



MIT first lady Rebecca Vest instructs Mital Dhar '99 and MaryLou Villanueva on proper table manners at Charm School in Lobby 10 yesterday.

Students Discover Charm and Grace

By Shang-Lin Chuang and Christina Chu
STAFF REPORTERS

A group of students drifted down the Infinite Corridor yesterday, some walking in a seductive "slither," some in a relaxed "saunter," and some in a bubbly "flounce." These creative walkers were taking part in a class aimed at teaching walking, offered at the Institute's fourth annual Charm School.

Charm School was founded by Dean for Undergraduate Academic Affairs Travis R. Merritt. The self-proclaimed "Dean of Charm" founded the school because he was tired of hearing the generalization that MIT people can't function socially. Charm School has always been held during the Independent

Activities Period.

Charm School is meant to be a lot of fun. For some, it is more jovial than serious, said Christian M. Klein G, who taught a class about clothing statement. Everyone should come out and do it at least once while they are here at the Institute, preferably every year, she said.

The four hours of classes and seminars in the afternoon concluded with an evening commencement ceremony and the presentation of diplomas. Speaker and writer Dan Zevin gave the commencement address.

Embarrassing questions answered
Charm School is "great because

Charm, Page 15

New IFC Officers Emphasize Unity

By Joanna Garellick

Many of the new officers in the Interfraternity Council and Panhellenic Association are returning, experienced members.

New officers, who were chosen for both bodies in elections last December, took office this month.

Jason D. Pride '97 and Laura L. DePaoli '97 will head IFC and Panhel as presidents after serving previously in top leadership posts in the organizations.

"This year, IFC hopes to educate the Greek and MIT community to a point where discriminatory actions do not occur," Pride said, referring to a history and perception of problems involving members of the Greek community.

DePaoli wants to bring together the groups within Panhel, and to also integrate them with other groups around campus.

The IFC represents all fraternities, sororities, and independent living groups. Panhel specifically represents MIT's five sororities, including two residential sororities.

Inclusiveness a goal

DePaoli and Pride want to publicize that certain IFC and Panhel events like the Greek Week Ball are "meant for all, not just Greeks," she said.

Pride said he realized it would be impossible to force groups who dislike each other to come together in uncomfortable situations. However, groups will be encouraged to hold events like mixers, parties, and even formals together, he said.

Also, community service will be emphasized more than it has been in the past. It is DePaoli's hope that the sororities will participate in both community service and social activities together.

The IFC will again hold their pledge retreat, conduct Greek Week, and carry out the Pledge Minimum Standards Program, which requires pledges to have open discussions about diversity, sexual harassment, drugs, and alcohol.

DePaoli is also working to make next fall's rush extremely successful, hoping that "all women who go through rush have a positive feeling about Panhel."

IFC vice president post split

Iddo Gilon '98 and Jorge F. Rodriguez '98 will serve as co-vice presidents of the IFC after sharing the public relations chair last year.

IFC, Page 17

MIT Research Support Assured With Continued Federal Funding

By Orli G. Bahcall
ASSOCIATE NEWS EDITOR

The federal agencies and programs that support MIT research received continued funding Friday as Congress and President Clinton averted a third government shutdown and signed a continuing resolution to fund the agencies without appropriations until March 15.

Institute researchers have been awaiting progress on the funding question in relation to several agencies, including the National Science Foundation, NASA, and the Environmental Protection Agency.

"The research programs that NSF funds are of critical national importance," said Director of the Office of Sponsored Programs Julie T. Norris. "NSF is one of the agencies whose mission is to support basic research in universities."

NSF and NASA each contribute close to \$40 million annually in research support to MIT.

However, these agencies are still without a fiscal year 1996 budget and are "subject to the budget process. This means they could suffer interruptions of funding" at any time, said Director of the MIT Washington Office John C. Crowley.

Researchers who have grants from agencies not covered in the continuing resolution can continue to spend money, since there is a three-month leeway granted on awarding of these research funds Norris said.

MIT assumes risk for delay

The Institute assumes the risk for research funds that are delayed by federal budget wrangling or do not come through. "We can absorb the impact [of the delayed funding] better than smaller schools," Norris said.

"I have talked to some [smaller schools] in the past couple of

weeks, and they are more worried," Norris said. They have to consider laying off students since they "literally do not have the cash" to take the risk of pre-funding. MIT's position, she said, is that "we will not lay off anyone for this [reason]."

"We support people. Of course, if we do not get the payments, we will have a real problem, but every big institution is doing the same thing," Norris said. "Now we are just running the risk more than usual."

The Office of Sponsored Programs is dealing with this situation "by pre-funding those projects we know have a good chance" of being funded, she said. "We have a good track record on getting money."

Fewer guarantees are asked from the federal agencies simply because during the recent shutdowns, there was no one to contact, Norris said.

Shutdown, Page 17



Competition was fierce in the Musician Look-alike Contest, part of yesterday's Charm School activities.

INSIDE

- MIT has large biotech influence. Page 10
- Seminar focuses on fighting sexism. Page 10
- Richard III a modern masterpiece. Page 6

Last Issue

This is the last Independent Activities Period issue of *The Tech*. Regular Tuesday-Friday publication will resume with next Tuesday's issue. The issue, the first of volume 116, will include the 11th annual Year in Review supplement.

WORLD & NATION

Whitewater Bank Involved in Scam

THE WASHINGTON POST

WASHINGTON

A federal bank examiner told the Senate Whitewater committee Tuesday that the Arkansas savings and loan at the center of the scandal was heavily involved in fraudulent real estate deals that amounted to a "pyramid scheme."

James Clark, whose 1986 examination led to a federal takeover of Madison Guaranty Savings & Loan, described "sham" dealings that he said enriched Madison executives, focusing on the 1,050-acre Castle Grande real estate project south of Little Rock, which cost taxpayers close to \$4 million.

The committee and other investigators, including independent counsel Kenneth W. Starr, are looking into what role the Rose Law Firm and then-partner Hillary Rodham Clinton may have had in Castle Grande transactions. Newly discovered records, including legal bills found at the White House early this month, show that Hillary Clinton did some work on the project. She has said she has little recollection of her work.

The Federal Deposit Insurance Corp. said Monday that it has obtained an extension of the statute of limitations until March 1 for bringing civil claims against the Rose firm.

Memo May Threaten Israeli Spy

LOS ANGELES TIMES

JERUSALEM

Publication of a Pentagon memo warning that Israel may be using American Jews to spy on military contractors comes at a bad time for the Israeli government's quiet efforts to win the release of Jonathan Jay Pollard, an American Jew who spied for Israel.

The internal memo, asserting that Israel was trying to steal U.S. military and industrial secrets by exploiting "strong ethnic ties" in the United States, raises anew the specter of American Jews with a dual loyalty. And it has prompted some Israelis to suggest the leak may have been a move to stymie efforts to get Pollard a presidential pardon — even though the memo was publicized by the Anti-Defamation League (ADL) of B'nai B'rith, a prominent Jewish organization.

The ADL said in a letter to Defense Secretary William J. Perry that the Pentagon directive "impugns American Jews and borders on anti-Semitism."

American Jewish leaders also said the memo reflects the mood in the U.S. intelligence community since Pollard's spying for Israel was discovered 10 years ago.

Many Israelis feel their government has allowed Pollard to languish in U.S. prisons rather than fight with the United States over his release. Last year, a sympathetic play called "Pollard" drew huge crowds in Tel Aviv and helped supporters collect tens of thousands of signatures on a petition calling for presidential clemency.

Democrats Take the Offensive In Budget Battle

THE WASHINGTON POST

WASHINGTON

Less than six months ago, Democratic congressional leaders could not get the time of day from Republicans. But a series of GOP missteps, including decisions to provoke two partial government shut-downs and threatening to force a default by the Treasury, has emboldened Democrats to be more aggressive in their dealings with the majority party.

Senate Democrats last Friday forced Republicans to vote on the START 2 nuclear-arms-reduction treaty with Russia, which some GOP senators wanted to delay, as the price for prompt action on the GOP-drafted defense-authorization bill. After some delays, both measures were approved.

Tuesday, House and Senate Democratic leaders raised strong objections to Speaker Newt Gingrich's plan for a "downpayment" on deficit reduction and tax relief, saying Congress and the White House should continue to work toward a seven-year balanced-budget plan that includes smaller Medicare and Medicaid savings and a smaller, more-targeted tax cut than Republicans are advocating.

Senate Minority Leader Thomas A. Daschle, D-S.D., and House Minority Leader Richard A. Gephardt, D-Mo., also vowed to try to frustrate GOP plans to recess for much of February, saying Congress should remain in session to deal with the debt-ceiling crisis and other pressing issues. "We want to keep the heat on," Daschle said.

WEATHER Back to Cool...

By Michael C. Morgan
STAFF METEOROLOGIST

The relatively mild weather of the past few days will be history as cold air slowly sinks southward over the area. A developing cyclone will track to the northeast from the Delaware coast this morning. The cyclone will be just to the southeast of Cape Cod by early afternoon, and well to the east of New England by sunset. With the cold air in place, and abundant moisture, this relatively fast moving cyclone will drop 2-5 inches (5-13 cm) of snow across the area. Locations to the southeast of Boston could see 6 inch (15 cm) totals. Following the passage of this cyclone, breezy cold conditions will follow. A period of unsettled weather is anticipated Friday into Saturday.

Today: Snow, heaviest around noon. Winds north-northeast 10-15 mph (16-24 kph) becoming north-northwest during the afternoon. High 28°F (-2°C).

Tonight: Clearing and cold. Low 10°F (-12°C).

Thursday: Brilliant sunshine fading behind late afternoon high cloudiness; colder. High 23-28°F (-6 to -2°C). Winds northwest 10-15 mph (16-24 kph).

Friday: Cloudy with snow developing. Snow may change to sleet or freezing rain. High 30-35°F (-1 to 2°C). Low 28-30°F (-2 to -1°C).

Colombian Congress May Try President on Charges

By Juanita Darling

LOS ANGELES TIMES

BOGOTA, COLOMBIA

President Ernesto Samper on Tuesday opened a special session of the Colombian Congress convened to decide whether there is enough evidence to try him on charges that he knew his 1994 campaign was financed with drug money.

"I come here to ask Congress for justice," Samper said during a speech inaugurating the session. "I ask that Congress judge me quickly and with the guarantees of the constitution and the law — nothing more, but also nothing less."

Sen. Maria Izquierdo told the Congress immediately after the president's speech that during the campaign candidate Samper sent her to the home of campaign treasurer Santiago Medina to pick up 30 million pesos, worth about \$30,000. Covered in white and gold gift wrap, she said, the money matched the description of one installment of funds that Medina said he received from drug traffickers. Medina has previously stated that Samper knew campaign funds were donated by drug lords.

Izquierdo said she gave the same information to Supreme Court investigators 10 days ago during closed-door testimony. She was notified as she left the Congress that because of those statements, a warrant had been issued for her arrest on charges of drug-related corrup-

tion. She turned herself in and was in custody late Tuesday.

Samper faces a procedure similar to the U.S. impeachment process as calls for his resignation and evidence linking him to drug barons mounts. The process began last year but halted when a congressional committee decided there was not enough evidence to proceed.

As the crisis deepened last week, with new accusations against Samper, former presidents pressed for a reopening of the congressional procedure as a way of averting a possible outbreak of violence. Graffiti demanding Samper's resignation is painted on walls all over the capital, while presidential supporters, particularly labor unions, are said to be planning marches to demand that he stay.

"Samper still has 40 percent support," noted political analyst Eduardo Pizarro, referring to the latest political polls. "He could send workers out to the streets" to defend him.

He has kept that support — based on his populist economic programs — despite persistent accusations that he knew millions of dollars in drug money was used in his campaign and daily revelations from those who say they were involved.

A letter believed to be from drug lords published Tuesday in the daily newspaper El Tiempo, which is usually aligned with Samper's Liberal Party, acknowledged that they con-

tributed to the president's campaign. The letter was signed by "The Extraditables," an apparent reference to Colombia's decision to halt extraditions of drug dealers to the United States.

Samper's defense lawyer resigned Monday, citing death threats that prevent him from making public appearances necessary to the case and his longtime friendship with Fernando Botero, Samper's campaign manager, who set off the latest crisis last week by supporting Medina's accusations.

"The systematic violations of my rights has been chilling," Samper said. "Slander turned into testimony has turned rascals into saints."

Analysts are divided over whether the mounting evidence has privately convinced the president he must resign.

"Samper understands the ungovernability of the situation," said Enrique Santos Calderon, managing editor of the newspaper El Tiempo and an outspoken critic of the drug lords. "He is stalling, trying to avoid leaving by the back door and, above all, judicial vulnerability," he added.

However, political analyst Alejandro Reyes said Samper is not likely to resign. "He is stupid," Reyes said. "He does not understand the gravity of the situation. He is like a kid who is caught stealing candy and says, 'It wasn't me.'"

Oklahoma Bombing Trial Begins; Emotions Run High

By Richard A. Serrano

LOS ANGELES TIMES

OKLAHOMA CITY

They came to court carrying pictures of their dead, more than 100 of them braving zero temperatures and crowding before dawn Tuesday into the federal courthouse here, determined in their unity to show a judge that Oklahoma citizens should decide the Oklahoma bombing case.

Doris Jones clutched a studio portrait of her daughter, Carrie Lenz, a federal drug agency employee who was six months pregnant when the bombing of the Alfred P. Murrah Federal Building took her life and her child's.

"Her picture goes with me everywhere I go," her mother said. "I have another one in the car. She never leaves my sight."

Glenn Seidl wore a baseball cap with six gold stars for the six Secret Service employees killed in the building, including his wife, Kathy. And Dan McKinney — who lost his wife, Linda, and his niece, Shelly Bland — wore a T-shirt with his wife's picture on the front and on the back, a photo of the bombed-out Murrah building and the pledge: "Gone But Not Forgotten."

"That's all I have," he said. "Pictures and memories."

Tuesday marked the beginning of a pivotal, weeklong series of hearings to decide where Timothy J. McVeigh and Terry L. Nichols should be tried for the April 19 bombing, in which 169 people were killed and 600 injured.

Prosecutors insist a fair trial can be held in Oklahoma, in either Lawton or Tulsa. Defense attorneys, alarmed at the deep currents of loss and hatred that still roil through this community, suggest Albuquerque, Denver or Kansas City, Kan., as more impartial sites.

Judge Richard Matsch of Denver, assigned to hear the case, has

indicated that he will decide soon on where the trial will go.

"Obviously it's a matter of importance to a lot of people, so I'll try to do it promptly," the judge said when he arrived Monday at the Oklahoma City airport.

Regardless of where the trial ultimately is held, it will bring with it grave repercussions for the nation.

No trial of its kind with so many victims has ever been played out anywhere in the country. The bombing was the worst terrorist attack on American soil, and where and how the trial is held could very well set precedents on how similarly devastating cases are handled in the future.

In addition, as prosecutors argue and much of the court testimony bore out on Tuesday, polls of potential jurors show that harsh feelings of anger and retribution run high against the defendants. And Oklahoma is not alone in its anger and outrage.

"New Yorkers are off the charts," testified Donald E. Vinson, a trial consultant from Los Angeles. "They were particularly angry about this."

That kind of testimony appeared to bolster the government's contention that the entire nation was "victimized" by the terrorist attack and that, therefore, the trial should just as well be held in Oklahoma as anywhere else.

Argued U.S. Attorney Pat Ryan: "The defense has not, cannot and will not prove that the state of Oklahoma does not have 12 jurors and six alternates who can fairly and impartially hear this case. Our evidence will satisfy the court that a fair trial can be held in Oklahoma."

Ryan and his prosecution team also demand a state trial because so many of the hundreds of victims and relatives cannot afford to travel far to attend a proceeding out of state.

Attending the trial is their right, Ryan said, "and we want to accommodate that right as much as possible."

But defense attorneys said the Oklahoma community is so traumatized that residents throughout the state would be unable to fairly judge McVeigh and Nichols.

"April 19, 1995, is the event which time thereafter is measured," said Nichols' attorney Michael E. Tigar.

To demonstrate their point, defense lawyers showed the judge 45 minutes of highlights from local television reports dealing with the bombing, the arrests of McVeigh and Nichols and the deep hatred that has risen out of the blast.

While the video played, McVeigh and Nichols fidgeted in their chairs. Cries were heard among the victims and their families, some so torn that they had to leave the courtroom. McVeigh's sister, Jennifer, attending her first court appearance in support of her brother, wept quietly.

Tigar also showed the videotape of a TV news interview with Oklahoma Gov. Frank Keating that aired here last month.

Keating said that "what the people of Oklahoma want" are convictions and executions of the defendants and that the decision to appoint Matsch as an out-of-state judge over an Oklahoma judge "chilled my blood."

The anger here does indeed run deep.

Edye Smith, the mother of two young boys killed in the Murrah building day care center, came to the courthouse to set eyes on McVeigh and Nichols. Afterward, she said while her Christian heart allows forgiveness, she nonetheless believes they are guilty.

"They're on a one-way trip straight to hell," she said.

Study Finds HIV Level, Not Immune Cells, Measures AIDS

By Marlene Cimons
LOS ANGELES TIMES

WASHINGTON

Scientists reported Tuesday that infected persons with high levels of immunodeficiency virus develop AIDS much more rapidly than those with lower amounts of the virus, a finding that likely will affect how individual treatment decisions are made.

Addressing the Third Conference on Retroviruses and Opportunistic Infections, researchers said that measuring viral load is a much more accurate predictor of disease progression than the current method of counting CD4 cells, the key immune system cells that are the primary target of the virus.

"Our findings ... can predict disease progression as far as 10 years into the future," said Dr. John W. Mellors, the study's lead investigator. "You can actually define the

individual risk of AIDS before it occurs. This gives us a real handle as to where the individual patient is."

The levels of virus should "absolutely" have "more weight" in assessing a patient's prognosis than gauging the strength of the immune system through CD4 levels, Mellors said.

"You can actually see a doubling of (viral) levels at least two years before you see a 100 cell decline in CD4 levels," he said. It is viral reproduction that ultimately depletes CD4 cells, leading to the destruction of the immune system.

In the largest study of its kind, researchers at the University of Pittsburgh Medical Center used a new test developed by Chiron Diagnostics to analyze blood plasma samples collected every six months from 181 HIV-positive individuals over a 10-year period.

They determined that the risk of developing AIDS symptoms after seven years was less than 10 percent among those with the lowest levels of virus. On the other hand, 60 percent of those with the highest viral load progressed to AIDS.

Viral load measurement also proved to be an accurate predictor of survival. In subjects whose levels were the lowest, none died within five years of the measurement, compared to 65 percent of those with the greatest levels.

While many experts believe that early drug therapy ultimately will be the most effective strategy against AIDS, they also stress that treatment should be tailored to each patient.

Using an analogy to cancer, Mellors urged clinicians to "stage" AIDS by measuring viral load, rather than CD4 counts, to determine how quickly a patient is likely to develop AIDS.

China Warns Taiwanese Leaders About Presidential Elections

By Rone Tempest
LOS ANGELES TIMES

BEIJING

On the one hand, Chinese Premier Li Peng did not issue a timetable for the reunification of the mainland and Taiwan as an influential Hong Kong newspaper had predicted, sending Taiwanese markets into a panic.

On the other hand, the hard-line Chinese leader did not rule out the use of force and did warn Taiwanese leaders that employing upcoming presidential elections on the island as a justification for political independence would be viewed differently in Beijing.

"Whatever changes might occur in the way in which the leadership is chosen," Li said in a high-profile speech Tuesday at the Great Hall of the People, "they cannot change the

fact that Taiwan is part of China and its leaders are only leaders of a region in China."

In a reference to Taiwan's first national presidential elections, scheduled for March 23, Li warned that: "It will lead nowhere if some people attempt to use the change of Taiwan leaders as an excuse to put their separatist activities in a legal guise."

Delivered amid growing tensions in the Taiwan Strait fueled by reports that the Chinese military has prepared a battle plan to recapture the prosperous island, Li's speech was considered an important gauge of China's position.

The speech took on added significance when the Hong Kong Economic Times, a Chinese-language newspaper, reported this week that the Chinese premier

would outline a specific timetable for reunification.

Li did not mention any specific timetable. And in Taiwan, officials reported with relief that Li's speech marked no significant change in the Chinese position.

"Li Peng's talk today contained no new elements," said Taiwanese vice-premier Hsu Li-teh, as quoted by the state-run Central News Agency. "This kind of talk has been repeated many times."

In substance, Li's speech varied little from a policy address on Taiwan delivered a year ago by Chinese President Jiang Zemin.

Li restated China's commitment to a "peaceful reunification of the motherland" through negotiations. But, like Jiang, he warned, "In the final analysis, we cannot give up the use of force."

Sarajevo Barrier Bulldozed As Abuse of Muslims Reported

LOS ANGELES TIMES

SARAJEVO, BOSNIA-HERZEGOVINA

Amid reports of harassment of elderly non-Serbs in a Serb-held district of Sarajevo, NATO-led peacekeepers moved Tuesday to eliminate the last and most symbolic checkpoint dividing the city.

In an unannounced but long-anticipated operation, French troops dismantled the ugly blue and concrete barriers that had set apart the Serb-held district of Grbavica, where U.N. officials and residents have reported an "alarming" wave of intimidation and beatings of non-Serbs in recent days.

Grbavica is one of several Serb suburbs that, under the U.S.-brokered Bosnia peace accord, will be transferred to Muslim-Croat government authority in a process to begin Saturday, when all Serb forces have to withdraw. Fear of the transfer has sent thousands of Serbs fleeing for refuge elsewhere in Bosnian Serb territory.

The barricade blocking access to Grbavica had come to symbolize the insurmountable ethnic division created by the war; it was the closest thing to a Berlin Wall that Sarajevo had, located in the middle of the capital across the ill-named Brotherhood and Unity Bridge.

Its continued presence, long after checkpoints elsewhere in the country had fallen, violated the ideal of free movement set forth in the peace accord and seemed to encourage both the Bosnian Serbs and the Muslim-led government to persist in restricting such movement of civilians.

Magic's Return to Lakers Keeps Hall of Fame in Guessing Game

LOS ANGELES TIMES

Magic Johnson will be elected to the basketball Hall of Fame. When?

Someday.

His enshrinement remains a first-ballot certainty. But now the date of the induction, having already been altered once, is up in the air now that Johnson has come out of retirement, again.

His last regular season was 1990-91, so he should have been part of the class of '97 in Springfield, Mass., since players must skip five elections before they go on the ballot. Then he played in the 1991-92 All-Star game and in the 1992 Olympics. He came back before the 1992-93 season but retired again before the regular season began.

Last year, the trustees met and decided on ... 1998?

The Hall went with sentiment over the bylaws, wanting Johnson and Larry Bird to be enshrined together. Since Bird retired after 1991-92, making him eligible for '98, Johnson was given credit for the All-Star game and Dream Team appearance in Barcelona and kept in the same class.

"There have been so many ties with Larry and Magic, through college and the pros," Joe O'Brien, president of the Hall of Fame, said Tuesday.

"They played each other in the NCAA final, were rookies the same year and then had so many memorable moments in the NBA. The links are so dramatic that we thought it would have been ideal to have them enter the Hall at the same time."

But now the comeback, officially, would make Johnson part of the class of 2002, barring a return next season.

Graduate Student Council

Next meetings:
Formal Ball - Jan 31
General - Feb 7
APPC - Feb 8
HCA - Feb 13
Activities - Feb 22

The GSC Activities Committee has been busy...

Here are just some of the events being planned...

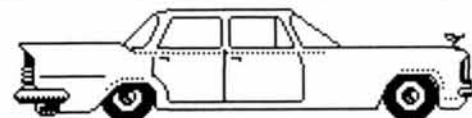
Ice Skating Party
 Fri., Feb. 9th

Ski Trip
 Sat., Feb. 24th

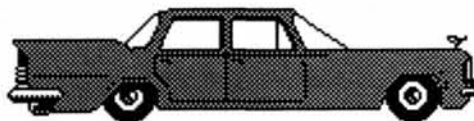
The One and Only Formal Ball
 Sat., April 6th

tickets will be available soon
 stay tuned for updates

The GSC has obtained a place for a graduate student representative on the **Parking and Transportation Committee.**



Applications are available in the GSC office, 50-222, and are due back in the office by Friday, February 2nd at 5pm.



All questions should be addressed to gsc-vice-president@mit.edu.

Spring term funding applications are due in the GSC office by 4pm February 6th!



If a student group intends to apply for funding and has not received a form in the mail (by Wed., Jan. 31st), they should definitely pick up a form from the GSC office and email gsc-treasurer@mit.edu as well.



Remember that **reimbursement forms for the fall funding period** must be turned in by February 14th!



All Graduate Students are invited to all our meetings. Most are held at 5:30pm in 50-222 and dinner is served.

Stay informed about all our events! Check out our web page <http://www.mit.edu:8001/activities/gsc/gsc.html>

Add yourself to our mailing list by sending email to gsc-request@mit

Questions, comments, ideas? Give us a call at 3-2195 or send email to gsc-admin@mit

OPINION

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Gay Community Had Duty to Protest Talk

In response to last week's letter from Jennifer N. Mosier '96 ["Robicheau Has Right to Hold Seminar," Jan. 24], I am compelled to introduce a few points of fact.

First, I thoroughly agree Peter N. Robicheau had every right to offer his event, and have its description published in the IAP guide. In a way, he has done the queer community a favor: He has opened himself and his misconceptions to public scrutiny.

However, just as Robicheau had a right to offer his event, the MIT gay community had a right to protest it — more than a right, I feel they had a moral obligation. The ex-gay therapist Robicheau championed is not condoned by

the American Psychiatric Association. It is usually administered by unlicensed lay people with no psychiatric or psychological credentials. It is based on theories which the majority of the psychiatric/psychological community have not believed since the 1960s. And it has been shown not to work. These religiously motivated "therapists" prey on people who, due to the incredible, insidious, and pervasive antipathy toward homosexuals in our culture, are unable to accept themselves and their same-sex feelings.

Did you know that a U.S. Department of Health and Human Services study estimates lesbian, gay, and bisexual teens are two to three times more likely to attempt suicide than their straight peers? Such people are drawn into ex-gay organizations, which through techniques comparable to occult brainwashing

further their belief that they are not good, worthwhile people if they're gay. They're told they must spend as many as seven years at these institutions in order to be "cured" of their homosexuality, time during which they will be unable see a qualified, licensed, therapist who can help them overcome their negative self-conceptions.

Robicheau's lecture was full of misinformation and terrible prejudice. He opened his speech claiming that he had no objections to people who "chose" to be, and were happy being gay. Then, throughout the rest of his lecture, he contradicted this opening, repeatedly making statements to the effect that people "fall" into the "unhealthy" same-sex relationships of "the Lifestyle," a lifestyle he at one point equated with prostitution.

Justin C. Miller '97



Opinion Policy

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Dissents, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters and cartoons must bear the author's signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. We regret we cannot publish all of the letters we receive.

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THE ARTS

Richard III brings masterpiece to modern audiences**RICHARD III**

Directed by Richard Loncraine.
Written by Ian McKellen and Richard Loncraine.
Based on a stage production by Richard Eyre; from the play by William Shakespeare.
Starring Ian McKellen, Annette Bening, Jim Broadbent, Robert Downey Jr., Nigel Hawthorne, Kristin Scott Thomas, Maggie Smith, and John Wood.
Kendall Square Cinema.

By Scott C. Deskin

CHAIRMAN

For most people, the prospect of going to a Shakespeare play is a fate worse than being condemned to watch the latest Pauly Shore movie. They believe in entertainment that doesn't tax the mind too much, doesn't intrude on the daily drama of

American life, or avoids pretensions associated with "high art." But most people are mistaken; they fail to recognize that Shakespeare's plays are written in the language of his day and were instantly accessible to his contemporaries. Problems arise when stage producers feel it necessary to stick to Shakespeare's original text and settings as if they were gospel. This approach leaves many modern audiences out in the cold.

Even when translated to the big screen, Shakespeare plays can often feel too rote and constrained. The latest instance of Shakespeare on film, *Richard III*, attempts to dispel this feeling of "boredom." The basic story is the same: The evil Richard of Gloucester (Ian McKellen) emerges from a bloody civil war victorious, along with the rest of the York faction. He sets his sights on the throne, secretly implicating his younger brother Clarence

(Nigel Hawthorne) as traitor to the royal court headed by his older brother King Edward (John Wood). Richard enlists top government aides and a few select henchmen to make his dream of becoming king a reality. Along the way, he must get rid of his brothers, deal with the Queen Elizabeth (Annette Bening) and her protective cousin Earl Rivers (Robert Downey Jr.), and prevent Edward's sons — Richard's own young nephews — from claiming the throne.

The novelty here is that the setting is shifted to 1930s England, and Richard is made over as an Anglicized Hitler — complete with close-cropped hair, trademark moustache, and huge chip on his shoulder (here, physical deformity: a hunchback and a twisted, vestigial left arm). His reign of terror doesn't end with the brutal killing of the reigning King Henry and his heir Prince Edward at the end

of the war; his family members are mere stepping stones and his closest personal allies are tools for him to reach a position of ultimate power. As a villain, he is shiftily-eyed and gleefully unrelenting: He seems to enjoy deriving and tormenting others. As a hellion and soul, he knows he's doomed in the afterlife, so he rarely falls prey to his conscience and personal demons: When he does, toward the end of the film, his grief is a subconscious purge of bad memories, nothing exceedingly heartfelt or penitent. And, as a protagonist, he makes his asides directly to the audience; that way, we get a glimpse of what drives his single-minded desire to manifest his evil in pursuit of the crown.

There are other deft touches which distinguish the production. Casting the Queen Elizabeth and Earl Rivers roles as Americans not only lends international appeal to the film, but also paints those characters as outsiders to the established York family. The set design is imaginative, with a miniaturized industrial-age London teeming with uniformed officers and the imposing, concrete Tower of London looming at the edge of town (actually an abandoned power station on the Thames, built in the 1930s). The rally that precedes Richard's coronation includes art deco-style murals (reminiscent of 1920s Soviet war poster) in the back rooms as well as huge red banners decorating the arena whose central logo, a black boar, easily stands in for a swastika.

All told, the film seems eager to please a contemporary audience and tries almost everything to give some spice to an old story. Director Richard Loncraine and McKellen, in making this engaging adaptation, necessarily had to cut some of the characters and dialogue, but I think the original intent of the story is intact. It's not fair to give all of it away, but the twentieth century setting does provide a few novel bits of visual humor tied to Richard's immortal utterances ("Now is the winter of our discontent" no more than "My kingdom for a horse!"). The acting is very good, especially that of McKellen, Bening, and Maggie Smith as Richard's long-suffering mother. This version of *Richard III* may not be a masterpiece, but it's an enjoyable way to pass a few hours — and it helps reinvent the genre in much the same way as Quentin Tarantino's *Pulp Fiction* did for gangster pictures.



Ian McKellen, as King Richard III, woos Lady Anne (Kristin Scott-Thomas), widowed by Richard's own hand.

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Emotional brutality makes for brilliant *Dead Man Walking*

DEAD MAN WALKING

Directed by Tim Robbins.
Starring Sean Penn and Susan Sarandon.
Sony Nickelodeon.

By Audrey Wu
STAFF REPORTER

For those of you who don't bother to read long movie reviews, I will get straight to the point: *Dead Man Walking*, which addresses the hotly debated question of whether the death penalty should be allowed, is one of the best films I have seen in a long time. What are you waiting for? Go see it. Now.

For the rest of you: Susan Sarandon is in her usual top form as Sister Helen Prejean, a rather naive nun who finds herself unwillingly ensnared in controversy when she becomes the spiritual adviser to Matthew Poncelot, a convicted killer on Louisiana's death row. Sean Penn, who is perhaps better known as Madonna's "boy toy" than for his acting prowess, hasn't headlined a major movie since *Carlito's Way* in 1993. He will be almost certainly catapulted into the ranks of the Hollywood elite after this film. His chilling portrayal of Poncelot is convincing and effective.

What makes Penn's performance especially impressive is that Poncelot's character is deceptively complex. One moment, he is a cold-blooded killer; a bigot whose first word is probably a racial slur; a wannabe Nazi who sports a swastika tattoo (among several other colorful designs); and a wannabe terrorist who, in television interviews, actively proclaims his ambition to bomb federal buildings. At other times, he can be very charismatic, despite the horrific murders for which he is to be executed. It is also worthy to note that it could not have been easy for Sarandon or Penn to shoot the last few scenes of the film; shooting an execution scene is very depressing business.

Sister Helen's spiritual counsel to Poncelot is really nothing more than a plot contributor in this film. The most impressive aspect of the film is its comprehensive analysis of the death penalty issue. It follows Poncelot from the murders, through his several appeals, and finally to his execution in excruciating detail. No matter what your particular stand is on the death penalty, this film will make you think about the many different arguments surrounding the controversy.

In addition, the film is particularly effective because of its emotional brutality. At the beginning of the film, Poncelot seems nonchalant about being on death row. He is cold and

heartless; his inevitable death will be no loss to society. But during the course of the film, he becomes pitiable. He and a friend contributed to the murders; each accused the other of firing the fatal shots that killed the victims. Poncelot's friend hired a hotshot lawyer and received a life sentence, while he could afford only a public defender and received the death sentence. Meanwhile, Poncelot's mother is heartbroken, and cannot testify at his appeal hearings without breaking down in tears. Poncelot's brothers are ostracized at school. Intertwined with these scenes, which bring on feelings of sympathy for Poncelot, are appalling reminders of the brutality of the murders: flashbacks to the murders and displays of the intense grieving of the family of the victims, who feel that Poncelot's death would give them some semblance of peace. The film shows how the murders ripped apart the marriage of one of the victim's parents: "Till death do us part," the father bitterly comments.

Even politicians do not escape the scope of

the film. Most politicians find it politically impossible to be seen as soft on crime. In the film, Poncelot is not much more than a pawn in their bids for election. But the most cruel scenes comes at the end of the film. While Penn is subjected to the anguish of waiting for the guards to escort him to the death chamber, the audience too feels each brutal moment slowly tick by. Worst of all, Poncelot is reduced to a scared child, and no matter how terrible the murders were, I don't believe there was anyone in the audience who could, without any twinge of conscience, think that he deserved to die.

Dead Man Walking is a definitive triumph for director Tim Robbins. It would have been too easy for Robbins (or any director, for that matter) to make a film that staunchly took one side of the issue. What is an impressive feat, and far more difficult, is that Robbins puts forth the controversy without pretending that only one side is right. The film challenges you to actually give some thought to the death penalty issue. I wouldn't suggest seeing it if

you're looking for a good time at the movie theater. Don't look to this movie for much action, adventure, or excitement. From the beginning, Poncelot's execution is inevitable — you spend more than two hours waiting for it. Although I know that different people will react differently to the film (one of my friends found the execution scene hysterically funny, for some strange reason), be prepared for your conscience to take a flogging. Robbins's view is finally summed up in Poncelot's last words, "I don't think killing is right, whether I do it, or you, or the government."

Be prepared to re-evaluate your particular view on the death penalty. You will walk away from the movie theater with a sense of the tragedy of any murder, whether it is committed by a person or by the government. And you will leave with a bitter sense of pity for the approximately 2,700 people who wait on death row today, and the more than 20,000 people who are murdered in the United States each year. Now what are you waiting for? Go see *Dead Man Walking* for yourself.



Sean Penn chillingly portrays a convict on death row and Susan Sarandon is the nun who counsels him in *Dead Man Walking*.

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ON THE SCREEN

— BY THE TECH ARTS STAFF —

- ★★★★: Excellent
- ★★★: Good
- ★★: Average
- ★: Poor

★★★ Heat

Rarely do Hollywood films play both sides of the fence in a cops-and-robbers saga, but that's exactly what writer-director Michael Mann does in his latest film. Robert De Niro is the robber determined to make one last big score, but complications develop when he falls in love with a young graphic designer won over by his candor; Al Pacino is the cop who doggedly pursues De Niro at the expense of his crumbling third marriage. Although the dialogue is a bit excessive at times — the film is about three hours long — Mann's sense of pacing serves him well in setting up the pulse-pounding action sequences. The supporting actors, too, deserve a lot of credit for bringing life and credibility to the scores of characters in the film. —Scott C. Deskin. *Sony Cheri.*

★★★★ Leaving Las Vegas

This sometimes-harrowing, often-redemptive look at a relationship between a destructive alcoholic (*Nicholas Cage*) and a prostitute (*Elisabeth Shue*) could be a spiritual antidote to the excesses of *Showgirls*. Cage is a newlywed screenwriter whose vices have torn apart his family and led him to Las Vegas, where he resolves to drink himself to death. Shue falls in love with him for his lack of pretense, and they embark on a journey of love and self-revelation. Director Mike Figgis completely redeems himself for the bathetic *Mr. Jones*; here, he paints the characters with warm, natural emotions and uses the garish backdrop of the Vegas Strip (where even the golden arches of McDonalds are adorned with a multitude of flashing lights). The soundtrack of soulful contemporary songs by Sting, Don Henley, and other performers is hypnotic and artfully up. It's definitely worthwhile and uplifting for those who can take it. —SCD. *Sony Nick-elodeon.*

★★★★ Nixon

Oliver Stone's most recent flick, *Nixon*, manages to capture the essential features of Richard Nixon's twisted character. While Anthony Hopkins doesn't exactly resemble Nixon, he does effectively mimic many of the president's nervous mannerisms. *Nixon* contains a number of fictional scenes created by director Stone — scenes that blur the already unseemly facts of the Nixon scandal. In spite of the canards, Stone accurately lays out some of the late president's strange psychoses, including phantasms of his saintly mother, dead brothers, and "enemies." The outstanding supporting cast helps weave the entire

story into a tapestry of deceit and betrayal that can't fail to impress even true Nixon aficionados. —Anders Hove. *Sony Cheri.*

★★★ Sabrina

Good romance-comedy. Sabrina (*Julia Ormond*) falls in love with David (*Greg Kinnear*), but David barely knows she exists. Sabrina's father sends her to Paris to help her forget David. She comes back a new woman and David is attracted to her, but he's now engaged to another woman. Linus (*Harrison Ford*), David's brother, woos Sabrina in the hope that she'll forget David and fall for him. A lot more complicated than the original one with Humphrey Bogart and Audrey Hepburn Harrison Ford and Julia Ormond make this film very 90s, yet they retain the story's classic charm. Greg Kinnear is much funnier than William Holden, but maybe that's just because of his lines. The direction is magical; for example, it's very easy to see how Sabrina grows up in Paris. —Kamal Swamidoss. *Sony Nick-elodeon.*

★★★½ Shanghai Triad

Director Zhang Yimou's (*Ju Dou, Raise the Red Lantern*) latest film, is absolutely stunning. Set in the westernized Shanghai of 1930, the film deals primarily with the fate of a woman living in a society controlled by the Mafia. The result of this shift of focus is refreshing — rest assured that there is not a bloody horse head to be found. Although there are impressive performances all around — most notably Li Baotian in his role as Mr. Tang, the ruthless godfather chief of the Tang family-run underground Green dynasty, and Shun Chun as Song, his backstabbing number two man — it is the incomparable Gong Li's performance as the conceited, hot-tempered prostitute/singer Xiao Jinbao that grips the audience's attention for almost two hours. —Audrey Wu. *Kendall Square Cinema.*

★★★ Toy Story

Toy Story, Disney's most innovative feature-length film to date, not only is a landmark in computer animation, but also manages to retain the action-packed plot line and light-hearted comedy that have given Disney a virtual stranglehold on children's films. But besides the fact that the film is practically one big special effect, its premise is also a lot of fun: the supporting characters of the film are such familiar toys as Mr. Potato Head, Etch-a-Sketch, Slinky, and those miniature green plastic army

men that are packaged in buckets. The film stars a talking cowboy doll named Woody (voice of Tom Hanks) and a "Space Ranger" named Buzz Lightyear (voice of Tim Allen). The villain is the bully who lives next door, a juvenile delinquent named Sid who thoroughly enjoys torturing his toys. Woody and Buzz ultimately become "lost toys" trapped in Sid's house with his hideous toy creations, and have to escape before Andy's family moves away without them. *Toy Story* is a lot of fun and the computer animation is, for lack of a better phrase, really cool. —AW. *Sony Copley Place.*

★★½ Twelve Monkeys

In this science-fiction offering from director Terry Gilliam (*Brazil, The Fisher King*) and writer David Peoples (*Blade Runner, Unforgiven*), Bruce Willis plays Cole, a prisoner in a post-apocalyptic future; scientists hand-pick him as a "volunteer" to go back in time to uncover information regarding a mysterious virus that wiped out most of the earth's population. He runs into problems, however, when he gets thrown in a mental institution and meets a sympathetic doctor (Madeleine Stowe) and a defective inmate (Brad Pitt). Cole trips through time much like Billy Pilgrim in Kurt Vonnegut's *Slaughterhouse-Five*. Unlike Pilgrim, Cole seems trapped in an infinite loop; he's haunted by an image from his childhood, and once we see what this means for his mission, we pity him even

more. But what results is an incredibly bleak picture; a romantic development between Stowe and Willis toward the end is a pretentious and unsuccessful attempt to offset the film's inevitable, depressing conclusion. However, *Twelve Monkeys* is partially redeemed by some comic relief from Pitt's character and Gilliam's distinctive, engaging visuals. —SCD. *Sony Cheri.*

★★½ Waiting to Exhale

Waiting to Exhale, the provocative motion picture based on the bestseller of the same name by Terry McMillan, addresses how four thirty-something women cope with the many losers they stumble over in their search for a decent man. The film should be commended for bringing the vibrant voices of middle-class African-American women to the fore. In addition, the performances by the four heroines are quite good. Although the characters often times act as dumb as dishwater, the actresses manage to shine and the camaraderie among the four women appears heartwarmingly genuine. In addition, the film does make some rather incisive observations of post-relationship-trauma female behavior. The film's weakness, however, lies in its disjointedness and the extreme blindness of the characters. If you are male, I would suggest not choosing this film for your first date. Furthermore, unless you want to watch two hours of male bashing, I wouldn't suggest seeing it at all. —AW. *Sony Copley.*



In *Waiting to Exhale*, (from left) Loretta Devine, Whitney Houston, Angela Bassett, and Lela Rochon play women who find solace in friendship.

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MIT Related to Top Biotech Companies

By Rochelle Tung

Companies founded by MIT faculty or alumni produced nine of the top ten best-selling biotechnology drugs in 1994.

This and other Institute contributions to biotechnology over the past two decades were presented in an Institute study released earlier this month entitled, "MIT, the Federal Government, and the Biotechnology Industry: A Successful Partnership."

The nine drugs were developed by three large biotech companies: Amgen, Biogen, and Genentech.

An additional 42 biotech companies are also founded by MIT faculty or alumni. The 45 companies combined employ 10,000 and have a total revenue of over \$3 billion, almost one-fourth of the total revenues of U.S. biotech companies.

Biogen, co-founded by Professor of Biology Philip A. Sharp, was the first to develop the Intron A Alpha interferon used to treat 17 different types of cancers and viral infections, including hairy cell leukemia, Kaposi's sarcoma, and hepatitis B and C. Sharp, a 1993 Nobel laureate, is head of the Department of Biology.

Amgen was co-founded by former Professor Emeritus of Chemical Engineering Raymond F. Baddour ScD '49, and developed three top drugs: Neupogen, which boosts white blood cell production; Epogen, which stimulates red blood cell production for treatment of anemia; and Procrit, used to treat anemia from chemotherapy of AZT treatment of AIDS.

Genentech, the first major biotech company, was founded in 1976 by Robert A. Swanson '69. In 1977, Genentech produced the first human protein, somatostatin, in bac-

teria. Human insulin, the first recombinant DNA drug, was cloned in 1978 and marketed in 1982. The human growth hormone was cloned by Genentech scientists in 1979. Important modern drugs include Humulin, which treats diabetes, Egenerix-B, which treats hepatitis B, and Activase, which treats heart attacks and blood clots.

Other MIT biotech contributions

The study showed that the 30 MIT-related Massachusetts biotech companies have created 3,200 jobs, with total annual revenues of \$520 million. All statistics were for 1994.

The Institute is awarded 30 to 40 biotechnology patents each year and has negotiated more than 100 license agreements with biotech companies since 1986. The licensee companies have attracted more than \$630 million in investment capital and employ 1,200.

The study also found that of the \$85 million in life science research conducted annually at MIT, about \$75 million is federally sponsored.

MIT biology and biotechnology researchers work in the Department of Biology, the Center for Cancer Research, and the Whitehead Institute for Biomedical Research. The Institute boasts five Nobel prizes in medicine or physiology since 1968.

It was not until recently that the Institute was noted for its biology and biotechnology advancement, in large part due to former department head Professor Gene M. Brown, said Vice President for Research and Dean for Graduate Education J. David Litster PhD '65.

Programs in the biological sciences were ranked first or second in the nation in a National Research Council study released last year.

Gender Conference Stresses Male Involvement in Fighting Sexism

By Christina Chu

STAFF REPORTER

A full day seminar last Friday focused on issues of multiculturalism and gender and stressed the importance of involving men in fighting sexism.

The conference, titled "Fighting Sexism: A Conference for Men," was sponsored by Real Men, an anti-sexist men's organization founded in Boston in 1988.

Following opening remarks by Rep. Barney Frank, D-Mass., the conference continued with a panel called "Multicultural Perspectives on Men Fighting Sexism." Jackson Katz, founder of Real Men, led the panel.

"The time is now long overdue for all men to start taking an active role in ending men's violence against women, and sexism in all its forms," Katz said. "Men have a critical role to play in teaching other men and young boys what they can do to end sexism."

Panel starts seminar

The panel consisted of four members that represented various organizations, including counseling and service groups.

"The use of violence as a tool for resolving conflict in a family is a major fact that affects youth today. It leads youth to drugs, gang violence, and abusive behavior," said panelist Chuck Turner from Emerge, a counseling service for men who batter women.

"Men were not involved in the battered women's movement because they were not invited," said panelist Joyce Williams-Mitchell, executive director of the Massachusetts Coalition of Battered Women Service Groups.

Economic disempowerment of women keeps them in the vicious circle of domestic violence, Mitchell said. It is important to get men working in the anti-sexism movement because the source of economic power lies in the hands of men, she said.

Other forms of violence discussed

People should be aware that domestic violence also hurts the next generation, Turner said.

If a father abuses his wife, he will instill in the child an acceptance of battering. Until he recognizes that his ideas are wrong, he is not fit to be with his

children alone, even if he never abused them before, Turner said.

"How should we deal with psychological manipulation? This is sexism too, but it's more sophisticated and harder to pinpoint," asked an audience member.

"You've got to make the calls and say it's wrong, otherwise you're colluding with the system that society has set up. If you don't call it, or speak up about it then we aren't going to change," Turner responded.

"Being nice, gentle and polite just doesn't cut it in the workplace," he said. "We have to be up front and direct with people [about what we see as sexist.] If this doesn't happen, we're going to see ourselves in tremendous difficulty in the future."

Workshops addressed issues

The afternoon consisted of two sets of workshops, which addressed such issues as rape, racism, pornography, and homophobia.

Members of the conference discussed the roots of oppression at a workshop entitled "Sexism and Racism: Making the Connections" led by Mitchell and Richard Wright, violence prevention coordinator for Cambridge.

"We should feel comfortable about issues on race and gender but we can't do that all the time. We need to put that pain in our fists and start fighting by making a difference so that this kind of oppression won't happen again," said a participant in the discussion.

The only way to see women in their entirety is to acknowledge their diversity. Insight takes courage, Wright said.

At the workshop entitled "Homophobia and Sexism: Making the Connection" led by Lyn Freundlich of the AIDS Action Committee, participants related personal experiences.

The threat of violence to non-conformists keeps the others in line with a heterosexist society, said a conference member. It keeps men and women together because that's where the power lies. Legally they have more power if they support patriarchy.

The day ended with a forum for all conference members to discuss strategies for increasing men's activism in the fight against sexism.



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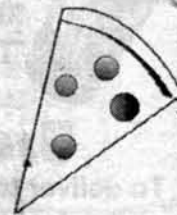
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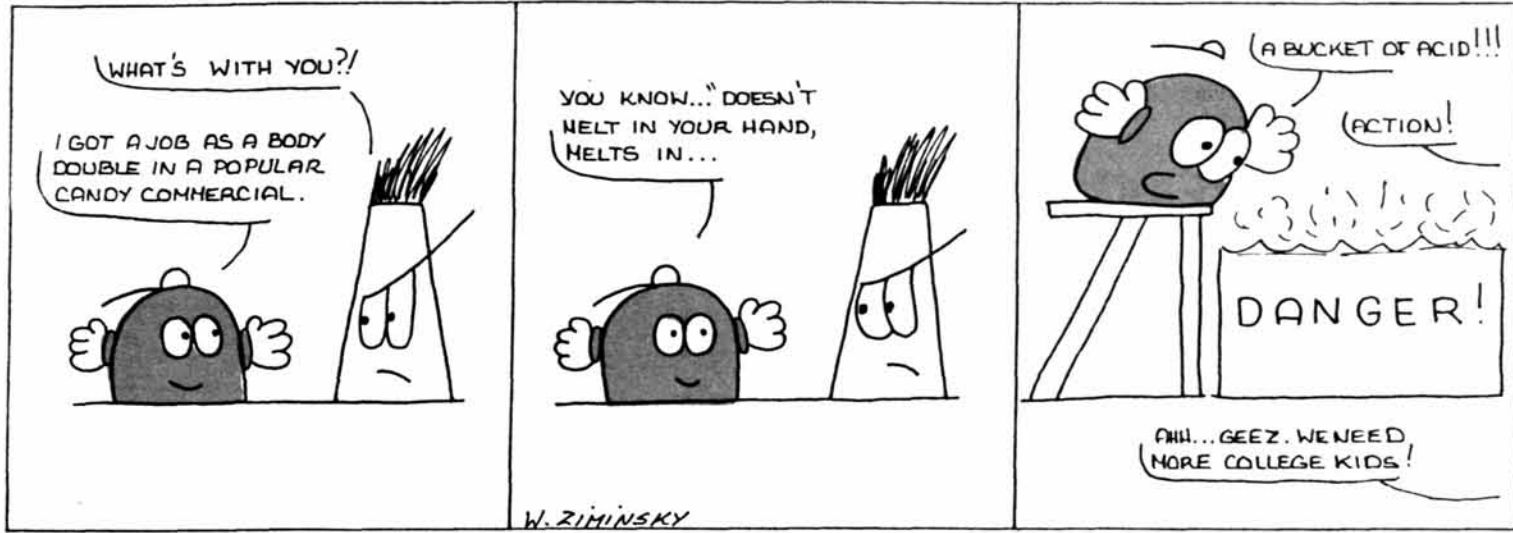
Information Session
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**Mediator
To Resolve
Yale Labor
Dispute**

By Dan McGuire
ASSOCIATE NEWS EDITOR

**Short
Takes**

Yale administrators asked Friday that a federal mediator be brought in to resolve the dispute with the members of the Local 34 and 35 service unions.

The service contract for Yale food service and physical plant workers expired Monday and negotiations thus far between the University and the union over medical insurance and pension have gone poorly.

University officials began fine-tuning emergency plans to keep vital services such as dining and snow removal operational by using professional managerial staff and subcontracted labor. Teaching assistants who took part in the earlier grade strike said they would not participate. [Yale Daily News]

UC system president delays ban on affirmative action

The president of the University of California system, Richard C. Atkinson, said in a letter Wednesday that he would delay the implementation of new admissions guidelines that ban the use of race or sex as factors in college admission until 1998.

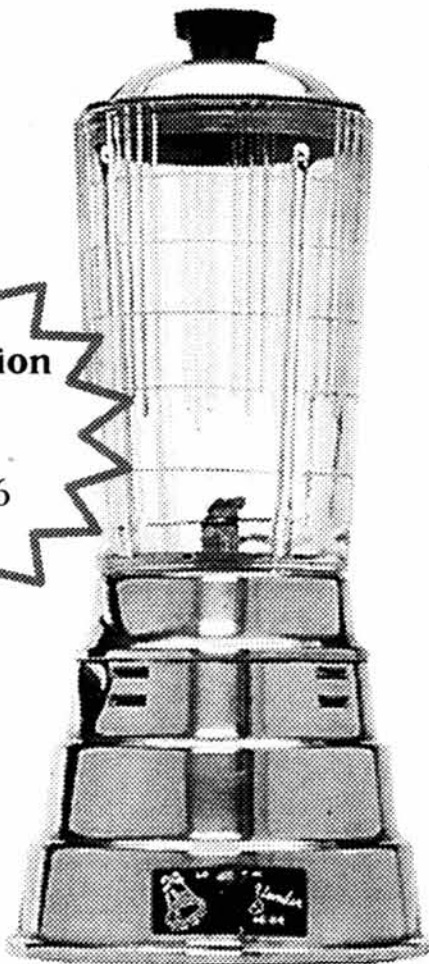
Atkinson said that the move was not a retreat and would instead allow universities time to evaluate the results of the guidelines and create new policy around them. California Governor Pete Wilson, who campaigned vigorously for the ban, appeared before the board to protest the action. Ten members of the board who back the ban asked for a closed meeting today to "review the performance" of Atkinson. [The New York Times]

Brandeis faces faculty cuts

Brandeis University's Board of Trustees voted Thursday to approve a plan to shrink the faculty at the Waltham-based college by 10 percent. The cuts will move Brandeis' student to teacher ratio from 8:1, a more typical 11:1 and will probably result in the loss of 36 faculty positions, most of them through attrition.

The faculty cuts, along with an increase in the student body from 2,900 to 3,200 and a shrinking of the university's graduate program, are designed to allow it to avoid a projected 1999 budget deficit of \$10 million. [The Boston Globe]

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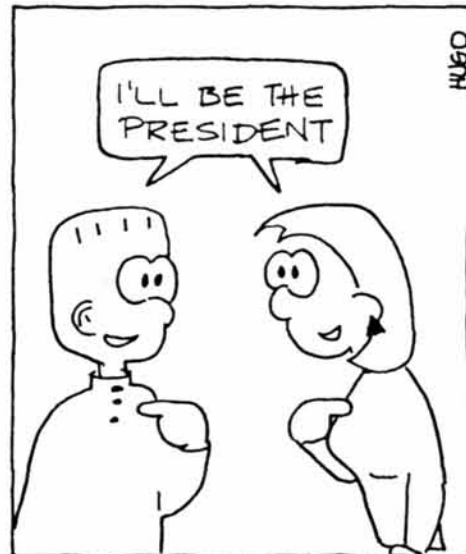
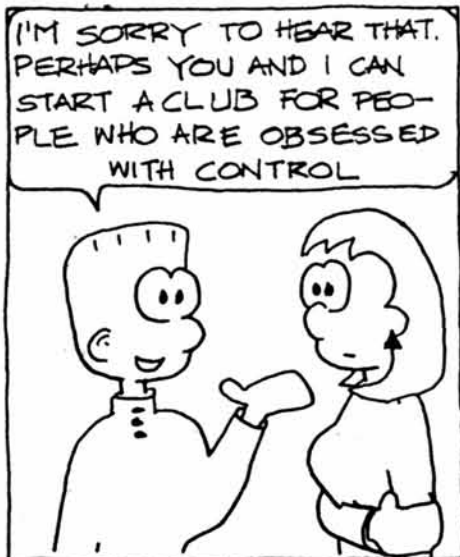
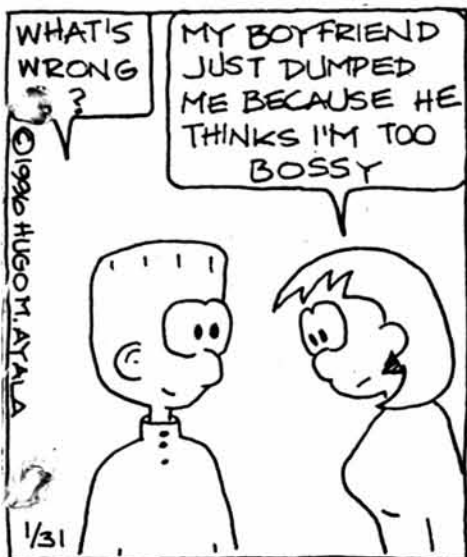
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By H. Ayala



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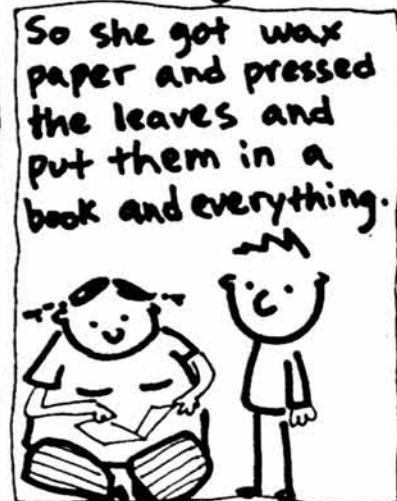
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Jim's Journal

by Jim



Hearst New Media and Technology

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Zevin Provides Helpful Hints For Living in the Real World

Charm, from Page 1

I learned how to deal with embarrassing questions like, 'How do you tell somebody that his/her zipper is down?'" said Charm School student Shua Li G.

"This is the only thing you can do for free at MIT," said Elizabeth A. Schave G. "I wanted to earn a PhD in an hour and it looked easy."

"If nothing else, it is very fun to watch," said Delroy A.Y. Ying '97. "I have been meaning to attend since I have been here, but I just never got around to it. I learned that how you walk is based on how you feel."

"I attended the 'How to Tell a Joke' class because I have bombed my jokes in the past so I figured I need some help," said Jimmy M. Hsu G.

"I want the students to have a sense of what makes a joke funny and what makes humor work," said jokes class instructor Jeff Bigler. "They then can feel more confident."

"Walking is a favorite form of MIT locomotion," said Merritt, who taught the walking class. "MIT students use what I call the 'Institute scuttle,' with their heads down, no eye contact, and no motion except from the knee down." Students are constantly in a hurry and walk in a utilitarian method, Merritt said. "I am confident that we can stamp out the 'Institute scuttle' in our life time."

"There are things to avoid, such as flailing body motion," said Dhaya Shminarayanan '96, who taught a class on body language. She gesticulated with her arms to demonstrate what she meant: "These are attractive and unbecoming. Try to remain poised."

James J. Mahoney, assistant host in the president's office, taught a class on proper table manners, entitled "It's Alimentary at Manners Cafe."

"I'm fascinated by the hype. Since I work in food service, this is something I don't understand — the misunderstanding of what tools to use at dinner," Mahoney said. "It's fun to see people so eager to learn, and be so conscious about what I have found so obvious."

Students learned how to enjoy their elevator ride in a class on elevator etiquette taught by Eleanor P. Crawford of undergraduate education and student affairs.

To properly enjoy an elevator ride, students should make eye contact and offer to select a floor for other riders, Crawford said. The big no-nos of elevator riding include entering the elevator before all others have exited, standing near the doors when exiting at the last floor, and taking the elevator for one's self.

Big shots buttered

Institute big shot Glenn P. Strehle (vice president for finance and treasurer) taught the class on "Buttering Up Big Shots." Strehle advised that student "don't just stand there. You need to take the initiative to develop a meaningful relationship with an important person. Think about what you want to communicate to the other person."

It's important to make connections with important people because doors open to those who have good relations, said class instructor Marcia K. McNutt of the Department of Earth, Atmospheric, and Planetary Sciences.

At a class entitled, "Electronic Mail and Communications," Vivek Pandit G made clear a fine point of etiquette. "When people ask me to leave them voice mail, they really mean don't call them. You can leave them voice mail with out calling them on the phone. It's a way of saying don't disturb me,

and it took me a while to figure out."

To graduate, students were handed coupons at each class's booth after they passed the subject, which usually only required participation. Six coupons earned a Charm School Bachelor's Degree, eight earned a master's, and 12 coupons earned a PhD.

Speaker address 'entry-level'

Among the myriad of exaggerated ideas on how one should live after college, Charm School commencement speaker Dan Zevin included topics such as finding "entry-level" living space, creating an "entry-level" resume, and pursuing "entry-level" dating in the real world.

Zevin, writer of *Entry-Level Life: A Complete Guide to Masquerading as a Member of the Real World*, humored the audience with witty and insightful comments on entry level life after college.

"Imagine that you're not at MIT anymore, and that you've left your spotless record behind you. This is a life where you wake up before the sun sets" and the calendar doesn't revolve around September and May, Zevin said.

"The key after college is that you just pretend you know what you're doing" and dress for stress," Zevin said.

Fabrication and exaggeration will help to make jobs sound wildly important on your resume, Zevin said. "Act as a liaison between soapy water and dishes" for a dish washing position, he said.

As for entry-level meal plans, "there's no more cafeteria after college," he said. "On the one hand you don't have to eat the slop but on the other hand you have to start cooking for yourself."

Therefore, an entry level chicken would be a half-cooked chicken in a microwave, Zevin said.

POLICE LOG

The following incidents were reported to the MIT Campus Police between Jan. 19 and 24:

Jan. 19: Bldg. NW14, laser printer stolen, \$500; Bldg. 7, intercom phone stolen, \$66; Student Center backpack stolen, \$40; Johnson Athletic Center indoor track area, wallet stolen, \$30.

Jan. 20: Burton-Conner House, bicycle stolen from suite area, \$150.

Jan. 21: MIT Police assist Cambridge Police in apprehension of individuals arrested for larceny; East Campus, disturbance; Ashdown, 1) bicycle stolen, \$270, 2) obscene phone calls.

Jan. 22: Bldg. E17, ladder stolen, \$80; Bldg. 14, suspicious activity; Bldg. 68, 1) backpack stolen, \$300, 2) cash removed from wallet, \$30; Student Center, bicycle stolen from rack, \$300; Bldg. 34, chairs and table stolen, \$550; Bldg. 4, bicycle stolen from 3rd floor room, \$250; Bldg. 13, larceny of check, \$705.

Jan. 23: Dupont Gymnasium, wallet stolen, \$95; Dupont men's locker broken into, watch, wedding band and cash stolen, \$320.

Jan. 24: Bldg. 33, suspicious activity; Bldg. E51, man's winter coat stolen, \$500; Bldg. 4, bicycle stolen from rack, \$220; Alpha Phi, fraudulent use of a credit card.

Jan. 25: Bldg. 33, bicycle stolen from rack, \$500; Albany Street garage, electrical cable stolen, \$3,390.

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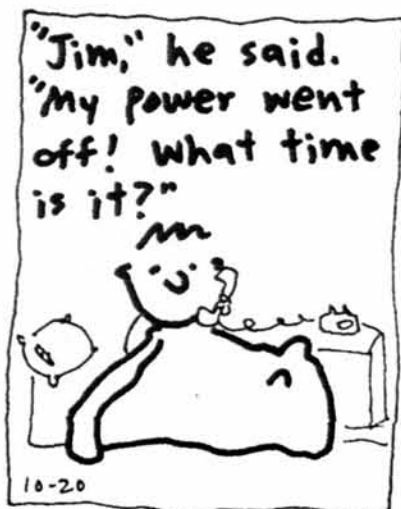
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Jim's Journal



by Jim

Third in a series.

PRESSURE, CONFIDENCE AND SELF-ESTEEM

Pressure to excel is inherent in any institution that strives to be the best of its kind. For many of us, MIT is our first experience in an environment where the problems are so challenging and our fellow students are so capable.

The challenge to our confidence and self-esteem can be enormous and leads to pressure to "measure up."

There is a temptation to suggest changes to reduce this pressure; a lighter course load, easier grading, easier courses, less homework, etc.

Experience teaches us that in the long run, self-esteem and confidence cannot come from reducing the challenges we face. Confidence and self-esteem, rather, are inward manifestations of a very special experience.

This experience comes the same way scientific knowledge is obtained: by testing in a real situation. When we face the challenges of solving real and difficult problems; when we solve problems others have attempted and

have not solved; when we break ground with new knowledge; when we see our own solutions tested by reality and verified, then we acquire confidence and self-esteem. There simply is no other way. And recognition, when it comes, is fully deserved.

In the most basic terms, we gain confidence and self-esteem not by reducing challenges, but by meeting and overcoming them. Less pressure does not produce self-esteem, and it certainly does not provide confidence.

Our challenge is to approach every problem with this perspective. Our challenge is also to develop the attitude that only the best effort is acceptable and the belief that we can, in fact, produce the best work.

While we struggle and learn, we need to remind each other that we have chosen the finest and most challenging educational institution of its kind, and that the confidence and recognition will eventually come.

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IFC Vice-President Position Shared by 2

IFC, from Page 1

Other new IFC officers include: Joseph M. Lee '97 as rush chair, Jennifer Yang '97 as treasurer, Daniel B. Plotnick '98 as secretary, James W. Harmon '98 as risk management chair, Christopher G. Rodarte '97 as IFC Judicial Committee chair, David C. Naffziger '98 as relations chair, and Duan H. Dreger '99 as community service chair.

Since much of the board has served on the IFC before, they are "not going to have many problems with transition," Pride said. "They're just going to have to adapt to new positions."

The positions on the IFC Executive Board and IFC Judcomm are elected by the presidents of all fraternities, sororities, and independent living groups.

This will be the first year that the position of vice president is shared by two people. Gilon and Rodriguez ran together because "they see the role of the vice president becoming larger," and therefore decided to split the duties in terms of internal and external responsibilities, said Neal H. Dorow, assistant dean and adviser to FSILGs.

The two will work out exactly how the responsibilities will be split. However, until the IFC consti-

tution is amended, the two count as one vote on the executive board.

Panhel rotation ensures equality

As with the IFC, this year's vice Panhel president position was split into two positions. Executive Vice President Julie J. Muyco '98 takes charge of the newly formed Panhellenic Cabinet and will handle event programming.

Vice President of Panhellenic Rush Shirley H. Hung '98 is in charge of the Junior Panhellenic Conference, rush counselors, and the Panhel Judiciary Committee, which handles rush violations.

Jamie A. Buller '99 and Shirley S. Mihardja '99 were elected treasurer and secretary, respectively.

The five top Panhel positions rotate among the five sororities to guarantee representation to all Panhel groups. The new rush chair, Wanda A. Chin '97, was selected from the three sororities that do not hold positions of president and vice president this year.

Any Panhel member can run for the remaining positions. Other newly elected officers are: Michelle J. Berris '99 as community service chair, Stacy A. Williams '99 as social chair, Hannah Meehan '99 as housing chair, and Orli G. Bachall '99, and Lisa E. Tatterson '99 as community service co-chairs.

SOFTWARE DEVELOPERS

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Institute Able to Absorb Delayed Funding

Shutdown, from Page 1

"If we can't get the information, we assume that we have to take on the risk."

Agencies may have to bar awards

The programs of the NSF, NASA, and the EPA received funding at the levels specified during the latest House-Senate conferences of the appropriations bills.

These agencies may now have to "bar the award of new funds for proposals that have been prepared for the next round," Crowley said. "This will disrupt support for graduate research and faculty trying to establish their research. Those programs interrupted will have no funds to pursue their research."

Earlier this month, appropriations bills were signed that funded other sponsors of science research, including the National Institutes of Health. "The NIH was quickly rescued and funded for the balance of the year. Congress in fact granted more than they had requested. This will allow NIH to operate "with stability and predictability," Crowley said.

While federal research and development is fairing better than they had expected earlier in the year, there is still a great amount of uncertainty as the budget negotiations continue, he said.

"I am hopeful, [but] the reality is less money in the future. MIT will have to work a lot harder to keep its funding level where it is," Norris said.



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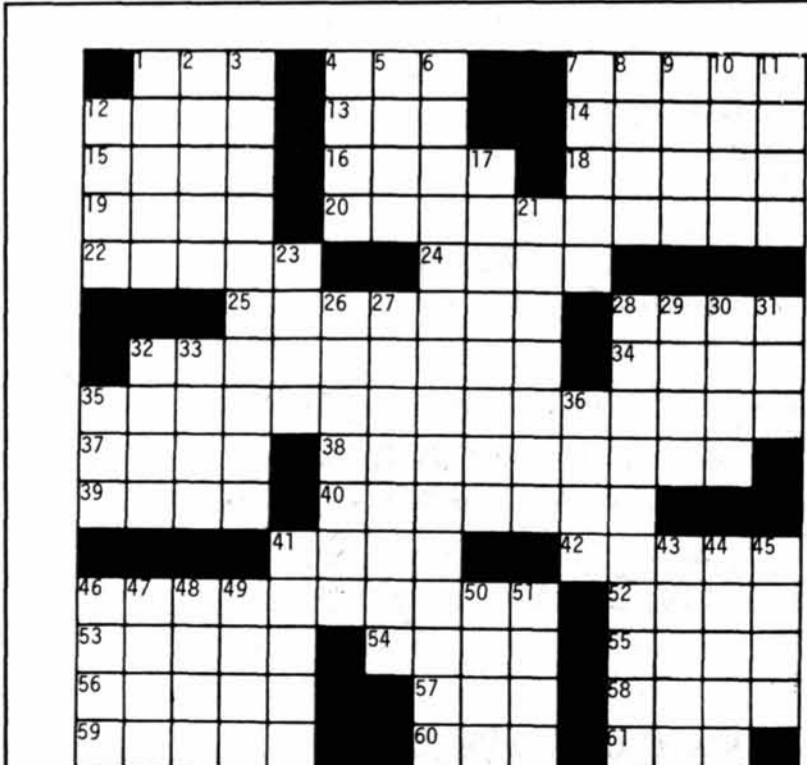
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ACROSS

- 1 — Mahal
- 4 Title of respect (abbr.)
- 7 Groucho's trademark
- 12 Nota —
- 13 College in Brooklyn (abbr.)
- 14 Miss Bryant
- 15 Mimic
- 16 City in Oklahoma
- 18 Commenced
- 19 Bring up
- 20 Making mechanical
- 22 Green mineral
- 24 Scrooge, for short
- 25 As — a goose
- 28 Smell strongly
- 32 Change the attitudes of
- 34 Miss Adams
- 35 Despite
- 37 — spumante
- 38 Dirt analyses (2 wds.)
- 39 Apiary dwellers
- 40 — one (golf aces)

DOWN

- 1 Wigwam
- 2 Lend —
- 3 Half of movie team (2 wds.)
- 4 Type of school (abbr.)
- 5 —-Japanese War
- 6 Requiring little effort (3 wds.)
- 7 Ship room
- 8 Don Juan's mother
- 9 Parisian musical

ACROSS

- 41 Skeletal
- 42 Big shot
- 46 Over and over
- 52 Mere's mate
- 53 Pertaining to birds
- 54 Debauchee
- 55 Scheme
- 56 High IQ society
- 57 Nothing
- 58 Slangy food
- 59 Anaheim athlete
- 60 Parapsychologist's field
- 61 Type of whiskey

DOWN

- 10 — impasse
- 11 Called up
- 12 Sharp projection
- 17 Engage in combat (2 wds.)
- 21 Changes chairs
- 23 City in New Jersey
- 26 Played a better game of basketball
- 27 Large beer glass
- 28 Fish dish (2 wds.)
- 29 Blue-pencil
- 30 German numbers
- 31 Beer container
- 32 Pink wine

- 33 Suffix for usher
- 35 Arrest
- 36 Rhineland refusal
- 41 Commonplace
- 43 Fasten down
- 44 Make a speech
- 45 Vereen and Casey
- 46 Hindu deity
- 47 — Steven
- 48 Half of a table game
- 49 Facility
- 50 Ex-pitcher Tiant
- 51 Kennel sound

PUZZLE SOLUTIONS FROM LAST ISSUE



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SOLUTIONS IN THE NEXT EDITION OF THE TECH

Track Posts Close Win over Springfield

By Todd Chamoy
TEAM MEMBER

The men's track team showed great depth in pulling out a tough victory over Springfield College last Saturday. The meet was held at Bowdoin College, who, along with Colby College, comprised the remaining teams in the Quad Cup meet. The final score of MIT 212.5, Springfield 176.5, Bowdoin 160, and Colby 36 was a little too close for Coach Halston Taylor's liking.

"While I was pleased with the victory, I thought we lacked the passion that we displayed [against Coast Guard earlier in the season]. The exception was the throws, they really carried the ball."

The MIT throwers, severely outted by Division II Springfield, led excellent performances from everyone to make up for the deficit in talent. In the 35 lb. weight throw, Michael T. Butville '98 lead the charge with an outstanding 45-foot-10.5-inch throw that elicited cheers from his teammates so loud they shook the field house. His throw put him in second place, just ahead of Dan Miller from Springfield.

Also throwing well and placing in the weight throw were Wade Morehead '98 and Todd Chamoy '99 who finished 5th and 6th, respectively.

As if not to be outdone by his teammate in the weight throw, Keith Bevans G waited until the last possi-

ble moment to put away his competition, when, on his sixth and final throw in the shot put, he threw 43-feet, 2.5-inches, just a quarter-inch ahead of a Bowdoin thrower, and good enough for 3rd place. Patrick Dannen '98 and George Torres '99 each had personal bests in the shot put and both scored valuable points for MIT.

Sastry, Aina help MIT victory

Ravi V. Sastry '98 was a stand-out once again, placing in 5 of the 15 individual events, including 1st place in the long jump, where Lincoln Bonner '97, Jared Miller '99, and Akin Aina G joined him to sweep the top four places, dealing a crushing blow to the opposition with 27 points in just one event.

A solid day from Aina helped MIT as well. He placed 4th in the long jump, 3rd in the 55-meter dash, and 3rd in the 200 meters.

Surprisingly, MIT was able to win the meet with only two individual victories. In addition to Sastry's long jump, Edgar R. Ngwenya '96 won the 400 meters with a time of 0:53.96, a solid half-second lead over the second place Colby sprinter.

The Engineers placed at least three athletes in the first 14 events, and in a meet that close, every point counted. "Champions are measured by winning the close ones, not the easy ones," Coach Taylor said.

Fencers Bower Brown, 17-10

Fencing, from Page 20

in epee. The foil squad garnered a 7-2 record against BU, epee a 5-4 win, and the sabre team rounded it out with an impressive 8-1 victory.

The final match up of the long day was against Brown University. Though tired, all three squads fenced strongly (foil 7-2, epee 5-4, sabre 5-4.) The intensity of the IAP practices and the excellent physical condition of the team came in to play as Brown fell 17-10.

In addition to the impressive showing of the beginning fencers, Brian Bower '99 finished off the day with a 12-3 sabre record, David Lewinnek '97 ended up 9-3 in epee, David Nauman '97 closed at 8-3 in foil, and Jae Park '98 fought for an 11-4 foil result. The next meet will be Sunday at MIT.

TOP TEN MOST BOGUS THINGS ON EARTH

10. The Donut Diet.
9. Cars that can talk.
8. "Do Not Remove Under Penalty Of Law" tags on mattresses.
7. Pop quiz on Monday following major weekend.
6. 1-900-DEBBY.
5. Lawn flamingos.
4. Imitation cheese.
3. Referee in Professional wrestling.
2. Did we mention the pop quiz?
1. Drugs.

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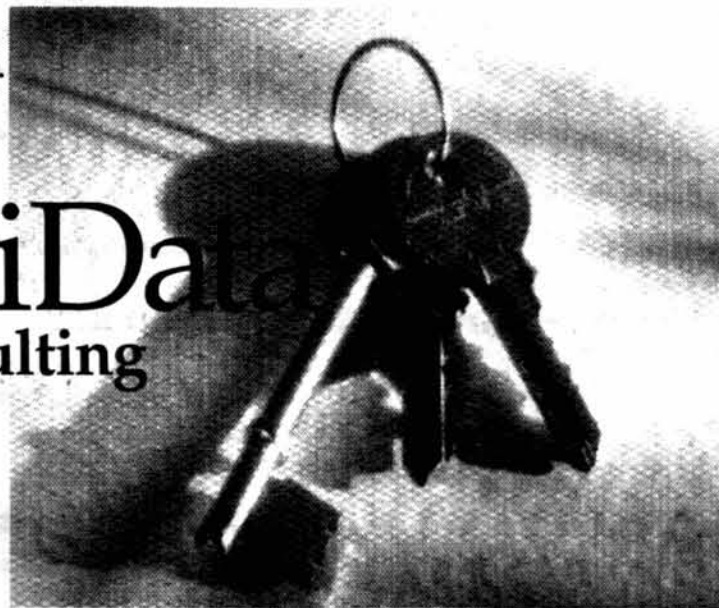
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SPORTS

Hockey Continues Win Streak With Tough Springfield Victory

By Jason Weintraub
STAFF REPORTER

In what can be arguably claimed the most dramatic win in MIT hockey history, the varsity team picked up its twelfth straight win of the season with a 5-4 victory over Springfield College on Saturday afternoon.

Springfield actually took a page out of MIT's book when they managed to poke in a loose puck in the opening minute of play. MIT found themselves in the rare position of trailing early, usually reserved for their opponents.

However, the Engineers were quick to respond. John Rae '99, picked up his first goal of the afternoon less than a minute later, tying the score at 1. With each team adding another soon after, the game would be knotted at 2 for most of the first period.

With under two minutes left in the period, Rae and Jim Goodman G teamed up to give the engineers the lead. Rae came up the ice on the right side and passed it over to Goodman on the left. Goodman, instead of trying to squeeze the shot through the small opening on the goalie's left side, slid the puck back across to Rae who slipped it into the wide open net. It was a perfect example of the unselfish style of play that has helped the team to an undefeated record.

It seemed that the Engineers would take the one goal lead to the lockerroom. However, with only 19 seconds left in the period, Springfield once again found the puck loose in the front of the MIT net and managed to put it in.

The second period would see only a single goal coming from the stick of a Springfield defenseman,

giving them the lead going into the final period.

End of an undefeated season?

With Springfield leading 4-3, the predominately MIT crowd could not help but wonder if they were witnessing the abrupt end to the undefeated season.

It's tough to say why this Springfield College team, a team MIT had beaten 9-1 earlier in the season, was giving the Engineers so much trouble. Captain Jon Shingles '96 offers his opinion: "We figured we had Springfield beat before they even stepped off the bus. That is one of the problems with our team. Our success has bred an overconfidence which if not kept in check might result in a loss of our undefeated streak."

Despite the deficit in score, MIT did in fact control most of the play in the third period, often keeping the puck in the offensive zone and the pressure on. The tying tally just would not come. The puck did in fact manage to find the Springfield net on several occasions, but each time the referee had blown the goal off, claiming that the net was dislodged or that the whistle had sounded.

Finally, MIT's perseverance paid off. With 5:17 left on the clock, Shingles found Rae in front of the net, and the latter easily beat the Springfield goalie for the equalizer, not to mention the hat trick. It was this goal that not only revitalized the team but the MIT fans as well. The Engineers obviously had the momentum and adrenaline needed for the game winner.

However, just as quickly as the momentum was gained it was lost. Shingles would take an ill-timed

penalty leaving MIT shorthanded for the next two minutes. MIT was in a little bit of a fix — they needed to play conservative to kill the power play, yet also keep in mind that the clock was ticking down on them.

The Engineers did manage to kill the penalty and soon after went on the attack once again. The break they needed would come with only 1:13 left in the game. The same Springfield defenseman who had put his team ahead got called for a bad interference penalty, putting MIT on the power play.

Close finish

With both the crowd and players fired up, it was clear that MIT had the edge. However, almost directly after the face off, Springfield slapped the puck down the ice, forcing MIT to retrieve it and quieting the crowd just a little. With MIT gaining the zone with less than thirty seconds left on the clock, everyone knew that this would be their last chance. When Springfield cleared the puck with about 15 seconds on the clock, you could almost hear the disappointment.

But MIT had not given up. Defenseman Steve Schlueter '96 stopped the puck at the red line and quickly passed it up to Matt Yurkewych '98. Yurkewych slipped it across to Tetsu Inada '97 who wound up and fired it high over the goalie's shoulder into the upper corner. The clock read only 0:04.

The Engineers will take their still unblemished 12-0 record on the road today against Salve Regina University and to Daniel Webster College on Saturday. The next home game will be February 10 against Central Connecticut State University.

Men's Fencing Loses to Brandeis

By David Nauman
TEAM CAPTAIN

Coming off a grueling schedule of double practices during IAP, the men's fencing team squared off with some of the top schools in New England on Saturday.

The first meet pitted MIT against the defending New England champions, Boston College. Mentally and physically fired up, all three squads ran over their competition (foil 6-3, epee 7-2, sabre 5-4) to give the team a solid win.

There were some excellent individual performances against BC. The most notable was starter Matt DuPlessie '99, who, having fenced merely five months, handily finished off all three of his opponents.

Possibly due to such a decisive victory, the mental preparation and intensity necessary to continue winning were relaxed and MIT fell in a close match (13-14) to the University of New Hampshire (foil 4-5, epee 5-4, sabre 4-5.)

MIT then faced the perennial

powerhouse and rival, Brandeis University. Though the desire to win had returned to MIT, the more experienced Brandeis fencers pulled off a 18-9 victory (foil 3-6, epee 2-7, sabre 4-5.)

Still fired up, even after the loss to Brandeis, the three squads crushed Boston University (20-7) substituting many beginners for the starters. Michael Desenna '99 went 2-1 in foil, as did Adrian Perez '98

Fencing, Page 19

Women's Fencing Continues Winning Season in 9 Meets

By Jennifer Mosier
TEAM MEMBER

The women's varsity fencing team continued its winning sea this weekend, competing in nine dual meets in two days, and has excellent chance of winning the New England Fencing Conference championship for the season.

On Saturday, they competed in the Wellesley College Invitation. The double practices and hard work over IAP resulted in an undefeated day for the team.

The first meet was against Vassar College, which MIT won 20-10 (6-10 foil, 10-6 epee). The women's team then rolled over Steve Tech 24-8 (14-2, 10-6).

The third meet was against a tough opponent and rival, Brandeis University. The team avenged its close loss in December with a 20-12 (6-10, 14-2). In reference to this victory, head coach Jan Koniusz said "after several years of domination by Brandeis, it's really satisfying to beat them decisively."

The team finished the day with a 22-10 (8-8 loss, 14-2) win over Baruch College and defeated a strong Wellesley team in the fifth meet 21-11 (11-5, 10-6).

The team also competed at Wellesley on Sunday. They began day by crushing Bates College 25-7 (12-4, 13-3). They then fought a tough meet against Boston College, winning 17-15 (7-9, 10-6).

Boston University was no match for MIT and was defeated 2-9 (7-15-1).

Toughest meet against Brown

The toughest meet of the weekend was the last meet against Brown University. MIT fought a very hard battle against this strong team, but lost a very close match 15-17 (6-10, 9-7). Brown fencer Kate McKay said that "the MIT fencers were extremely difficult fence when their teammates were around."

There were also many outstanding individual performances. Saturday, Merideth Rising '98 led the epee squad by winning all her bouts, ending the day with a 16-0 record. Her squadmates, Fab Backes '96 and Nicky Leifer '98 were not far behind, with very impressive records of 27-9 and 28-8 in epee for the weekend. Jennifer Mosier '96 also fenced well, finishing with a 9-2 record. Eris Rosing and Leifer defeated 1995 NCAA Division I silver medalist Heidi Chang from Wellesley, which were her only losses of the weekend.

Captain Wanda Chin '97 also had a very impressive weekend finishing 28-8 in foil, with Amy Hwang '97 and Leejee Suh '97, ending 24-12 and 21-14 respectively. Aimee Wiltz '99 and Ori Hunter '99 also contributed to the foil squad's success. Tom Yamashita, the assistant coach, said that "the consistent intensity, determination, and collective enthusiasm showed by all of the members of the MIT team is the mark of a championship team."

Due to injuries to the starters, the team had to call on its alternates to fence. In their first meet ever, Nora Szasz '99 and Sara Perry contributed to the team victories by fencing very well against more experienced fencers and finishing 11-12 and 14-8 respectively in epee.

This has been a great season for the young team. They have an overall record of 14-4, with a conference record of 11-1. Although the final results for the conference will not be available until the second week of February, Koniusz is "very optimistic about winning the conference title this year."

The next NCAA meet will be on Saturday, February 3rd at Brandeis.



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