- 40 Poems
- 41 Lure
- 43 Den
- 45 Madden
- 46 Out-and-out; confirmed
- 47 Insignificant; petty
- 49 Woody plant
- 51 Solicits earnestly
- 52 Bush's Vice President
- 53 Snare
- 54 Filament
- 56 Ephemeral; transitory
- 59 Observant care
- 60 Repast
- 61 Negate
- 63 Church dignitary
- 65 Loved one

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- 67 French plural
- 69 Yes: Sp.
- 70 Chastises
- 72 Strike
- 74 Hosp. asst.
- 76 "— One and Only"
- 77 Ancient Persians
- 79 Sea eagle
- 83 Obscure
- 85 Sharp reply
- 86 Morsels
- 87 Food fish
- 88 Circle of light
- 89 Spanish article
- 90 Irritate
- 91 — throat
- 92 Sodium chloride
- 93 Characteristics
- 94 Carney ID
- 96 Arabian commander
- 97 Ceremony
- 100 Exist
- 102 Hints
- 105 Rudely concise
- 109 Cronies: colloq.
- 112 Forbids
- 113 Danish island
- 114 Jean of "Designing Women," et al.
- 116 "Broadcast —"
- 118 Top of house
- 120 Criticize adversely
- 121 Ship's cargo compartment
- 122 Deer's horns
- 123 Of the same material
- 125 Pretentious homes
- 126 Sheen
- 127 Beau and Jeff, to Lloyd
- 129 Shower
- 131 Puissant; mighty
- 132 Sat for portrait
- 133 Nobleman
- 134 Passageway
- 136 Support
- 138 Nuisances
- 140 Baker's products
- 141 Athletic group
- 142 Lamb's pen name
- 144 Pierce
- 147 Excavate
- 148 By way of
- 149 Drunkard
- 151 Anger
- 153 TV late night host: inits.
- 155 Tellurium symbol

The Tech — Your crossword connection

We Are Pleased To Announce That The Following Candidates Have Been Elected As Student Directors For The Harvard Cooperative Society For The Year 1991-1992.

Julie B. Cohen
Harvard Law/Harvard Business School '94

Laurie S. Dean
M.I.T. Graduate School '92

Rose Marie C. Fanson
Harvard Divinity School '93

Gordon M. Fauth, Jr.
Harvard '93

Aileen W. Lee
M.I.T. '92

Pieter M. Pil
M.I.T. Graduate School '93

Gina Raimondo
Harvard '93

Steven Y. Schondorf
M.I.T. Graduate School '92

Mary T. Teichert
Harvard/Radcliffe '93

Daniel Tenenbaum
Harvard Business School '92

Jake Wesner
Harvard Law/Harvard Business School '92



Wilson's bill said to benefit environment

(Continued from page 1)

guards. Wilson said other social costs of driving that are not paid by motorists include deaths and injuries resulting from automotive accidents, as well as the environmental damage caused by emission of greenhouse gases and ozone-depleting substances.

Wilson, Casey optimistic about legislation

Casey believes that these bills have a lot of potential because of their environmentally beneficial impact.

"They are both fascinating bills," said Casey. "[Wilson's] ideas are very controversial. He really put his neck on the line. I thought [the House Committee on Taxation] would deny the bill right away, to tell the truth," he continued.

The committee was impressed by both of Wilson's bills, according to Jessica Leitz, Casey's legislative aide.

"These two bills were of particular interest to the [taxation] committee," Leitz said. "They were really innovative. They don't get fresh new ideas like this often," she added.

Wilson is optimistic that his two bills may influence state representatives, even if it takes "12 or 13 years," as some of his other legislative efforts have.

Wilson has proposed many bills to provide economic incentives for socially beneficial behavior over the past 20 years while serving on numerous committees, panels and commissions both here and in Washington, DC.

As a cyclist, Wilson claims to have been "left for dead twice by motorists, lassoed from the back of a convertible, had bottles thrown at me, and had plenty of people try to kill me." However, on the relatively rare occasions when he drives, he said, "I love it."



Rebecca D. Kaplan '92 (left), David P. Carroll '91, Steven D. Penn G and David G. Steei G receive Karl Taylor Compton Prizes at the Awards Convocation ceremony Wednesday for their contributions in promoting high standards of achievement and good citizenship.

Vest to stay home for Steer Roast

(Continued from page 1)

sion of a Senior House graduate resident tutor, Andrew W. Howitt, after Howitt was convicted of possession of a controlled substance with intent to distribute in December.

Joan E. Kussmaul '92, a Senior House vice president, said, "We're going to be careful about serving people over 21. We don't want to break any current alcohol rules."

Campagna also said that Senior House would make all efforts to ensure guests' safety. She said that access to dangerous lo-

cations will be limited and that guests will only be allowed to use first-floor bathrooms.

Kussmaul said that "the veeps [vice presidents] will be patrolling the whole area [to make sure] that people who shouldn't be on the balconies aren't, and that people who have had enough [to drink] stop being served."

Kussmaul said that Campus Police officers will be present at both the Friday party for alumni and residents of Senior House, and at the open party on Saturday.

According to Kussmaul, there will be a dinner Saturday afternoon, to which the entire MIT community is invited. Numerous professors will attend, and a bluegrass band is scheduled to play, she said. The following evening, four bands — Sam Black Church, Dead Man's Booty,

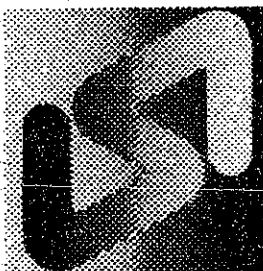
Hordes Mungo and Facts About Rats — will be playing.

Hogg said that "basically, Steer Roast is going to be the great party it has always been."

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GSC elects officers on second try

(Continued from page 1)

will continue to function in a decentralized fashion, while giving full freedom to the various committees," Ciacci said.

As GSC vice president, Quinn will be responsible for the nominations of graduate students to Institute committees. Quinn, a second year mechanical engineering student, promised to ensure that "the graduate students in the committees are answerable to the council and function as effective intermediaries between the graduate students and the Institute."

The GSC tried to hold elections for its officers April 16, but no candidates stood for any of the offices.

(Editor's note: Dave Watt contributed to the reporting of this story.)

'PERSPECTIVES ON ISRAEL AND HER NEIGHBORS -- PAST & PRESENT'

WITH
 Aryeh Cohen
 Richard Fraiman
 Alon Peled
 Rabbi Dan Shevitz, moderator

Sunday, May 5, 1991
 4:00 p.m.
 M.I.T. Student Center, Mezzanine Lounge
 84 Massachusetts Ave, Cambridge

Sponsored by M.I.T. HILLEL, 312 Memorial Drive, Cambridge, #253-2982
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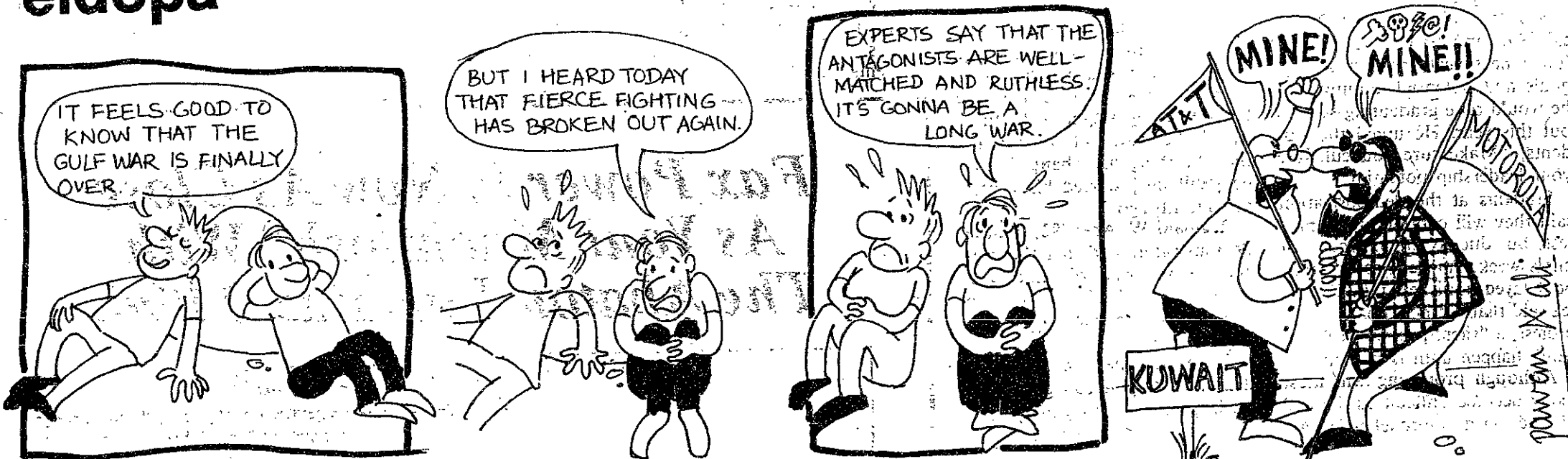
comics

pawan sinha

tumbleweed-garden



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Buon Appetito!
Sample Delicious Crostini Prepared & Served By Chefs From Davio's Restaurant.
Wed. May 8, Noon to 1 PM
The Courtyard of The MIT Coop at Kendall
See how to make these delicious Italian treats, pick up the recipe, then sample your favorite kind: seafood, charred tomato or shiitake mushroom and great cheese. Visit Davio's newest restaurant in Cambridge, featuring The Patio, with its dazzling view of the Charles River and the Boston skyline. You can also dine at Davio's on Newbury Street or Brookline Village.



Ole!
FREE Crostini!
The Marjebi Guadalupe Band
May 8, Noon to 1 PM
In The Courtyard of The MIT Coop at Kendall.
The Marjebi Guadalupe Band performs through the courtesy of The Cambridge Multicultural Arts Center.

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Matthew H. Hersch/The Tech

Professor James H. Williams '67 talks to students Wednesday during a demonstration against MIT minority education practices in front of President Charles M. Vest's office.

Protests to continue this fall

(Continued from page 1)

students. He said that at last week's protest he "saw in many of your faces [the] beginning of a sense of empowerment. That's what this protest is about."

Williams also said he would take each minority student out to lunch next year to discuss their goals and potential, adding that he would take graduating seniors out this year. He urged the students, "Make sure you cultivate your leadership potential."

Students at the demonstration said they will continue their protest, but due to the approach of finals week, further protests may be delayed until next fall. Gonzalez said that the next phase of the protest, a "silent protest, probably won't happen until next term."

Although protesting will most likely become difficult as the end of the term approaches, Jones

said, "I don't think it's going to end with the 1990-91 school year."

Williams has also said that his protest will soon enter a second phase, but would not elaborate on its form.

Jones felt that the demonstrations have raised awareness of the issues students are protesting. "People are aware that there are legitimate gripes against the Institute," she said. But Jones noted that "nothing has changed since he [Williams] started his protest one month ago."

Reginald W. Abel '92, another demonstrator, said that the presence of minority role models on campus is crucial for current students and for attracting prospective students; this is one goal of Williams and the student demonstrators. "If you can get a network going — and you're more likely to get one going with a mi-

nority [faculty member] — it just helps so much," Abel said.

He felt that the lack of minority role models hurts MIT's chances for attracting strong minority graduate students. "That's really thrown off a lot of students from being graduate students here."

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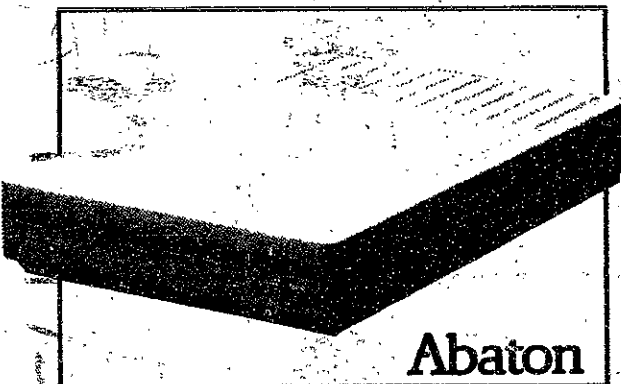
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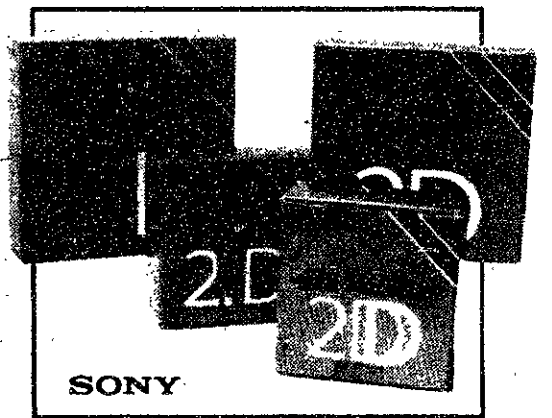
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Puzzle on page 6

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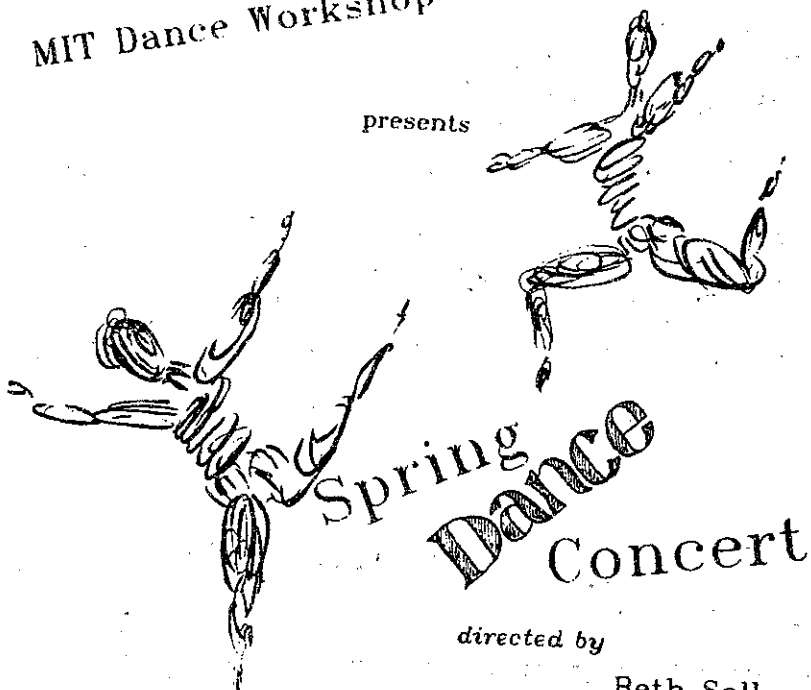
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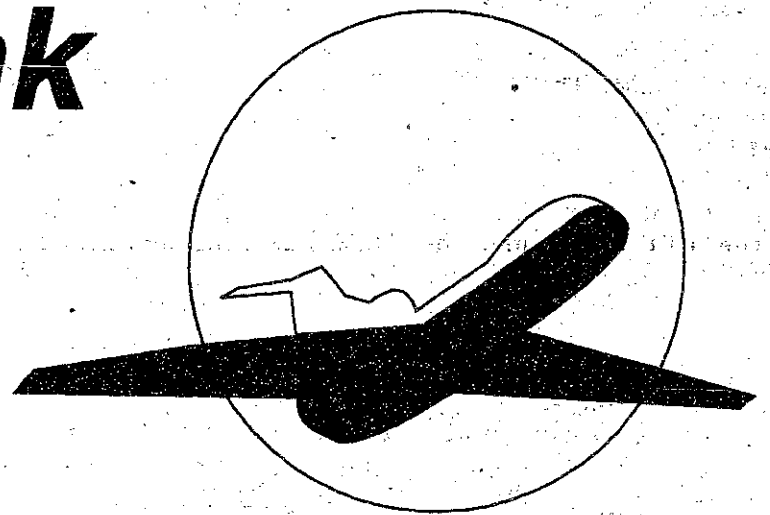
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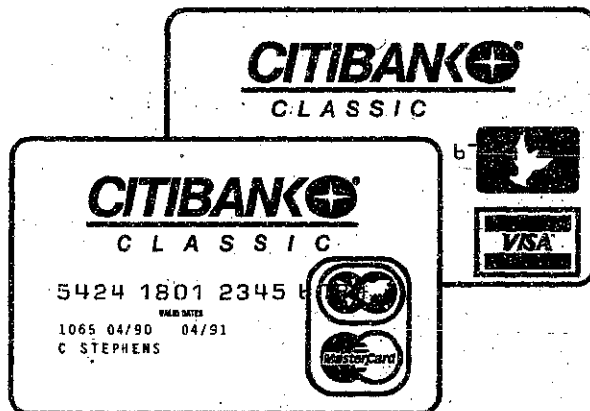


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Former Institute President Howard W. Johnson presents the first Johnson Award to Mark W. Dunzo '91.

Athletic department presents awards for sports, academics

(Continued from page 12)
gymnastics five times, despite a chronic back injury. Arel won first floor exercise honors in 1991, and earned All-American status her freshman year in bars, beam and vault.

The scholar-athlete award, the Malcolm Kispert Award, was presented to Fiona Tan '91 and Darcy Prather '91. Tan earned a 4.3 GPA in computer science and played singles for the women's tennis team, ranking as high as 27 in Division III. She won All-

American honors in 1990 and 1991 and is a member of the Singapore Junior Federation Cup team.

A first-team Academic All-American in football, Prather holds every Institute tackling record and will graduate with a 4.6 GPA and degrees in electrical engineering and science, technology, and society. In addition to garnering a Rhodes Scholarship, Prather won a National Football Foundation and Hall of Fame scholar-athlete award.

Eight riders will go to nationals

(Continued from page 12)
quarter of a mile. The A team, Armstrong, Kevin Hetherington '94, Morrell, Moyer and Preisig, edged by Penn State, winning by 12 seconds. The team, which also won the TTT at Cornell the weekend before, beat defending champion UMass by over a minute.

The men's B time trial was as disappointing as the A race was exciting. Lew, Oppenheimer, Pawlowicz, Stek and Adam Schwartz '91 lost to the Yale team by a heartbreaking .6 seconds. The loss was all the more painful because a car was parked at the finish line as the team finished. The cyclists were forced to slow because of the car — the difference in the race according to the team.

The C squad, Chris Ekstrom G, Craig Lewis, Parsons, Jack Prior G, Tom and Leon Wong '93, struggled in the race, finishing 14th overall.

Sunday afternoon brought the

criteriums, run on a .7-mile loop with a short hill and a torturous 35-mph descent, and what may have been the finest performance of the weekend by an MIT rider. With the help of some stalling by Lew, Pawlowicz won the race on a solo break away.

Pawlowicz attacked on the first lap of the race and had gained a 15-second lead two laps into the race. When the field began its chase, Lew charged to the front, slowing the pace. About halfway through the race a serious crash brought things to a halt for 20 minutes. While injured riders were taken by ambulance for treatment, racing stopped.

When the course was clear Pawlowicz was given a 30-second head start, but the field was reorganized and ready to chase. But Pawlowicz kept his earlier pace and cruised across the finish line 40 seconds ahead of the pack.

In the women's criterium, Carlson rode with a chase group that failed to catch Mary Mull of Wil-

liams. Carlson outsprinted three other riders and earned third place.

A hard pace was set early on in the men's A criterium. Five riders, including Moyer and Preisig, rode hard over the first five laps and shattered a field of 80 riders. Several more riders joined the group, and the nine-person break was gone for good. Moyer and Preisig lost out in the sprint among the leaders, finishing fifth and eighth. Morrell finished the race with an unsuccessful chase group, in 24th position. Armstrong, a favorite after his performance in the road race, suffered mechanical problems and did not finish.

In the C race, Andy Parsons was riding in excellent position, but fell victim to a mechanical on the hill in the last lap and finished 13th. Teammate Alfred Tom was another of the hill victims who lost his chain on the climb and was not able to recover.

Better batting boosts offense

(Continued from page 12)
baseball in the 1940s) has been in on a dozen or so double plays while posting a .290 average that includes six doubles.

Dan Sabanosh '94, another member of a very promising freshman class paying immediate dividends, and Somerville are carrying more than their share of the offensive load from their spots on the left side of the infield.

Only three games remain after this weekend as the Beavers try to pass the 500 mark; it won't be easy. A home game next Tuesday versus University of Massachusetts-Boston is followed by away games at Division I Harvard and Northeastern, the latter of which is enjoying an outstanding year and may be on its way to the NCAA tournament in late May.

First, however, the Beavers hope to establish themselves as the inaugural champions of the CAC (a win yesterday over Babson would do it). The Constitution conference was put together this year with the aim of joining six schools with the desire of fielding high-quality baseball teams and placing a premium on academics.

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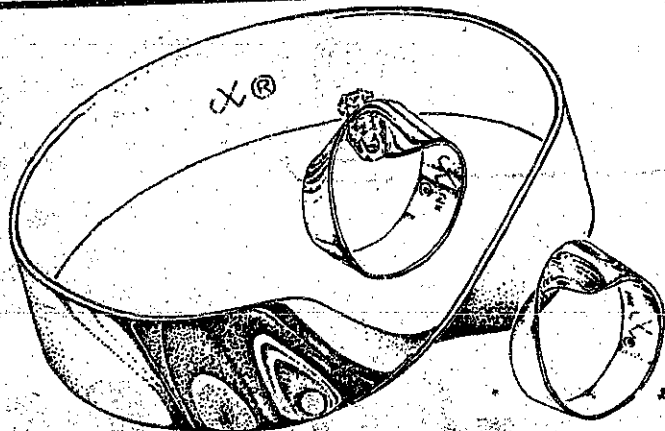
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sports

Five firsts fire cyclists victory

By Jeremy Hylton

The cycling club entered last weekend's eastern championship hoping to finish in the top five and earn a spot at the national championship in Spokane, WA. The team hardly expected to finish first in a field that included perennial powerhouses Pennsylvania State University and the University of New Hampshire, as well as the defending champion, University of Massachusetts at Amherst.

MIT cyclists earned five first place finishes in 16 races at the Division I Eastern Collegiate Cycling Federation (ECCF) Championships. With the help of eleven other top 20 finishes, the Engineers

scored 1264 points, edging out Penn State at 1209. Other top finishers were UMass, 1013; New Hampshire, 838; Yale, 779; Williams College, 760; and Harvard, 589.

As a result of the first-place finish, MIT will send five men and three women to the national cycling championship in Spokane on May 17-18. The team "will be up against some very tough competition from the West Coast schools, who started racing the first week in February," said John Morrell G, team co-captain.

Team co-captain Tom Moyer G set the pace for the two-day event on Saturday morning when he won the men's division A road race by outsprinting pre-race favorites, Derek Bouchard-Hall of Princeton and Chuck Bednarczyk of Penn State in an elbow-to-elbow 40-mph sprint. In the second half of the A road race, a power-

ful lead-out by Jim Preisig G enabled Joe Armstrong G to capture third place.

The road race was held on a fast 7-mile loop with one small hill. The division A race completed the circuit eight times. The size of the fields for the races prompted race promoters to run two races for most of the categories.

Women's phenomenon Kjirste Carlson G sprinted to fifth place in the women's road race, escaping from three crashes in the first 20 miles. Alfred Tom '91 astounded the field by charging through the sandy shoulder to win the C division race by two lengths. Andy Parsons

'91 placed seventh in the second C road race.

Albert Lew '91 and Charlie Oppenheimer G narrowly escaped injury in the last 500 meters of the division B race, when a crash took down almost half the field, hospitalizing four. Throughout that race Rich Pawlowicz G had attacked three times, once with teammate Paul Stek G, only to be chased down by an aggressive field that allowed no break aways.

On Sunday morning the Engineers' dominance of the event became clear. MIT placed first in the men's A and women's team time trials, the B team placed second, and the C team finished 14th.

The women's team, Carlson, Elizabeth Bradley G and Dava Newman G, beat the Penn State team by 25 seconds, nearly a

(Please turn to page 11)



Rich Pawlowicz G coasts to victory.



Rich Pawlowicz G rides alone at the head of the men's division B criterium at ECCF championships last Sunday (upper left). Kjirste Carlson G stands behind the pace car before the start of the women's criterium (right). Andy Parsons '91 rides a length ahead of the field of the C division criterium.



Baseball rebounds from slow start

By Deep Katdare

After a listless offense led to a 4-10 start, the MIT baseball team rebounded with five victories in six games to post a 9-11 mark going into this week's four consecutive games.

The Beavers hosted Curry College and Babson College Wednesday and Thursday before taking on Clark University today at home and visiting nationally third-ranked Division III power Brandeis University tomorrow.

The weekend of April 19-21 at Briggs Field was the Beavers' turning point. That weekend, in the inaugural Constitution Athletic Conference championship tournament, the Beavers twice overcame two-run deficits in the final inning to defeat Norwich College and Worcester Polytechnic Institute, 4-3 and 5-4, respectively, putting the squad in position to become the conference's first champions by defeating Babson yesterday. (The championship was postponed due to rainy weather on the tournament weekend.)

Norwich fell victim to MIT's resiliency as well as their own inadequacy on the CAC tourney's first day.

The third and winning run in the Beaver's decisive rally came on a full count, two-out, bases-loaded walk to senior Scott Toussaint, following a big double by

Brooks Mendell '93 that tied the score.

The next day MIT earned all it got. A trio of doubles by John Mueller '94, Toussaint and Scott Williams '91 led to senior Henry Dotterer's game-winning hit, capping another victorious three-run rally in their final time at bat.

Coach Fran O'Brien's troops didn't let up when they hosted Wentworth Institute the following Wednesday and won 6-3. Following a familiar pattern and falling behind early, 2-0 in the first, the Beavers came back behind a stellar eight innings from Mendell. The win gave MIT a 2-0 season sweep of Wentworth.

Gordon College topped MIT 4-3 last Friday, but the Beaver nine came back strong the following afternoon, sweeping WPI, 7-1, 6-2, to take all three games played against WPI this year.

The first game was an easy one for MIT thanks to some great work on the mound from Peter Hinteregger '93. WPI's lone run off Hinteregger (4-1) scored on a pop fly that managed to find the turf behind second.

Third baseman Ian Somerville '93 collected five hits on the day, including a pair of two-RBI singles in game two, enough for starter Eric Hopkins '92, having an excellent season, to glide to victory.

The low scores posted by op-

ponents last week are typical of this year's pitching staff. Most contests thus far have been one, two, or three-run affairs. Indeed Hopkins, Hinteregger, Mendell and Charlie Freeman '91 constitute a very solid starting group.

The Beavers are hoping to finish strong now with new life appearing in their bats. Certainly a winning season is within reach. (This is always a laudable goal for the Beaver baseball team, which takes on a number of very strong, big and often scholarship-laden programs.)

A big step in this direction was taken when clean-up hitter Williams came back from early-April back problems. The senior co-captain has consistently provided needed power (.532 slugging percentage entering this week's play) and run production (15 RBI) for the Beaver's oft-anemic offense.

Another consistent producer has been centerfielder Toussaint, a defensive mainstay coming through at the plate as well with a team-leading .333 batting average. With six stolen bases and several infield hits, the senior provides sorely needed speed on the base paths.

Also doing the job both at the plate and in the field is second-baseman/leadoff hitter Mueller. The talented freshman (whose grandfather played major league

(Please turn to page 11)

Upcoming Home Events

Saturday, May 4

11:30 Women's Sailing Invitational
1:15 Golf vs. Harvard

Seven lauded for athletics

By Jeremy Hylton

The athletic department honored seven students for athletic excellence at the Awards Convocation on Wednesday. Royce Flip-pin, director of athletics, made the presentations.

Mark Dunzo '91, a seven-time All-American in indoor and outdoor track, received the Howard W. Johnson Award, formerly the Class of 1948 Award, presented to the senior male athlete of the year. In his four years with the track teams, Dunzo broke five Institute records and set the NCAA Division III indoor 400-meters record.

Both Theresa Fuentes '91 and Stephanie Ragucci '91 were awarded the Pewter Bowl, for inspiration and leadership in women's sports. Fuentes ran for both the cross country team and women's track team, which she was instrumental in developing. President of the varsity club, she was a two-time New England Wom-

en's 8 All-Conference selection.

Ragucci captained both the softball and basketball teams this year, while serving as a varsity club officer. She was an all-NEW8 selection in softball, and hit .538 in the conference. She also worked with the women's soccer and volleyball teams.

The Admiral Edward L. Cochran Award went to basketball forward David Tomlinson '91, for demonstrating the qualities of humility, leadership and inspiration in intercollegiate athletics. Tomlinson's basketball honors included being named Constitution conference player of the year and first team All-American. He was ranked nationally in scoring and rebounding in Division III play this season.

The Betsy Schumacker Award, given to a female undergraduate for excellence in athletics, was given to Lisa Arel '92. Arel received All-American honors in

(Please turn to page 11)