

Jablonski Appointed as New Residence Dean

By Jeremy Hylton
EDITOR IN CHIEF

Margaret A. Jablonski, an assistant dean at Worcester Polytechnic Institute, accepted MIT's offer to be the next associate dean for residence and campus activities yesterday morning.

Dean for Undergraduate Education and Student Affairs Arthur C. Smith announced the appointment yesterday. Jablonski will start at MIT on Feb. 1.

Smith said Jablonski has a strong background and is well-qualified for the position.

"She has the right kind of concerns for working with students: a sense of fairness, an understanding of what a university is all about. Having been at WPI, she has a better picture of a technical institution and what the consequences of that are," Smith said.

Undergraduate Association President Hans C. Godfrey '93 was also enthusiastic about the choice. Godfrey and several graduate students interviewed Jablonski during the selection process.

"She was well qualified, and she impressed me. I think she'll treat

students fairly," Godfrey said.

Enjoys working with students

Jablonski said she enjoys working with students and campus issues. "I know MIT is a very intense, challenging academic experience. I see my role as trying to support students in achieving success academically and at the same time as developing as total persons," she said.

"I really thoroughly enjoy dealing with student issues," Jablonski said. "I like helping students find a solution to a problem and not just

giving them a solution to a problem."

Smith and Godfrey both noted that her work with science and engineering students will help her adjust to MIT. "I'm aware that MIT has its own culture, and I want to take some time to get to know that," Jablonski said.

"I would perceive that I am going to be very active in the campus life and that in general I feel students should be empowered to make decisions and should be involved in decision making. I look forward to being part of an overall

staff in the student affairs area," Jablonski said.

Jablonski also said, "I feel I have some experience dealing with sexual harassment policies and procedures and also bias-related harassment."

Referring to the recent debates at MIT over the harassment policy and freedom of speech, she said: "I would basically say it is very healthy for a campus to debate the issues around free speech and harassment."

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Brooks Awarded Rhodes

By Michael K. Chung
OPINION EDITOR

After a week of intensive interviewing, economics major Eileen L. Brooks '94 was awarded one of 32 Rhodes Scholarships. The scholarship provides two full years of support for study at Oxford University in England.

Recipients may pursue a two-year degree in any major. Brooks intends to work toward a master's degree either in philosophy and international studies or in politics, economics, and philosophy.

Afterwards, Brooks plans to attend graduate school in economics, possibly in environmental economics. From there, she would like to join academia, and later on go into public policy, at the World Bank for instance.

Although the scholarship first opened to women in 1976, this was the first year in which women were awarded more scholarships than men, Brooks said. She added that she is the first woman from Nebraska to be awarded the honor.

Intense competition

Brooks described the competition as intense. At the end of the state-level interview, the applicants

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Eileen L. Brooks '94

This is the last scheduled issue of *The Tech* for 1993. *The Tech* will be published on the first three Wednesdays of Independent Activities Period: Jan. 5, Jan. 12, and Jan. 19. Advertising and letters for these issues are due Monday afternoons at 4:30 p.m. Regular Tuesday-Friday publication will resume Jan. 28.



Brothers and friends of Theta Chi sponsored a party for underprivileged children from Boston Friday night.

THOMAS R. KARLO—THE TECH

Debate Team Hosts Weekly Tournament

By A. Arif Husain
STAFF REPORTER

A team from Princeton University emerged victorious at MIT's second annual parliamentary debate tournament last weekend. The two-day event, hosted by the MIT debate team, brought together 57 teams from 17 schools in the United States and Canada.

Schools represented at the event included Harvard University, Yale

University, and Wellesley College.

The tournament was one of the weekly competitions regulated by the student-run American Parliamentary Debate Association. A member school is chosen at random to host each tournament.

Guests pay \$100 per team, and the host school, which does not compete, uses the funds to organize the

Debate, Page 17

Honesty Committee Examines Cheating

By Eric Richard
CONTRIBUTING EDITOR

The MIT Colloquium Committee released the results of its study entitled "Undergraduate Academic Dishonesty at MIT" last week. The action comes one year after MIT's colloquium on academic dishonesty and three years after 78 students taking Introduction to Computers and Engineering Problem Solving (1.00) were sanctioned for cheating

by the Committee of Discipline.

The study was designed to answer basic questions about undergraduate cheating by trying to figure out how serious an issue cheating is at MIT, whether it is getting worse, what constitutes cheating, whether there are any underlying causes, and what can be done to improve the situation.

Honesty, Page 15

Student Media Revamps TV36

By Daniel C. Stevenson
ASSOCIATE NIGHT EDITOR

After three years of planning, the Student Media Group plans to begin its production schedule for MIT Cable channel TV36 over the Independent Activities Period. SMG will incorporate the functions of the current MIT student cable group "to provide an organized method for student communication through visual and interactive media," according to SMG founder Ronald D. Peters II '94.

"The main purpose of SMG is to encourage MIT students to pick up a camera and make some videos," Peters said. "Our membership is open to anyone in the MIT community. We have positions for people of all majors."

"Our short term goal is to provide an entertainment service, just

like any other TV channel," Peters said. SMG will be "a source for MIT students and anyone in the MIT community who has an idea to be able to communicate that idea to the entire campus," he said.

By the end of the IAP, "our production facilities will be up and ready to go," Peters said. Currently, two shows are slated for production. "One is our flagship show, a comedy show called MIT Students Using Comedy to Keep their Sanity," said Peters. The other show is a talk show which is still unnamed.

Peters is working on "striking deals with surrounding schools to rebroadcast their student produced material." SMG will also add lecture and test review broadcasts, and hopes to eventually produce news programming specifically geared towards MIT events, Peters said.

In the future, "MIT could be a site for testing some of the information superhighway." SMG would be able to "promote MIT as a test site for new and emerging technologies," Peters said.

Project backed by UA

Peters and UA President Hans C. Godfrey '93 proposed a bill at the Nov. 17 UA Council meeting to create SMG as an affiliated group of the UA. Not enough members were present to constitute a quorum to vote on the bill, but the UA Executive Committee of the passed the measure at a meeting on Nov. 28.

"I think it's a great opportunity for MIT students," Godfrey said. "I'm glad I was able to be a part of it."

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INSIDE

■ Graduate student population will shrink as indirect cost recovery changes. *Page 10*

■ Prof. Weiner moderates Indian students' talk on Babri Masjid. *Page 11*

■ Concert Choir delivers professional-caliber performance of Bach's *Mass in B Minor*. *Page 7*

WORLD & NATION

Clinton Meets with Haitian Leaders

LOS ANGELES TIMES

WASHINGTON

President Clinton, saying he wanted to "reaffirm the support of the United States" for Haitian President Jean Bertrand Aristide, met for 45 minutes at the White House Monday with the exiled leader and Haitian Prime Minister Robert Malval.

The meeting came amid efforts by Malval and others to restart internal negotiations with the reigning military junta that might lead to a resolution of Haiti's political deadlock.

Earlier in the day, Malval, who has said repeatedly that he would step down as prime minister on Dec. 15, announced he would remain in Haiti as acting prime minister beyond the deadline.

"Our country is in a very deep political problem — in an impasse — and we must find a way out," Malval said in an afternoon press conference in which he announced his intentions.

Malval said he would welcome all Haitian parties including the military to a new round of negotiations but insisted that "in no way will we get out of the framework of the Governor's Island agreement."

The agreement, signed by both parties in the Haitian dispute, committed the military junta that overthrew Aristide in a 1990 coup to allow him to return to his post. In exchange, Aristide — Haiti's first democratically elected president — agreed to grant amnesty to the military leaders who carried out the coup.

But the junta, led by Gen. Raoul Cedras, has reneged on the deal, which would have returned Aristide to power by the end of October. They contend Aristide has not taken all the necessary steps to assure their protection from prosecution.

Former Priest Porter Sentenced for Sexual Abuse

LOS ANGELES TIMES

NEW BEDFORD, MASS.

After hearing 22 men and women describe their pain and anger in impassioned statements Monday, Superior Court Judge Robert L. Steadman sentenced former Roman Catholic priest James Porter to concurrent sentences of 18 to 20 years at a Massachusetts State prison.

Porter pleaded guilty on Oct. 4 to 41 counts of sexual abuse between 1961 and 1967 at five parishes in southeastern Massachusetts. He is expected to serve at least 12 years.

More than 100 victims of the former priest reached a civil agreement with the local archdiocese in 1992. Porter's case offers the largest example of clerical sexual abuse — or abuse by any individual — in American judicial history.

As part of his 10-year probation, Steadman also ordered Porter to "participate in and follow through programs designed to treat and control his pedophilia."

Court Agrees to Hear Challenge To California Death Penalty Law

LOS ANGELES TIMES

WASHINGTON

The Supreme Court said Monday it would hear a major challenge to California's death penalty law, agreeing to rule on whether jurors are given enough guidance in deciding whether to sentence a convicted killer to death or life in prison.

In choosing to review the law, the justices voted to hear appeals filed on behalf of two Death Row inmates: Paul Tuilaepa, who shot four men in a Long Beach, Calif., bar in 1986 and killed one of them, and William Proctor who at age 20 was convicted of strangling a Shasta County school teacher.

In both cases, their attorneys contended that the state's death penalty law was vague and did not spell out for jurors which factors in the crime or characteristics of the killer called for the death sentence.

That technical legal issue obviously has drawn the court's attention. On two occasions in recent weeks, the justices have examined five separate appeals from California Death Row inmates in their private conferences.

In a brief order Monday, they announced they would hear the two cases early next year and devote 90 minutes of argument to the question of whether the law is unconstitutionally vague.

"We are not alarmed, (but) we are taking it seriously," state Attorney General Dan Lungren said in Sacramento, Calif. "We think we have a strong case and we don't anticipate losing."

As of Nov. 1, there are 376 inmates on Death Row, but no executions are scheduled during the next few months, prosecutors said.

WEATHER

Clouds and Sun

Michael Morgan
STAFF METEOROLOGIST

Intervals of clouds and sun will be the weather rule throughout most of the week. A series of weakening moisture-starved disturbances will approach the area from the west this week with clouds and maybe a flurry the only signs their passage. A more potent disturbance will reach the East Coast by the weekend. A significant snow or rain event is possible with this cyclone.

Today: Morning precipitation ending, clearing and cool. High 44°F (7°C).

Tonight: Increasing cloudiness. Low 32°F (0°C).

Wednesday: Partly to mostly cloudy with a period of light snow possible. High 38-41°F (3-5°C). Low 28°F (-2°C).

Thursday: Partly cloudy. High around 40°F (4°C).

Christopher Rejects Arafat Plea to Enforce Timetable

By David Hoffman
and John M. Goshko
THE WASHINGTON POST

JERUSALEM

New violence broke out Monday night on the West Bank as Israel and the Palestine Liberation Organization sought to resolve disagreements over Israel's military withdrawal from the Gaza Strip and Jericho, which is scheduled to begin next Monday.

Secretary of State Warren Christopher met in Amman with PLO Chairman Yasser Arafat and gently rejected his plea for the United States to press Israel to keep its commitment to begin withdrawing from Gaza and Jericho on Dec. 13, as called for in the Israeli-PLO accord signed Sept. 13.

Israeli Prime Minister Yitzhak Rabin said there is "a tacit understanding" with the Palestinians that an agreement on the pullout does not have to be signed in the next week, and he pledged that the timetable for completing the withdrawal by April 13 will be met.

These differing views appear to suggest that both Israel and the PLO are preparing for a week of intensive jockeying before Monday. Rabin and Arafat may meet in the days ahead, probably in Cairo, before a final agreement is reached, and some Israeli officials have said that a symbolic military pullout could take place even before the full agreement is sealed.

But Rabin has come under sharp criticism this week as a wave of violence engulfed Jewish settlers and Palestinians. Monday night, an Israeli father and son were killed and three other sons in the family were wounded as gunmen drove by in a car and fired at their minivan with automatic weapons near Hebron in the West Bank. Settlers opposed to the peace accord gathered for demonstrations in Jerusalem and Hebron, throwing

stones at Arab cars.

However, U.S. officials said that in a two-hour meeting at the American Embassy in Amman, Jordan, Arafat told Christopher that he is under heavy pressure from Palestinian militants and the PLO Executive Committee and believes that much of the strain would be eased if the Israeli withdrawal begins on time.

Christopher promised to convey Arafat's concern to Rabin, and he said the United States is looking into the possibility of providing some non-lethal aid such as surplus vehicles to the embryonic Palestinian police force that is supposed to replace Israeli troops when they depart.

But he also made clear that the U.S. role in helping the Palestinians will be confined primarily to economic assistance and that the Clinton administration believes the PLO and Israel should work out their future security relationships by themselves.

Meanwhile, Israel announced that Foreign Minister Shimon Peres and Arafat will meet in Grenada, Spain, on Wednesday. Both will be attending a conference sponsored by the U.N. Education, Scientific and Cultural Organization. The meeting is expected to prepare for a possible Rabin-Arafat session to take up some of the remaining obstacles in the Israeli-PLO talks.

The chief disagreements are over security arrangements and how large the Jericho zone should be. Both Israel and the Palestinians are preparing to submit draft agreements to each other at talks in Cairo on Wednesday. According to Israeli officials here, Israel has agreed to release a large number of Palestinian prisoners when the agreement takes effect. But there are still unresolved problems over how Israeli settlers will be protected, especially on roads that take them through Arab population centers in Gaza.

The roads have become a battleground in recent days. Last week, two Israelis were killed in a drive-by assault by Palestinian militants firing automatic weapons. Another Israeli was killed at a bus stop on Sunday.

Monday night, the father and son were gunned down in their disabled minivan, which was parked near Hebron. The predominantly Arab city has been the scene of fierce clashes between Jewish settlers and Palestinians in the last few days during which one Arab was fatally shot by a settler. Police Monday charged the settler with murder and two others with being accomplices.

Meanwhile, Israeli undercover troops shot and killed a Palestinian Monday who was accused of being a member of the Islamic movement Hamas suspected of participating in the drive-by assault last week.

Arafat, talking briefly with reporters after his meeting with Christopher, was asked whether he was willing to agree to a delay beyond next Monday. He replied: "You have to ask Mr. Rabin to be flexible. He is occupying my land, and he has to withdraw. We are hoping he will be flexible so we can find a solution and start the withdrawal on time."

"The Israelis and the PLO are the best ones to interpret the agreement," Christopher added. "It is quite important that no one else try to interpose themselves. But I have heard the urgency that Chairman Arafat feels, and when I see Prime Minister Rabin I will pass on Chairman Arafat's concern."

A senior U.S. official accompanying Christopher said that any aid the United States might provide to the Palestinian police force would be strictly non-lethal. He said the administration is thinking of donating some surplus Defense Department vehicles, but added that it would be necessary first to check the idea with Congress.

Astronauts Prepare to Install \$101M Camera into Hubble

By Robert Lee Hotz
LOS ANGELES TIMES

HOUSTON

After outfitting the Hubble Space Telescope with new solar-energy panels Monday, astronauts prepared to tackle the most crucial phase of the repair mission — and one of NASA's most embarrassing mistakes — the flawed optics that prevent the \$1.5 billion observatory from living up to its promise.

If the work planned for late Monday and Tuesday night is successful, the Hubble for the first time will have a clear, unobstructed view of the universe.

In the mission's third arduous excursion outside the space shuttle this week, payload commander F. Story Musgrave and mission specialist Jeffrey A. Hoffman were scheduled Monday night to install a \$101 million camera built by the Jet Propulsion Laboratory.

Its advanced sensors will allow the Hubble to peer deeper into ultraviolet wavelengths hidden to astronomers on Earth and enable them to explore the origins of the cosmos.

Buoyed by the astronauts' success so far, NASA officials said Monday that Endeavour's seven-member crew have proved that people can service and rebuild satellites in orbit, validating an important idea underlying the design of the space station and other structures NASA hopes one day to maintain in space for decades.

"It is clear we can service the Hubble; we've now done it," said Edward J. Weiler, Hubble project scientist at NASA's Office of Space Sciences. "Now we have to see whether we can get the Hubble up to the telescope we promised the American people 3 years ago."

"Now we start fixing the science," he said.

Astronauts Musgrave and Hoffman, making their second overnight spacewalk of the 11-day mission, were expected to remove the original camera from the Hubble and place it in the shuttle's cargo bay for return

through their checklists in a flow of amiable chatter.

One defective panel, twisted and bent during its 3½ years in space, could not be rolled up for storage, a contingency mission planners had predicted and rehearsed. NASA flight directors abandoned plans to bring it back to Earth for study and told Thornton to jettison it. As Endeavour passed into sunrise over southern Egypt, she stood on the end of the shuttle's mechanical arm and carried the bent panel aloft and released it, then dropped both hands simultaneously in a flourish worthy

Now we start fixing the science.

—Edward J. Weiler, NASA Scientist

to Earth. They would then install its wedge-shaped 629-pound replacement by sliding it into the empty service bay like a bureau drawer.

In the crucial step, they had to remove a bright red protective cover from the mirror that directs light from the telescope's main beam into the camera. If they accidentally touch the exposed mirror, they could throw the optics out of alignment or ruin its reflecting surface.

While most Americans slept early Monday, mission specialists Kathryn C. Thornton and Thomas D. Akers replaced the 39-foot solar panels that supply the Hubble with electricity, talking each other

of a circus rider.

Tumbling gently in Endeavour's exhaust, the broad rectangular blanket of plastic began to flex, flapping like it had wings as it moved into the distance.

NASA officials watching from the Johnson Space Center were transfixed by the sight.

"There are images that are burned into your brain for your life," said Hubble senior scientist David S. Leckrone of NASA's Goddard Space Flight Center. "The mythic, Wagnerian image of Kathryn Thornton holding the solar array up toward the rising sun is something I'll never forget."

Supreme Court Says Scouts Can Exclude Scouts over Duty to God

By Joan Biskupic
THE WASHINGTON POST

WASHINGTON

The Supreme Court Monday permitted the Boy Scouts of America to exclude boys who refuse to express a belief in God. The justices rejected an appeal by a 10-year-old who was barred from a suburban Chicago Cub Scout pack after he said he was agnostic.

The justices, in a one-sentence order, left intact a lower court ruling that said the Boy Scouts are not subject to a federal law prohibiting discrimination in public accommodations based on race, color, religion or national origin. No justices publicly dissented from the order.

The 7th U.S. Circuit Court of Appeals, based in Chicago, had ruled that the Scouts are not a "place" of public accommodation and even if the nationwide organization were, it still would be excluded from the federal anti-discrimination law because it is a private club.

"It's dispiriting," said Richard Grossman, the lawyer for Mark Welsh, who was rejected three years ago for the Tiger Cubs. "He got solicited in his public school classroom. They said, 'Come and join the Boy Scouts. It's lots of fun.'"

Monday's high court order was the latest action in the Boy Scouts' effort to control its membership and

defend the Boy Scout oath that requires Scouts "to do my duty to God and my country." In each Scout program a boy recites a pledge appropriate to his age. The Tiger Cub promise begins, "I promise to love God."

In addition to complaints from atheists and agnostics about the oath, the Scouts have been attacked in court for excluding girls from membership and homosexuals from leadership positions. So far, the Scouts have not been forced to abandon any membership restrictions in a final court ruling.

Few federal laws cover clubs such as the Boy Scouts, and, therefore, most challenges to the organization's rules have been brought under state laws, which would not be affected by Monday's order letting the 7th Circuit's ruling stand.

Even so, the ruling from the circuit that covers Illinois, Wisconsin and Indiana, now is likely to be cited by the Scouts nationwide when anyone alleges race or religious bias under federal public-accommodations law. That statute does not apply to unlawful sex discrimination.

Some state courts have interpreted broadly written state public-accommodation laws to cover the Boy Scouts. In California, for example, the Scouts are appealing a ruling won by two would-be Cub

Scouts who do not believe in God.

The Boy Scouts say that the "duty to God" is central to the organization's mission: "If some members of a Cub Scout Den did not recognize a duty to God or other parts of the promise, it would destroy the group's unity," the Scouts' brief said.

In an unusual move for a winning party, the Boy Scouts had urged the Supreme Court to take Monday's case of *Welsh vs. Boy Scouts of America* and to use it to speak definitively about the Scouts' First Amendment rights "to form an association for the purpose of expressing, transmitting and reinforcing certain values and beliefs, including religious ones, and to limit membership to those who share those values and beliefs."

Lawyer George A. Davidson told the justices, "There are limits on the financial and administrative capacity of any volunteer organization to litigate these cases in forum after forum."

The 7th Circuit majority did not address any constitutional concerns after concluding that the Boy Scouts did not have to comply with anti-discrimination section of the 1964 Civil Rights Act on public accommodations. The court said the Scouts are not an "establishment" or a "place" of entertainment within the meaning of the act.

Frank Zappa Dies of Cancer

By Paul Feldman
LOS ANGELES TIMES

LOS ANGELES

Rock musician Frank Zappa, who rode to fame in the late 1960's as leader of the eccentric Mothers of Invention, died Saturday evening at his Los Angeles home from the complications of prostate cancer he had been battling for years. He was 52.

A family friend, Jim Nagle, said he was buried in a private ceremony in Los Angeles.

The prolific guitarist was one of rock's premier iconoclasts. In an era

of increasing commercialism, he never tired of composing, strumming, singing and philosophizing to the beat of a wildly different drummer.

Zappa's music was a frothy stew of 50's doo-wop, rhythm 'n' blues, experimental jazz and avant-garde classical strains — heaped high with perverse, often scatological, lyrics.

"People think of me as some kind of deranged comedian," Zappa once said in a magazine interview.

Yet his anarchic demeanor, and occasionally juvenile antics, were

counterbalanced by a increasingly strong sense of social commitment.

Zappa may have joked in his songs about raising dental floss in Montana and about the dangers of eating yellow snow. But by the mid-1980s, his long, stringy hair and floppy mustache had been manicured and he emerged as a leading voice for registering young people to vote.

In all, Zappa released more than 40 albums with the Mothers, symphony orchestras, jazz artists and as a soloist.

One Killed, at Least 20 Injured In Indian Train Bombings

LOS ANGELES TIMES

NEW DELHI, INDIA

Bombs rocked five express trains racing across India Monday, killing one passenger and injuring at least 20 others as the country warily marked the first year since the destruction of a mosque by a swarm of Hindu militants.

There was no immediate claim of responsibility for the attacks, but authorities had been bracing for violence linked to the anniversary of the razing of Babri Masjid, a 16th-century mosque, in the north Indian town of Ayodhya on Dec. 6, 1992.

A 60-year-old man was killed when a bomb, apparently hidden in the suitcase on which he was sitting, tore open a crater in a second-class coach of the New Delhi-bound Andhra Pradesh Super Express 20 minutes after it left the southern city of Hyderabad.

An explosion before midnight on an air-conditioned express train linking New Delhi to Calcutta injured two waiters. The Flying Rancee Express between Surat and Bombay, India's financial and business center, was rocked by a blast in a double-decker, second-class coach; one person was injured.

A train crossing the desert state of Rajasthan in west India on its way from Bombay to New Delhi was hit by a blast that injured four people.

Large Volcanic Eruption Won't Just Blow Over

LOS ANGELES TIMES

SAN FRANCISCO

U.S. and European scientists warned here Monday that mammoth volcanic eruptions have been occurring somewhere in the world on an average of once every 100 years, and when the next one strikes it is likely to cause enormous disruptions to modern life.

For example, were the Laki eruptions in Iceland in 1783-84 to occur today, the ash clouds could stop air travel on the most favored North Atlantic routes for months and cause tremendous crop damage in Europe, according to reports made on the opening day of the annual meeting of the American Geophysical Union.

For 30 years, since smaller eruptions near Bali, Indonesia, scientists have been measuring the effects of sulfur dioxide ejected by volcanoes on climate around the world.

Combining with water vapor, the sulphur compounds slowly change in the stratosphere into sulphuric acid and aerosols that can cool large areas thousands of miles away for two or three years and even contribute to depletion of the ozone layer.

It has now been established that such large eruptions as El Chichon in Mexico in 1982 and Pinatubo in the Philippines in 1991 can be responsible for reducing temperatures by 1 or 2 degrees in very large regions.

A Canadian researcher, Amir Shabbar, outlined Monday how five separate eruptions in this century — located from Siberia's Kamchatka Peninsula to the Caribbean apparently altered the weather in Canada, lowering temperatures by as much as 5 degrees in the eastern part of the country.

IT'S TEACHING ASSISTANT APPRECIATION WEEK!

If you're an undergraduate, you have TA's, and they work hard to help make your courses as effective as possible. This week, think about what they've done for you this semester, and let them know what you think. (try to be constructive...)

Graduate Student Council

If you're a graduate student, you've probably been a TA or you will be eventually. You may have TA's as well. Think about what you do that works and what would make your work more effective and/or easier next time you teach.

ACADEMIC PROJECTS & POLICIES COMMITTEE

Needs new members. If you think you might be interested, contact Assef Zobian, aazobian@mit, for more details.

GSC HOLIDAY PARTY is This Thursday, December 9 at 4 in the GSC lounge, 50-220. Lots of good food (no pizza!) and good cheer for graduate students. Free! We hope you can come by and meet the Council.

Would you like to help with **SPRING ORIENTATION?** New Graduate Students arrive in January and February as well as in September; you can help them find their way around. Contact the GSC at x3-2195 to volunteer.

If you'd like email about upcoming GSC meetings and events, send email to gsc-request@mit.

OPINION

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Graffiti Singled Out Gay Members of TEP

In the ongoing flame circus over the vandalism of Tau Epsilon Phi's sidewalk, I feel I've been relegated to the status of a mere afterthought. Who am I? A gay TEP, of course.

Everyone knows the story by now: the break-in, the vandalism in the house, the paint on the sidewalk. It seems everyone is arguing about it, too: What is more important, the break-in or the graffiti? Was the phrase on the sidewalk a homophobic slur or a witty rhyme? And why all the fuss, anyway?

Here are my answers. On the morning of Nov. 12, it was all bad. I woke up to find my home violated and vandalized. Furthermore, I felt I was being personally singled out in big yellow letters, as I am the gay member of TEP who has been "out" the longest. No one aspect was worse than any other. The only difference now is that the material issues of the break-in and our graffiti on the Harvard Bridge have been settled between TEP and Lambda Chi Alpha.

It seems the issue now being publicly argued the most is the content of the graffiti in front of our house. Let me again slip back to that morning. At the time, I didn't even notice what rhymed with what. It didn't matter what synonym had been chosen, be it "queer," "faggot," "homosexual," or "gay." All I knew was that someone thought it appropriate to set me apart for ridicule and intimidation. I find it difficult to believe that people cannot imagine themselves in my position on that morning, all politics aside. No, I wasn't too damaged to get on with my life, but I was very angry and frustrated at how little respect someone seemed to have for me as a fellow human being.

It seems no one yet knows what the actual intent behind the phrase was except for those directly responsible for it. Even if they saw it as merely a clever imitation of the Smoot marks, for me and for many others it holds a much more vicious connotation. Unlike your average nerd, your average queer still has to worry about being harassed or even bashed for being seen coming out of the "wrong" club, or for holding the hand of his or her significant other in public. With such fears in mind, how else can I be expected to interpret foot-high letters blazed in front of my home?

I trust that members of the MIT communi-

ty can see that such concerns go far deeper than just "victimization politics." My only agenda is to change things so that I do not have to put up with intimidation that any reasonable person would find intolerable. This is the point Gays, Lesbians, Bisexuals, and Friends at MIT has been trying to make as well, although many have obviously either missed it or ignored it entirely. I hope that this letter from someone most directly involved in the whole mess can bring some clarity and perspective to the issues being argued.

Thomas Lawrence '95

Rush Violations Show Lack of Respect

After reading "Living Groups Fined for Rush Violations" [Nov. 30], I was appalled by how the rush rules created by the Interfraternity Council and the penalties that IFC imposes on rush violations seem to be regarded as a total joke by many members of MIT's Greek community.

As a member of a sorority, it is my understanding that rush rules are created to promote the spirit of rush, and I am very disturbed by the fact that certain fraternities treat these rush rules as a nuisance rather than a necessity. Rush rules should not be looked upon as obstacles that need to be avoided or ignored in order to run a good rush; rather, they are created with the intent to encourage a fair rush so that all members of MIT's Greek community can benefit from rush without giving any unfair advantages to a particular fraternity or sorority.

Before rush, all members of MIT's fraternities and sororities are prepped extensively on the rush rules; every member of MIT's Greek community knows what the rush rules are, and most of the rush rules are common sense anyway. When members of a fraternity or sorority blatantly and purposely ignore the rush rules it shows that those members are either sadly ignorant or so insecure about their house's abilities to run a good rush that they need to resort to cheating not only the incoming freshman class and all other rushees, but also their own house and the entire MIT Greek community. The violation of rush rules also indicates an incredible lack of respect for all members of MIT's fraternities and sororities and makes a mockery out of the Greek system and IFC.

I also think that the penalties for rush violations need to be strengthened. Obviously the

finest and other penalties for rush violations aren't effective if some houses are paying the same fines for the same violations year after year. Fines of \$1,200 may seem like a lot to pay for rush violations, but in a house of 60 brothers, the fines are easily taken care of. It is also an insignificant amount if through dishonest tactics, the house is able to obtain the pledges that it wants, who will eventually pay back the money and much more in dues.

For those members of MIT's Greek community who have a warped sense of fair competition, there really is no reason for them to follow the rush rules. Penalties for rush violations need to be made more significant and more appropriate; for instance, social probation or having to start rush a day late. The penalties should put the offending fraternity at the disadvantage that it put other fraternities at by cheating during rush.

Although I feel that the penalties for rush violations need to be strengthened, these penalties wouldn't even be necessary if all members of MIT's fraternities and sororities respected the rush rules. It is unfortunate that rush at MIT is criticized by many because of its tendency to resemble a mass meat market rather than a way for freshmen to find their home away from home. Members of MIT's fraternities and sororities should work together during rush to change that kind of negative thinking. The flagrant disregard of rush rules that is often exercised during rush not only contributes to rush's bad reputation, but also detracts from the integrity and friendship that should be the hallmark of MIT's Greek community.

Audrey C. Wu '96

Demonizing Rushdie Disgraces Islam

I am writing as an Iranian and as someone who was raised in a Muslim community to protest the exclusive definition that has been given to Muslimhood, and to create a space for myself and others like me, in regards to Salman Rushdie and MIT's honoring of him.

As a Muslim, I find the intolerance and the sense of outrage of certain other Muslims in regards to this issue, both in private and public, as degrading to both Islam and the Muslim culture I have come to cherish as part of my identity.

Religions themselves have come about through dissenting people who have had the

Letters, Page 5

Other Diseases Overshadowed by AIDS

Column by A. Arif Husain

STAFF REPORTER

In the wake of World AIDS Day, a nationwide commemoration of HIV victims, it may seem that AIDS has become an unbeatable threat. For years we have been hearing the tragic stories of victimization. We are constantly barraged with statistics. We are told that millions have died, and hundreds are infected every hour. We are told to wear red ribbons. We support the idea of finding a cure, and we spend millions of tax dollars in the process. We are made to think that AIDS is a killer — not just any killer, but the greatest killer. I refuse to believe it.

While it is true that AIDS is a serious matter, it hardly lives up to its inflated image. Every year tens of millions of people across the globe die of cancer, heart disease, cholera, and a host of other afflictions. The death toll of each of these far outweighs that of AIDS. Yet, surprisingly, we invest far more effort

and money in AIDS research and awareness than we do in any other disease. The explanation for this lies not in its nature, but in its social context.

Most diseases these days can be attributed, at least in part, to some environmental cause. We know, for example, that smoking leads to lung cancer. Similarly, we know that an active lifestyle and a good diet help prevent heart disease. For the most part, we can reduce our risks tremendously by following certain guidelines. We know what is safe, and we try to adapt.

When it comes to AIDS, however, we are stuck. We know that HIV is transmitted through bodily fluids, making sexual activity its major distributor. But unlike the other cases, the guidelines derived from this are much more difficult to follow. Our society has become so attached to its promiscuous behaviors, that even the threat of a painful, lingering death does not sway these habits. We continue

our practices and we continue to cope with the perpetual fear of AIDS.

Realizing this, it is not hard to see the rationale behind our nation's infatuation with AIDS. With no feasible preventative measures available, complete abstinence notwithstanding, we have developed a frustration. We attempt to quench this frustration with attention. We somehow think that by wearing ribbons and knitting quilts we are helping the situation. Instead we are concealing the true nature of the disease in a landfill of worthless propaganda.

Yes, AIDS is a killer. But it is only one of the innumerable afflictions that convolute the state of life. We should not compromise the lives of millions by diverting scarce resources towards what is popular. I hold a deep sympathy for the victims of AIDS, but I refuse to allow a silent majority to suffer at their expense.

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Managed Health Care Not An Insurmountable Hurdle

Guest Column by Brooks Mendell

The Clinton health care reform plan has ingeniously mated universal coverage with an insurance company preservation plan. In contrast, those who prefer the single-payer plan, a system of government-financed national coverage, would like to see insurance companies go out of business. That's un-American. In fact, it's Canadian. Like most Americans, I love my insurance company. Do you know Lloyd of London? He's a good friend of mine.

The Clinton Plan hopes to make consumers conscious of their care's true cost and, by fostering competition, to cut expenditures and offer better service. If competition does not drive down costs, mandatory ceilings on the growth of insurance premiums would aim to keep total spending in line with the growth of the economy.

According to Marcia Angell, the *New England Journal of Medicine's* executive director (and no friend of mine), "It is highly doubtful

that managed competition could contain costs while maintaining quality." Angell seems to think that these plans might collude to raise prices instead of competing to lower them. And if they did compete, they could do so by stinting on services.

In supporting a single-payer system, Angell and the *New England Journal of Medicine*, 90 representatives and six senators, the Consumer's Union and Ralph Nader's Public Citizen, the American Public Health Association, and 5,500 members of Physicians for a National Health Program show a clear disrespect and disdain for insurance companies. After all, without insurance companies, we wouldn't have insurance.

The goals of universal health care are simple: guarantee every American basic health insurance, and control health care costs. Freedom of choice is secondary. Yes, when you join a managed care plan, you may have to switch doctors and choose from a small group selected by administrators. But understand

that managed care isn't profitable without administrative efficiency, so plans can't deal with too many doctors.

Under the current system, insurance companies profit by skimming a percentage off the top of all health care dollars, kind of like a casino. Just last year, the highest paid executive in America and a good friend of mine was Thomas Frick of the Hospital Corporation of America, who earned \$127 million. That's a lot of surgical tubing.

In the Prudential Insurance Company's 1993 newsletter, Bill Link, an executive vice-president and a good friend of mine, wrote "for [Prudential] the best-case scenario for reform — preferable even to the status quo — would be enactment of a managed competition proposal." As you can see, the pioneering spirit of corporate America will lead our citizens to the universally insured promised land.

There are good reasons to favor managed

care: You love your insurance company; you think the government might be up to enforcing some rules, but not up to actually managing anything; you think health care is something you can and should shop for, like cars or soap.

Those favoring a single-payer system offer these reasons: You care more about choice and simplicity than the preservation of insurance companies; you think the government of the United States might be able to administer something as well as the governments of Canada or Germany; you think health care, like schools, soldiers, fire trucks, and roads, is something to be publicly provided, not marketed.

People who favor the single-payer system want to reinvent the wheel. Get rid of insurance companies? No way. Currently, I'll admit, we have a hobbled system. But with managed care we can fix it. My insurer-friends will lead the way.

Letters To The Editor

Letters, from Page 4

courage to claim a space of their own, no matter what the price. Islam is no different and it is this aspect of it that I take pride in. The community I was raised in also taught me to think before I react (hilm), to give room to different interpretations of reality (Sufism), and to empower myself not through silencing others, but through giving voice to myself. It is these qualities that as a Muslim, I appreciate in Rushdie's writings and applaud MIT for honoring.

Naghmeb Sohrabi '94

Use Bush Fund To Rescue CEG

In these days in which the Vannevar Bush '16 Fund's uses are a matter of heated-debate, I wish to propose a use which could be given to a part of it. *The Tech* has recently exposed the danger of extinction which the Course Evaluation Guide faces. I believe the guide is

very useful in choosing courses and essential as an evaluation of individual professors' and teaching assistants' performances. I therefore propose using part of the Undergraduate Association President's fund to pay for at least minimal salaries for the students who work in the preparation of the guide. I know that there is some money currently allocated to that purpose, but it is evidently not enough. A monetary compensation might allow interested students who need the money and are therefore working elsewhere, to work in the preparation of the guide instead. This useful resource to the MIT community might then be saved and the UAP would be able to show the student body that he cares.

Alejandro Backer '96

Tewhey Issued Charges On False Claims

Having just read Mike Miles' letter ["Tewhey Deserves What Is Receiving," Nov. 30], I felt I had to add my voice to his in

expressing disgust at Tewhey's double standard of "justice" at MIT (that he shouldn't be treated by MIT as he treated students).

In April 1990, I swung by a dormitory to pick up a friend who was attending a party there. While at the party I was knocking on a student's door (a girlfriend of a friend of mine) so that I could say good-bye to her boyfriend, who was staying with her. She did not want to answer her door because he had passed and she feared he would return to it if she let me in. While I was standing outside the door, another party-goer on his way to the bathroom stopped and said, "That's not how you do it" and proceeded to bang on the door very loudly. He then continued on to the bathroom at which point the resident opened the door and accused me of smashing it. I tried to explain, but she slammed the door and I left.

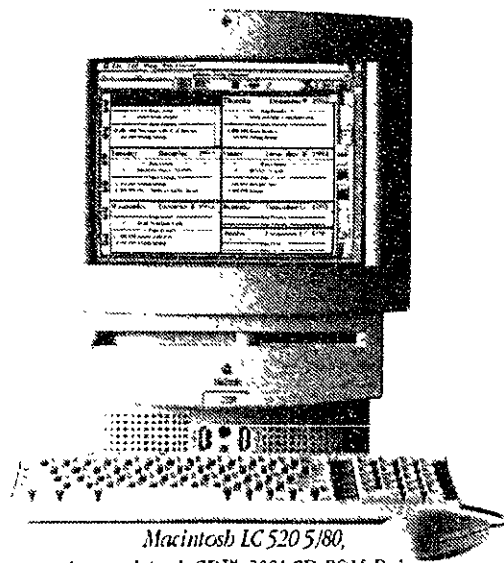
I later received a letter from Tewhey informing me I was now "persona non grata" at MIT and would be subject to arrest if I entered a dormitory. The grounds of this notice was that I had damaged the door. After calling around, I was able to find out that a

friend had been the occupant of that room the year before and had personally caused the damage that I was accused of causing. I visited Tewhey and explained the situation. I offered to have him meet with the individual who had banged on the door and with my friend who had damaged it. He got angry at this point and began accusing me of sexually harassing the woman who lived there. I did not understand his attitude but eventually got him to agree to look into it. He never returned any of my calls, letters or electronic mail after that point.

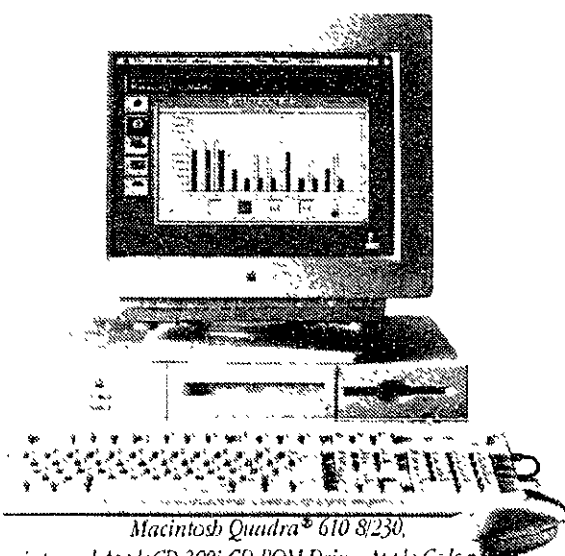
I have subsequently stopped contributing to MIT financially. I am now the founder of a growing business that is heavily staffed by MIT alumni and I will do all in my power to make sure that it never gives any donation to MIT or matches any contribution an employee makes until Tewhey's ruling is overturned. In the meantime I will delight in every bit of news I hear of dismay and distress that Tewhey must endure.

Art Mellor '85

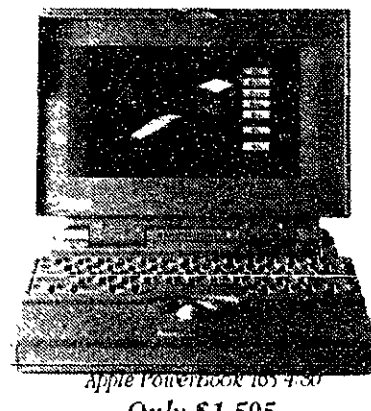
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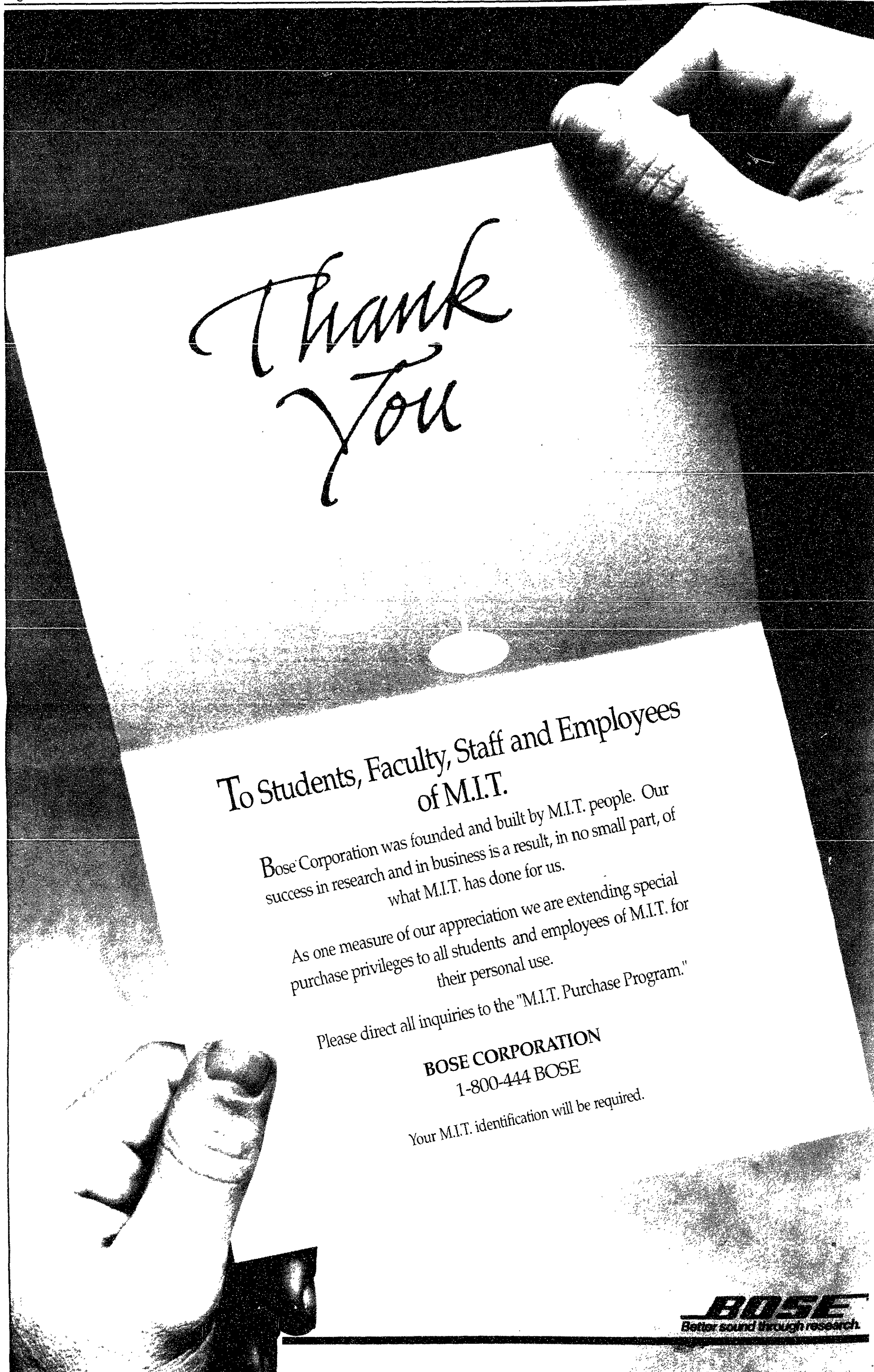
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MIT CONCERT CHOIR

*Bach's Mass in B minor.
Conducted by John Oliver.
Kresge Auditorium.
Dec. 3.*

By Thomas Chen
STAFF REPORTER

John Oliver's reputation precedes him. With prestigious credentials from the Boston Symphony Orchestra and the Tanglewood Festival he seems well-suited to the job of molding an group of amateur singers into a responsive singing ensemble.

Oliver and his MIT Concert Choir were joined by soprano Margaret O'Keefe, mezzo-soprano Eleanor Kelley, tenor Richard Clement, and baritone James Kleyla in a performance of Bach's *Mass in B minor* at Kresge Auditorium on Friday night. With an unnamed (or uncredited) orchestra, Oliver and his singers produced a professional-sounding performance of the great baroque work that could just as well have been rendered in Symphony Hall.

Unmistakably the cornerstone of the Baroque choral repertoire, the B minor Mass began humbly as Bach's petition, dated July 27, 1733, to the King of Saxony for the position of Court composer. It is difficult to believe that Bach (1685-1750) actually envisioned the Mass as we know it from the time he started writing the first sections. Many parts of the Mass were probably written as late as the 1740s. Moreover, Bach had no qualms about copying some of his previous compositions and reworking them into the Mass. For example, the Agnus Dei is borrowed from an aria in the cantata "Lobet Gott in seinen Reichen."

Given the varied nature of the B minor Mass, it is equally unlikely that Bach ever intended the whole Mass to be performed in one sitting. However, as modern performances go and with all the richness of the music, this mass is a monumental two-hour delectation for any listener's ears.

The first thing I noticed about the Concert Choir was that the chorus was huge — almost gargantuan in proportion. Having been musically educated in the "period performance" school of thought, I was at first skeptical that even Oliver would be able to direct such a large group of amateurs. The opening Kyrie assuaged any doubts I had, however, as the orchestra and chorus commenced precisely on the mark with resounding confidence.

Throughout the performance, the chorus maintained a high level of tonal homogeneity, even in the faster movements like the Cum sancto spiritu at the end of the Gloria section. Probably the most significant accomplishment was the eight-part Osanna in the Sanctus portion of the Mass where the chorus is required to divide itself in half. Through all the twists and turns of Bach's contrapuntal style, the chorus beautifully negotiated each passage, certainly communicating the grandeur and scale of the Mass.

The professional soloists all had their opportunities to shine, but the Mass itself seems to favor the soprano and mezzo-soprano. O'Keefe and Kelley nicely executed their solos and duets. Though I felt a bit of tightness in Kelley's voice, the two voices were stylistically matched and pleasing to hear.

Clement and Kleyla were also satisfying in their solo roles, both producing a nicely projected and beautiful sound. The most trouble I had was with Kleyla's phrasing, which seemed unnatural — mostly in the earlier parts of the Mass. It seemed to stutter at certain points, daring the orchestra to stay with him. I never actually observed any departures from the score, so my difficulty with Kleyla's phrasing is probably interpretational.

Given Oliver's esteem, his conducting abilities hardly need to be argued. I did appreciate his decision to split the first and second violins into two groups. This separation of violins provided a nice clarity to some of the

counterpoint within the music. The only surprise was in the Benedictus where my score calls for a solo violin; this performance featured a solo flute instead. Given the span of time over which the Mass was written, it is likely that some editions ask for a solo violin and others ask for a solo flute — either way, a minor point.

The orchestra presented some fine soloists like its concertmaster, first oboist, and its exceptional first flutist. Also notable was the excellent continuo ensemble of the first cello, double bass, and organ.

Oliver's masterful account of this high Baroque choral treasure has me in great anticipation of his next performance. I am told that the Verdi Requiem is slated for performance in the spring. We are all quite fortunate that a high-quality musician like Oliver can bring us the greatest choral piece of the Baroque era in one semester, followed by the greatest choral piece of the late Romantic era in the next.



The MIT Concert Choir performs in Kresge Auditorium Friday.

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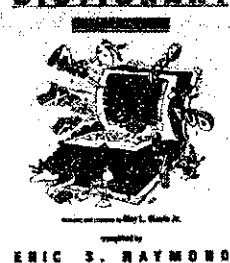
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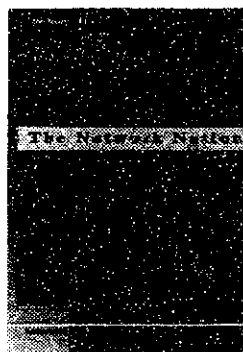
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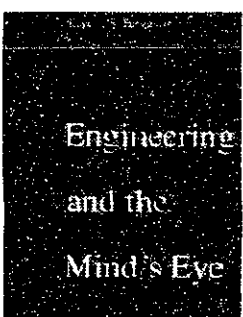
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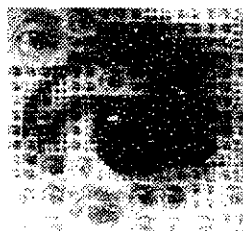
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Artists break boundaries with experimental theater

AN EVENING OF DANCE AND SHAKESPEARE

Featuring music and theater arts dance classes and the Shakespeare Ensemble. Kresge Little Theater. Dec. 3 and 4.

By Scott Deskin
ASSOCIATE ARTS EDITOR

In an effort to diversify and/or push the limits of theatrical expression, various dance classes joined the Shakespeare Ensemble for a relatively loose, free-flowing evening of performances. The general format of the show alternated a dance number with a selected scene from one of Shakespeare's plays. Although at times the concept of this presentation failed to cohere, the variety definitely was enough to hold one's interest.

The evening began with a "Pre-Show

Show," with members of Choreography and Improvisation (21M780) performing a series of whirls, prances, and assorted sprints across the stage to the unconfined melodies and rhythms of pianist and bassist John Funkhouser. This trend of experimentation in sound and movement continued in the self-explanatory dances "Order and Chaos" and "Improvisation."

Perhaps the most disturbing act of the show came relatively early, with a few women from 21M780 performing "Sedoyehzahn/Womanvoice." It was a stark but well-choreographed performance which seemed to convey the fear of feminine expression against a hostile world.

The dancers' expressions were joyless and disturbing: Their movements were mechanical and suggested an outside force inhibiting their expressions and covering their mouths. The overall effect of this sequence, along with the

disquieting music, left the audience transfixed.

Other dance groups employed a much different approach. More traditional dance numbers, combined with more upbeat musical selections played by the Kronos Quartet, had a more polished feel. "Pasture" and "Celebration" (the latter a solo dance by Brooke Shipley G) restored the order and positive feeling that were more diffuse in Choreography and Improvisation's dances.

Also, tap dancing was well-represented by a quintet of dancers in "Boogie Woogie Stomp" and "Patchwork Rhythm." Although they had an over-choreographed feel, both tap numbers elicited the appreciation of the audience and were quite enjoyable.

What tied the whole evening together, however, were sharp performances by members of the Shakespeare Ensemble. The highlights of the brief sketches were segments from Much Ado About Nothing: the witty but

casual rapport between Anne Dudfield '95 as Beatrice and Albert Fischer '94 as Benedick was highly entertaining. And if the overt proclamations of love seemed a little forced in the reading from Troilus and Cressida, the humor of vengeance found in the characters of The Merry Wives of Windsor was especially gratifying. Although the performances en masse were not without their flaws, the sincerity of each performance more than made up for any shortcomings.

This experiment in theater and dance was a novel one, and the verve that each performer invested in the venture paid off. Anyone who is turned off by this concept should think twice before committing to a "safe" entertainment alternative. Hopefully, there will be similar enterprises in campus arts performances in the near future, a sure sign that the arts at MIT is a living entity that is not afraid to take risks.

Sundaram, Senders plays classical music with a twist

THE SUBLIME STIMULANT

New Ensemble Music. Original chamber compositions by Warren Senders. First Congregational Church. Dec. 3.

By Ann Ames
ARTS EDITOR

It is unfortunate that the word "fusion" and the phrase "East meets West" have become clichés for describing any music with the barest hint of cross-cultural flavor. There is no other way to describe Warren Senders' music than as a synthesis of Indian and Western traditions, yet to do so in common terms seems a compromise of the music's integrity. This is no pretentious attempt at following the popular multicultural trend. This is real, despite all the efforts of the Senders concert experience to encourage disbelief in the validity of his musical credentials.

Friday's performance took place in a small auditorium in the First Congregational Church outside Harvard Square. With a fat Christmas tree on the tiny stage and a table of cider and cookies at the side of the room, the setting seemed more appropriate for an elementary school play than for an exhibition of serious chamber music. Before the program began,

Senders came out onto the floor of the auditorium to make a joke about the typical tardiness of musicians and assure the audience that they would nevertheless be finished playing in time for the new year.

Every time he spoke it was with this same familiar, frenetic, vivacious style. Had he stated that he was a comedian and the billing of this show as a musical event was merely a ruse to lure people into attendance, it would not have been much of a surprise. But when he and his wife, Vijaya Sundaram, began the first piece, *Alap in Raga Bageshri*, the veil of jocularly lifted to reveal true sensitivity and devotion to this art form.

The lyrical melody of the alap, a traditional introduction to performances of Hindustani music, slipped in gentle contrabass notes over a tamboura's drone to create a musical open space of relaxation and introspection. It wiped the mind's slate clean in preparation for an evening of education, as well as entertainment.

Listening with a novice's ear to Indian music played on Western instruments forced an attentiveness that more common types of music don't inspire. The juxtaposition of familiar timbres and foreign tonalities is truly a shock to the ear, but one that makes itself evident only in retrospect. Each musical event passes into the next with intoxicating ease. Only afterward does it occur to the listener-in-

training that in *Vest Pocket Mazes*, for example, he has just heard two violins accompanying each other's melodic lines with a drone or ostinato figure. And this piece introduced a stunning device that was to return often throughout the evening: The instruments wove in and out of sweet unisons that clarified and united all other notes of the music.

A surprise of a different kind was the inclusion of trombone in two of the evening's works. In *The Web of Departure*, a modified string quartet of two violins, cello, and contrabass played minimalist accompaniment to a trombone soloist, who seemed perfectly at home in the rhythms of his Indian melodies. It offered the heaviest moment of the concert in an ominous trombone cadenza, the first time that the subtle and pervasive serenity of Senders' music was broken. But in comical contrast a pizzicato line in the violins and cello lifted the mood gently from its depths and the trombone was soothed to gentle melody.

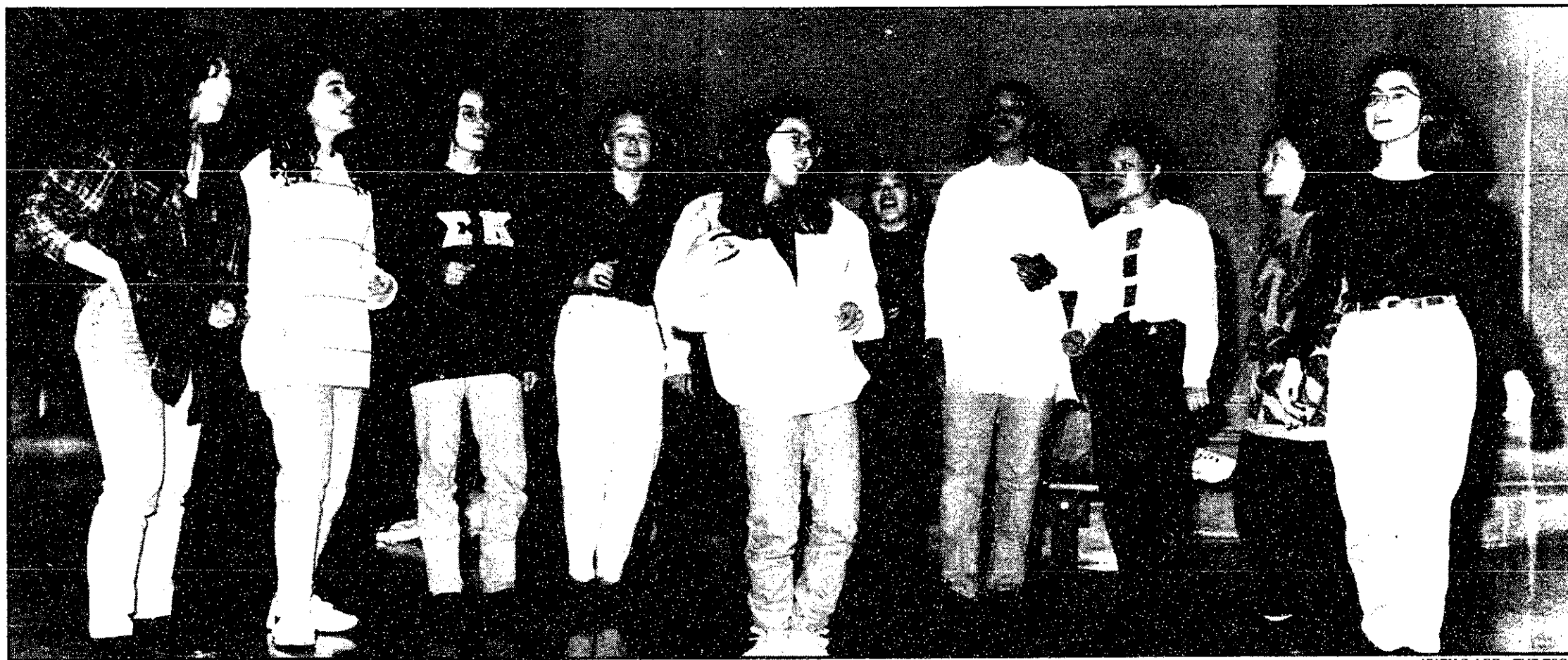
Yes, *No, Maybe?*, a trombone duet, offered still more surprises. Beginning in the style of a Gabrieli brass choir, it became alternately a suitable accompaniment to a circus act and a wailing blues. As Senders' "response to the felicitous combination of profundity and humor intrinsic to the sound of the trombone," this piece showcased the talents of its per-

formers, Bob Pilkington and Jim Messbauer, for whom it was written, without becoming a mere forum for virtuosic strutting. It remained, through all the melodic antics, a work of art.

Each of the six other pieces on the program added another dimension to Senders' unique musical personality. A three-movement trio for flute, cello, and piano entitled *Native Places* expressed his feeling that "the only real native place that I have — that any musician has — is music." It incorporated a variety of Indian and Western devices, including several beautiful passages in which the cello became a faint mahogany echo of the piano.

To close the program, Senders sat on the edge of the stage with his guitar and, with the warmth and humor he had shown all night, sang a simple song. Offered as a personal confession and documentary of his musical travels, he sang: "Although it doesn't pay too well I really think my life is swell/And frankly I'm a truly happy man."

Unfortunately, this was the last time Senders and Sundaram will be heard performing in America until 1995. They will spend the next year in India, studying 9-12 hours a day in rigorous Hindustani tradition. But mark your calendars now for their return; such serene stimulation is worth the wait.



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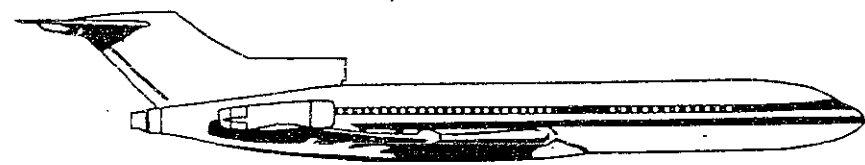
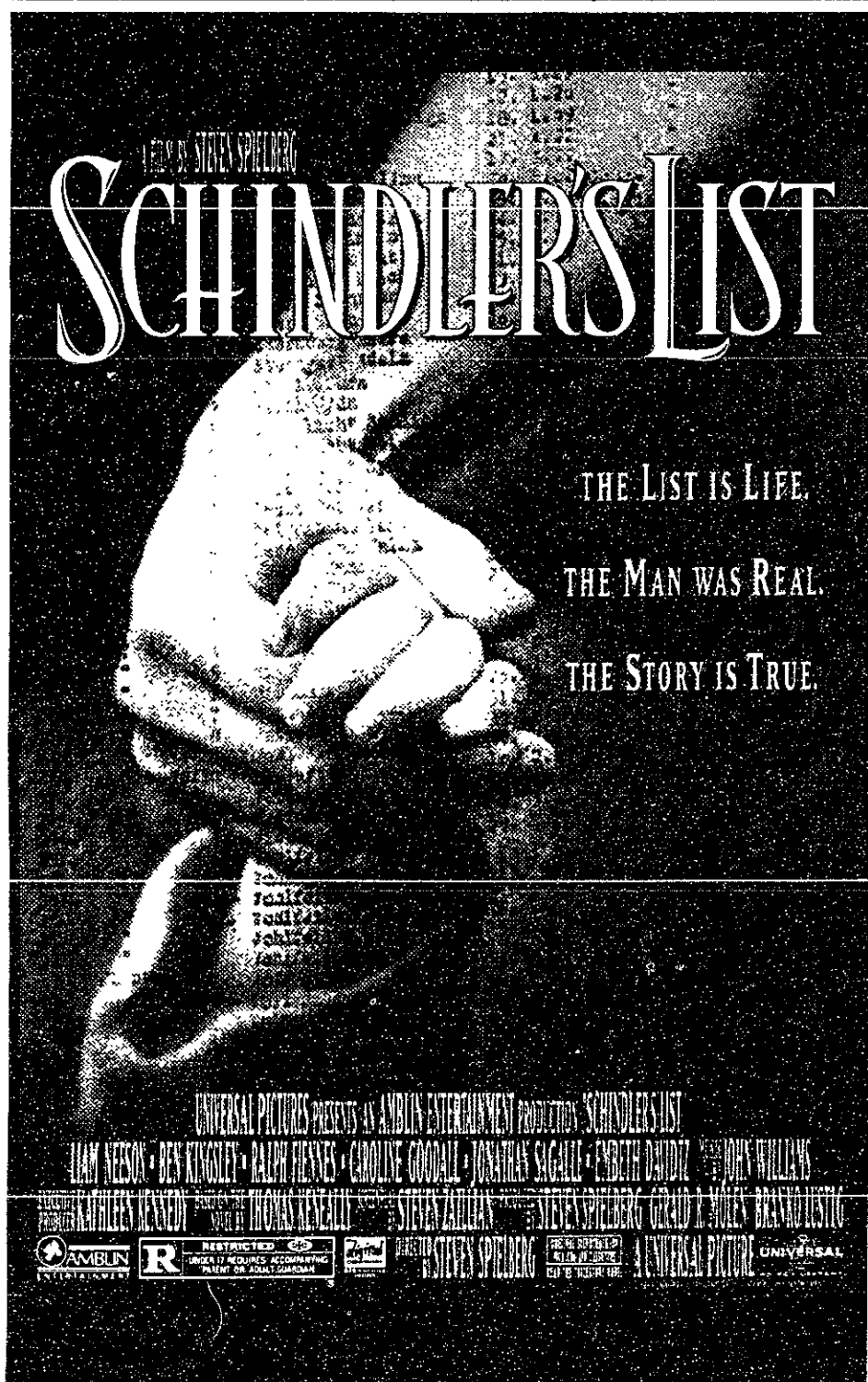


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Research Funds Cut by Budget

 By Vipul Bhushan
NIGHT EDITOR

Graduate student admissions will decline over the next decade as a result of anticipated changes in the way graduate tuitions will be billed, according to the recently released report of the Committee on Indirect Cost and Graduate Student Tuition.

The changes will directly affect the cost accounting associated with research assistants, who now account for over 40 percent of the over 5,000-person graduate student body.

Under the current rules, an indirect cost charge is levied against all research sponsored by outside sources. The portion of such grants earmarked for salaries, including RA stipends, is also charged for the employee benefits pool. In turn, funds are taken from this pool to pay the RAs' tuition to the Institute. This is the only employee benefit RAs receive.

Under the new Office of Management and Budget rules, RA tuition would be charged directly to the research grants. Tuition would not be subject to indirect cost charges or EB pool levies. RA stipends would be only subject to indirect cost charges.

The new regulations are expected to take effect in July 1998. MIT applies these federal rules to corporate-sponsored research as well, according to Frank E. Perkins '55, dean of the graduate school. Because RA tuition will not be charged to the EB pool, the overall EB rate will go down.

Under the new rules payment of RA tuition will be redistributed, making RAs more expensive to many research groups. The effect will be most pronounced in small research groups with many RAs, which receive more in tuition assistance than they contribute to the EB

pool.

Large research groups with relatively fewer RAs will feel the cost of research decrease as their savings from reduced EB pool contributions outweigh the extra tuition payments they will have to make.

"Using the EB pool is an accounting mechanism to funnel money to the Institute, which is then used to offset graduate studies," said Anand Mehta G, Graduate Student Council representative to the Faculty Policy Committee.

According to the report, one significant and direct consequence will be to remove \$13 million that Lincoln Laboratories contributes to the EB pool. This has been used to support on-campus graduate student tuitions.

There has also been much debate about whether to charge graduate students the same tuition as undergraduates, and whether RAs should be billed for tuition at all, according to James J. Culliton, vice president for financial operations. But billing them helps Institute financing, he said.

Small groups disadvantaged

The report recommends increasing the fraction of tuition charged to research grants from the current 40 percent to 55 percent. The other 45 percent of tuition would be made up by a \$13.5 million infusion from Institute general funds.

The number of RAs would also decrease by 10 percent. In all, this would increase the cost of hiring a research assistant from \$33,000 to \$37,000.

Perkins said that research groups might respond in different ways to the rule changes, and some might hire more post-doctoral fellows at the expense of RAs. MIT has made a concerted effort to keep the cost of postdoctoral fellows lower than the cost of RAs, Culliton said.

Perkins emphasized that there was no deliberate decision to reduce the number of graduate students at MIT, but that it was a consequence of other factors.

Provost Mark S. Wrighton said these accounting changes were "a non-issue for graduate students in the short run."

The drop in the number of students "won't be precipitous, nor will it be driven by central policy," Wrighton said.

Graduate students echoed this sentiment. "I need not be concerned," said Ulrich Knirsch G, although "we should be represent the interests of graduate students in 10 years."

Culliton envisioned no major impact on teaching assistants, since they are funded differently through department budgets.

The changes in the size of the graduate school are not a problem by themselves, Perkins said. However, it may become a concern "if it shrinks because of declining support or accounting rules."

The number of graduate students at the Institute has fluctuated in the past and has grown substantially from 3,328 in 1973, when loose departmental quotas were lifted, Perkins said. There are currently 5,278 graduate students.

GSC Vice President Christopher M. Gittins G praised two other recommendations made in the report. First was a suggestion to reexamine existing agreements which have exempted many funds and research units from indirect cost contributions.

Second was a recommendation that MIT explore the possibility of procuring Lincoln Laboratory support for on-campus RAs whose research is consistent with Lincoln's efforts. This would recover some of

Costs, Page 13

ATTENTION!

Student Activity Leaders

Upcoming ASA ExecBoard Actions:

SPACE ALLOCATION

Activities wishing to gain/retain office space should read the new policy and submit a Room Request Form by the last day of classes (December 9). Groups currently holding space are not exempt and need to fill out the form.

DERECOGNITION

This IAP, the ExecBoard will derecognize all activities for which we do not have current information (Spring 1993 or more recent). To update your information, fill out a Re-Recognition Form before you leave for break.

Copies of all policies and forms are available in the UA office w20-401. Questions? Call us at x3-7984 or email us at: asa-execboard@athena.mit.edu

Sangam Sponsors Discussion on Babri Masjid

By Pradeep Sreekanthan
ADVERTISING MANAGER

Over 200 students attended a panel discussion Friday on "India: One year after the demolition of the Babri Masjid." The event was sponsored by the Indian Students' Association and moderated by Professor of Political Science Myron Weiner.

Mukund Modi, the President of the Overseas Friends of the Bharatiya Janata Party, the largest opposition party in India, spoke for the Hindu nationalists. Amartya Sen, a renowned professor of philosophy and economics at Harvard University, and Sanjoy Hazarika, a reporter for the *New York Times*, presented the views of secularists.

Weiner traced a series of events culminating in the demolition of the mosque, even as Hindu nationalism was becoming an important political force in India.

On Dec. 6, 1992, a large crowd mobilized by Hindu nationalists demolished the Babri Mosque in the town of Ayodhya, setting off a wave of riots in the country. The mosque was built in 1528 by Babar, the founder of the Moghul empire, reportedly on the site of a temple marking the birthplace of Lord Rama, an important Hindu god.

Weiner asked why Hindu nationalism, or Hindutva, was sweeping the country, and replacing civic nationalism, or secularism. He suggested that many people "were drawn to the idea of Hindutva, not because of any religious beliefs, but because to so many Hindu nationalism seemed to be a solution to increasing national divisiveness."

Weiner said he saw the proponents of Hindutva, including the BJP, as "clearly nationalists, and not fundamentalists." The tide of Hindu nationalism, however, seems to have been stemmed with BJP setbacks in recent elections in three of

four states that it controlled.

It is still unclear that people are seeking alternatives to Hindutva, Weiner said. The implications for other political parties are also unknown.

Hazarika perceived the temple demolition as "well-directed and planned operations." The destruction brought on an unnecessary front of hostilities to those that already existed in Indian society, and while political religious violence is not new, the recent election results show a revolt against such organized violence, he said.

According to Modi, Hindu nationalism is "a movement from below" involving one of the largest masses of people in history. Modi maintained that the BJP is a secular party, not anti-Muslim. He also said that it is committed to the ideals of pluralism and democracy in Indian society, and favors economic liberalization.

Although Sen disagreed with the BJP's identification with issues, he agreed with their questioning of unequal laws in a secular country. He views the proponents of Hindutva as Hindu sectarians, who are but

a minority themselves. He called for the basic issues such as poverty and illiteracy to be addressed rather than to conduct religion and caste-based politics.

While the panelists disagreed in their perception of events, there seemed to be agreement about the "terrible reporting of India in the United States." The lack of information was criticized, as well as the observation that the media mainly featured news about disasters. Sen added that he relied on publications from Europe to present him better

reports.

Uday Jhunjhunwala '95 said he was "highly impressed by Prof. Weiner's opening comments."

Responding to why this panel was put together, organizer Sankar Sunder G said, "Only in academic institutions can such contentious issues be addressed in a civilized manner where all sides of the issue are represented."

Rahul Garg '96 felt that this was an impressive effort by Sangam and would like to see more of these discussions.



Mukund Modi (far right) addresses the audience as Sanjoy Hazarika, Amartya Sen, and Professor of Political Science Myron Weiner look on at Friday's panel discussion on "India: One year after the demolition of the Babri Masjid" in 10-250.

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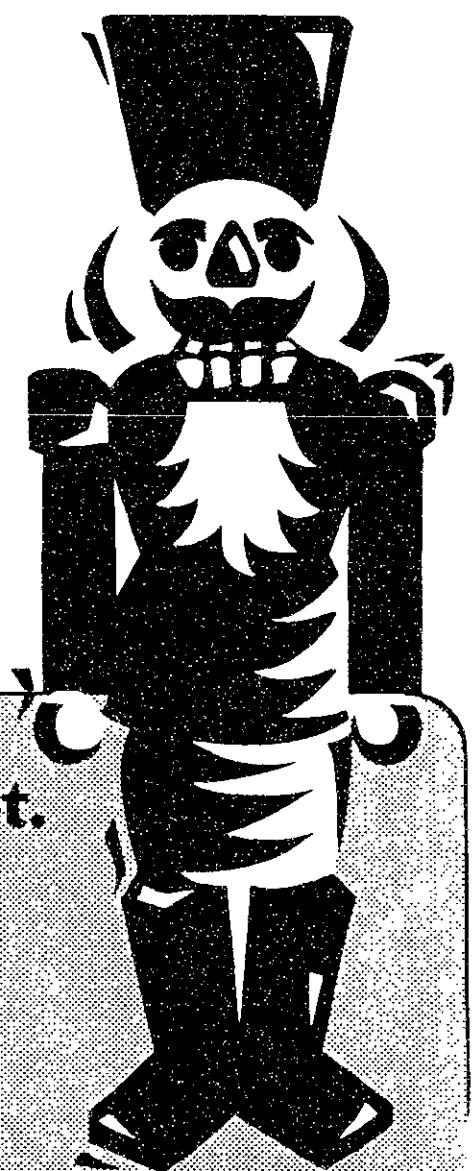
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Gaggle Cops Tech's 114th Managing Board

SPECIAL TO THE TECH

Security was tight outside *The Tech* offices on Saturday afternoon: State Department agents and CIA operatives stood guard as outgoing Chairman Matthew H. "182 Countries, 182 Columns" Hersch '94 returned to *The Tech* for the election of its 114th Managing Board.

Hersch had been living in hiding since a death sentence was issued for him by the government of Singapore for a column he wrote about that country's human rights violations. Since the column appeared, Hersch has changed majors twice and lived in basement Athena clusters, moving only when his Kerberos tickets expired.

The board remained mired in a foreign policy quagmire as it considered candidates with strong ties to Ireland and Hong Kong to be

Hersch's successor. Evidently the board felt recent developments in Ulster signaled greater stability there than in soon-to-be-Chinese Hong Kong, and thus elected Jeremy "Already on my second beer" Hylton '94.

Hylton promised to focus more on U2 and Guinness and leave editorial duties to the new Editor in Chief Eva "Squeeze Box" Moy '95. In an effort to attend classes and sleep at least six nights a week, Moy has arranged to completely digitize her life and sleep only on the rising edge of the clock.

Moy was elected on the same clock cycle as her accomplice, Executive Editor Sarah Y. "Not write all the stories?" Keightley '95. The couple introduced the Moy-Keightley Pre-Nuptial Power-Sharing Plan.

Keightley, sacrificing yet another year's worth of Strat's Rat concerts, promised to assist Moy by single-handedly writing every third issue. Sensing a the possibility overload for Moy, Hersch arranged for a week-long stay in a Swiss mountain retreat over the summer months, when she will hand the reigns of power over to Keightley and retire to Executive Editorhood.

Emerging next from the Devil's Playpen, Benjamin A. "Don't take this personally" Tao G strengthened his iron grip on the business office and was elected to a second term as Business Manager. Tao was elected just one month after preventing the Business Manager's salary from being cancelled, but sources close to Tao said his real motive was to maintain his position above the new business staff.

Rounding out the East Asian power ring, Michelle "Freestyle" Sonu '96 brought Korea into the Security Council of *The Tech* as Managing Editor. As the Board discussed Sonu's willingness to slave in the production shop, Hersch dis-

played the literary and poetic prowess he has developed in hiding, sending Sonu "into the gorge of eternal peril."

As the election of the Executive Board drew to a close, the security perimeter was breached by UA Finance Board officers trying to smuggle secret Bush Fund receipts into *The Tech* offices. Concerned about the long-term safety of Hersch and the possibility of IRA bombing attacks, the Board elected CIA operative Hyun Soo "Secret Agent" Kim '96, disguising her as a news editor. Kim promised to maintain her cover by regularly news editing issues.

Narrowly escaping capital punishment, Mike "Easy, Easy" Chung '94 was instead sentenced to another term as Opinion Editor. He promised revenge by replacing all editorial comics with Jim's Journal.

Jousting for the title of Knight Editor, Garlen C. "Where are my shoes?" Leung '95, "Mother" Teresa Lee '96, and Matthew E. "Origami" Konosky '95 all rode to victory. The Three Musketeers rode into the late hours of the night driven by the motto, "All for one, and one for prod munchies."

Fleeing the position of sports editor with the speed of a fresh spring zephyr, Ann Ames "Street" '94 was elected arts editor. Joining her at the arts desk will be J. Michael "Pick a name" Andresen '94. Andresen could not be present, but was instead channeled his presence through Hylton.

Also absent from the meeting was Photography Editor Josh "My lens is bigger than yours" Hartmann '93. Hartmann, who was hobnobbing with James Russell Wig-

gins ".mit.edu" and Katherine Graham, was re-elected to a solo term of sniffing chemicals in the *Tech* darkroom.

Pradeep "Hoser" Sreekantahn '95 was elected to the post of Advertising Manager, largely on because of his promise stop giving Hewlett-Packard and IBM the student discount rate. Sreekantahn, though, sent shivers running down the spines of *Tech* softball aficionados when he suggested that the Wild Turkeys enter a summer cricket league.

As the meeting drug on a cruel eternity, the Managing Board considered supplicants to enter the Wasteland of *The Tech*, the land of Contributing Editors.

Recently freed from the shackles of assistant news editorship, Eric "Meister" Richard '95 was granted entrance, along with Hersch and "General" Yueh Z. Lee '95. Lee, who suffered a crushing defeat to enemy forces at the Battle of Rushdie Photos, was rewarded for his bravery with an honorable discharge from the position of Photography Editor. Rounding out the entrances into the Wasteland, Vipul "Speedo" Bhushan G was elected Senior Editor.

Finally, the Board elected its old-but-not-yet-senile Advisory Board members, who always give good advice and help put out an issue every once in a while: Robert E. "You'll have the letter next week" Malchman '85, Reuven M. "Chest pains" Lerner '92, Thomas T. "Time" Huang '86, V. Michael "Can't anyone use the stat cam?" Bove '83, and Jonathan "Q." E.D. "Penis envy" Richmond PhD '91.

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The Logarhythms perform a concert in 10-250 Saturday.

RICH DOMONKOS—THE TECH

Brooks Wins Rhodes Scholarship

Rhodes, from Page 1

were informed of the decision, and finalists were invited to the regional interview a week later. There, the applicants engaged in an all-day interviewing session, and the winners were announced the following morning.

The result was nothing less than thrilling, Brooks said, although it "did take a while for it all to sink in." Nonetheless she is very excited to begin her adventures in England next September — her first visit there.

Brooks highly encourages MIT students to apply for the Rhodes Scholarship. "There are many qualified people here at MIT that would have a very good chance of receiving this award," she said.

Brooks also urges applicants to begin the application early, perhaps in May. The application consists of an essay, five to eight recommendations, and transcripts. An interest in serving the community is essential, and some athletic history is required.

To be eligible for the scholarship, applicants must

be under 24 years of age. Applicants apply through their home state, and approximately 10 to 12 people are selected for an interview. Two state representatives are chosen to advance to the regional level, which consist of six or seven states. Finally, four Rhodes Scholars are chosen.

Semester at Sea

Brooks spent the spring semester of her junior year at sea on a program sponsored by the University of Pittsburgh. This voyage toured the world, stopping in 10 different countries, with about 400 students mainly in humanities and social sciences.

At sea, the participants took courses. On land, they took field trips involving interviews and projects in the area. She visited the South African parliaments and economic think tanks in Taiwan, as well as China and Venezuela.

Although students only stayed in each country for about a week, the trip was "greatly rewarding," Brooks said.

Funding Rules Save Government Money

Costs, from Page 10

the \$13 million the Institute stands to lose.

Perkins said that some areas, like self-funded professional programs in management and short engineering master's degrees, might experience growth.

Three other universities which use the EB pool to pay RA tuitions will also be affected by the new

rules. They are the California Institute of Technology, Columbia University, and Stanford University. These universities, along with MIT, are characterized by a large research volume and high tuitions, said Culliton.

The current policy was approved by the government in 1984, and it has resulted in considerable savings to the government in financing sponsored research.

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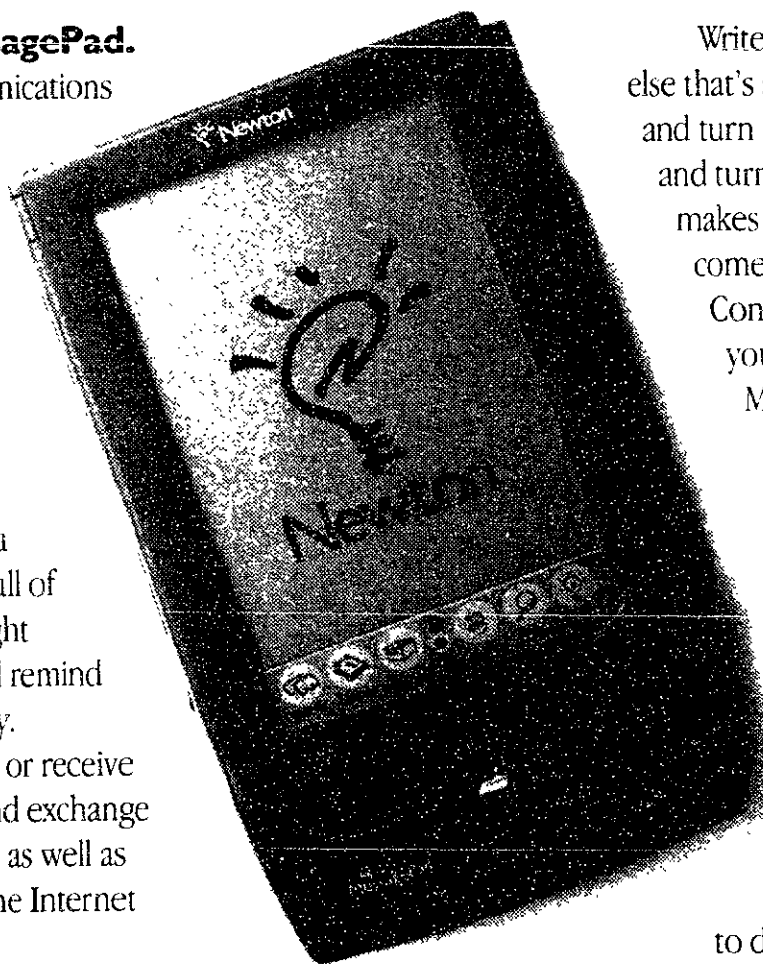
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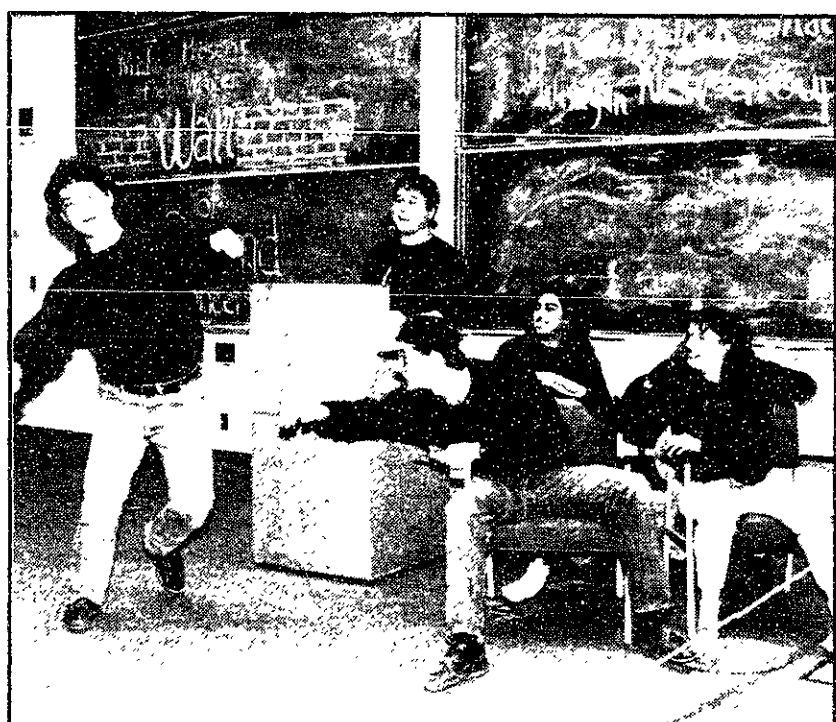
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The Chorallaries strut their stuff for over 400 people Friday in 10-250.

VIPUL BHUSHAN—THE TECH

Technology Makes TV36 Reality

SMG, from Page 1

SMG was first conceived when "about three years ago Hans and I were watching the student cable channel, TV36," Peters said. "At that time there were three or four shows on the channel weekly and they were all pretty much the same. ... MIT cable has a lot more potential than that."

Recent technological developments have helped the development of SMG, according to Peters. Avid Desktop Video Group, a subsidiary of Avid Inc., produced the editing equipment used by SMG.

"Just this year has the technology come down to a level where it's affordable to us," said Peters. "It [the editing equipment] is very inexpensive. It's just as good if not better than the traditional system."

Eric L. McDonald G of the student cable group absorbed by SMG said, "SMG is good because we're going to be able to pool our resources." Student productions were limited in the past by the lack of editing equipment and portability, according to McDonald. With the help of SMG, "now we can do both," he said.

Eventually self sufficient

Startup funding for the SMG came primarily from within the MIT administration. Dean for Undergraduate Education and Student Affairs Arthur C. Smith, Associate Provost for Institute Life Samuel J. Keyser, and Vice President for Information Systems James D. Bruce Sc D '60 contributed a total of over \$10,000, according to Peters. The MIT Council for the Arts provided over

\$4,000 as part of a grant.

To meet operating costs, Peters says that SMG "plans to sell advertising to student groups. Ideally, we would make all of our money through advertising revenues."

Until advertising income meets costs, Peters said Bruce had made a tentative agreement "to fund the continuing operations of the group once it demonstrated active student participation."

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Honesty Report Finds Cheating Definition Nebulous

Honesty, from Page 1

"The study's second goal is to provide information to the MIT community that can serve as a catalyst for action," according to the report. "It is hoped that this report will promote understanding, encourage changes that will inhibit cheating, and improve the climate for academic integrity."

"We hope it's going to be read carefully and looked at by everyone, particularly those who have some of the ability to make changes," said Norma McGovern-Noland, director of the Undergraduate Research Opportunities Program and co-author of the report.

Is cheating a serious problem?

One of the primary questions the report sought to address was how serious the problem of cheating was and whether this was an issue specific to MIT.

"In recent years, people have expressed a concern about an increase in cheating on campus," the report said. However, it indicated that survey results do not support this claim.

None of the groups surveyed — undergraduates, faculty, and graduate student teaching assistants — suggested that there was any evidence of a cheating crisis at MIT or that cheating patterns have been changing. In addition, the report said that no group felt that there is more cheating at MIT than elsewhere.

Despite of these findings, the report said that half of all respondents described themselves as "bothered by the degree of academic dishonesty that goes on among undergraduates."

Students believe that their peers cheat more often than they themselves do, the report noted. While only 67 percent of students report

they collaborated on homework problems set answers when this was prohibited at least once during the year, 99 percent of students say they believe other students did.

Definitional disparities at fault

The report indicated that, in some instances, faculty and student have widely varying opinions of what constitutes cheating. Half the students characterized themselves as "confused by what constitutes academic honesty."

Specific examples of situations showed the differences in definitions of cheating between students and faculty.

While the faculty nearly unanimously deemed "misrepresenting or fudging data in a lab report or research paper" to be a serious offense, almost 40 percent of students called it trivial.

On another question, almost 60 percent of faculty called "collaborating on homework when prohibited" a serious offense. Yet, nearly 85 percent of students responding to the same question felt it was either a trivial offense or not cheating at all.

The report explained that students seem have a "strong belief that working together helps the learning process. By working in groups, they say, they can see a variety of approaches to problems, not just one. They observe that collaboration is the norm in the 'real' world of the professions, particularly in engineering, where the majority are heading."

Another problem indicated by the report was a lack of consistent, specific communication between faculty and students as to what is prohibited or allowed. "The fact that guidelines are given in class, however, is no guarantee that they are clear and comprehensive," the report noted.

"Messages about homework col-

laboration should be unambiguous," the report concluded. "Although many faculty report giving students guidelines about the limits on collaboration, this is not done consistently or explicitly enough."

Excessive pressure also faulted

Despite the confusion over what actually constitutes cheating, "there is considerable agreement about what students believe causes cheating — over 60 percent cite workload pressures," the report said.

"Given the finding that workload related cheating is the most prevalent and the only kind that can be described as widespread, student responses need to be viewed not only as justifications or rationalizations about behavior, but as feedback about their academic experience," the report said.

"The pressure created by a pile-up of homework assignments or a clustering of exams could be mitigated if faculty were aware of competing demands and able to take them into account," the report said. "If there were a mechanism or mode of communication that would overcome students' reluctance to talk with faculty, this could ease pressure on students and give faculty a better sense of who those students are really doing."

"A lot of people think students cheat to get ahead," McGovern-Noland said. But the survey indicated that students cheat "more to keep from drowning."

Students with grade point averages under 4.0 out of 5.0 are more likely to cheat than students with higher GPAs, the report found: "It does debunk the common myth that high levels of cheating are also found among 'excellent' students who will stop at nothing to reach or remain at the top."

"Rather than wait for students who are having academic difficulty

to approach them — a typical pattern — faculty and teaching assistants ought to actively find new ways to overcome the student reluctance to seek help," the report concluded. "They must reach out and more consistently initiate conversations with students having academic difficulties."

McGovern-Noland said that she hopes that after seeing these findings the Committee on the Undergraduate Program will look into reducing pressure on students.

Punishments should be publicized

The report also found that a lack of publicity of punishments in cases involving academic dishonesty could be contributing to the problem. "If punishment is to help reduce cheating, the likelihood that specific punishments will be meted out for specific offenses needs to be communicated publicly," the report concluded. "The current secret sanction process sends the community no messages. Publicity about specific cases would let the community know that cheaters are caught and punished."

Triantahyllos A. Akylas PhD '81, chair of the Committee on Discipline, explained, "The community is not aware of sanctions [imposed on students] ... because of confidentiality reasons."

Akylas said that although the COD has not formally met to discuss the report, there will be a change such that "some type of publicity will be given to cases and the community will be made aware of the cases."

Report hopes for change

While the report was not actually intended to solve the problems of cheating, its organizers hope that the report can serve to instigate communication and thought on the issues raised.

"Maybe this report will make it easier to address cheating in a good, healthy way," McGovern-Noland said. "We hope this will cause conversation and some thoughtful consideration on what should be done, on everybody's part."

The report concluded by saying: "The Colloquium Committee expects that [its recommendations] will now be taken up by appropriate individuals and academic agencies at MIT — administrators, schools, departments, committees, student organizations — and shaped into recommendations implementable in the near future."

"It's not our role to prescribe recommendations. We just laid out what we found, what we would conclude from the next stage," McGovern-Noland said. "[There is] no one panacea, no one solution."

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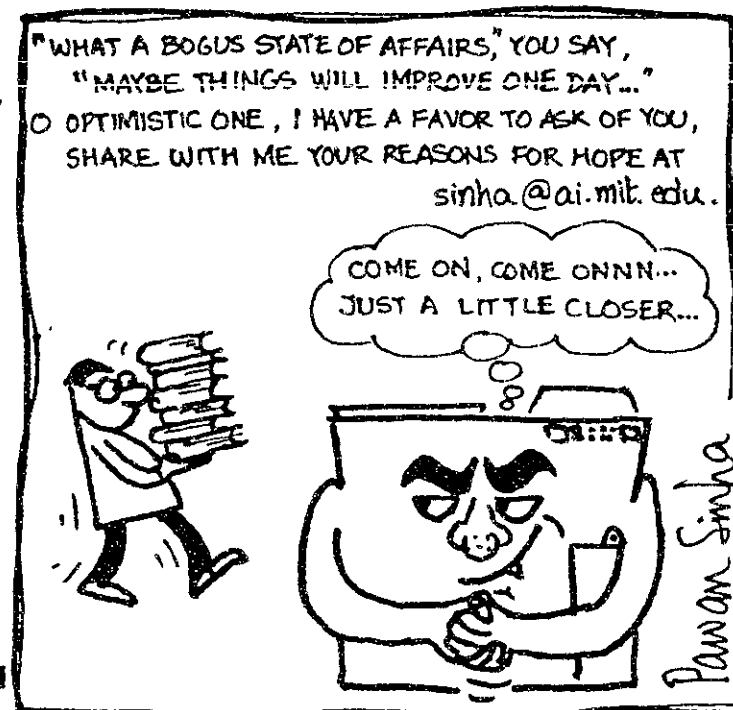
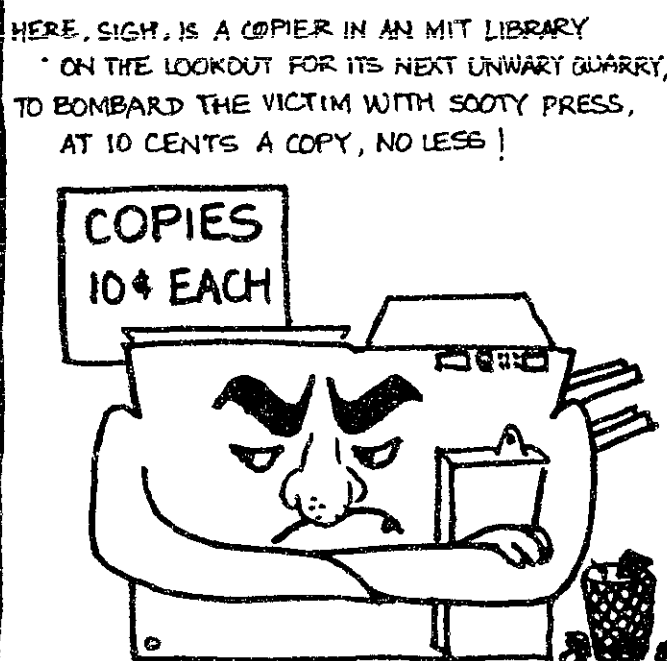
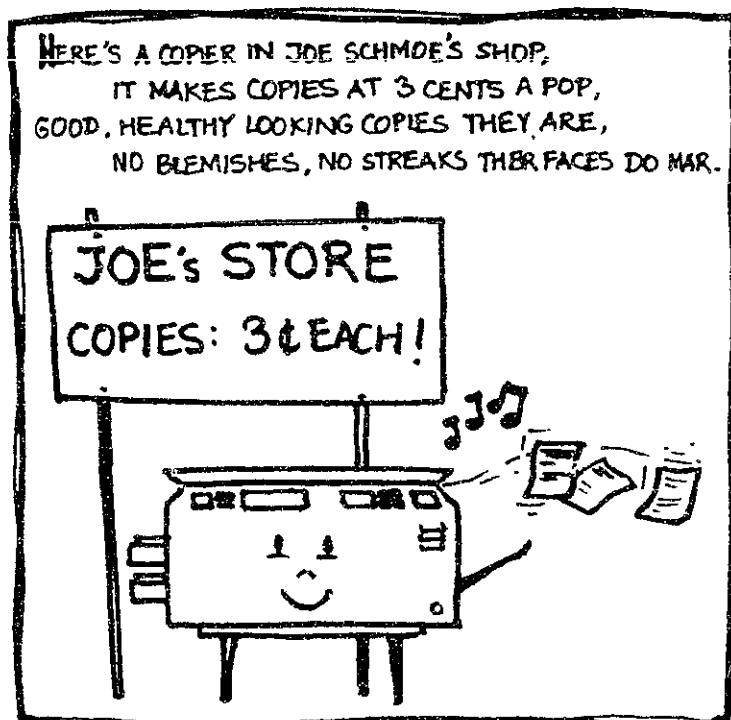
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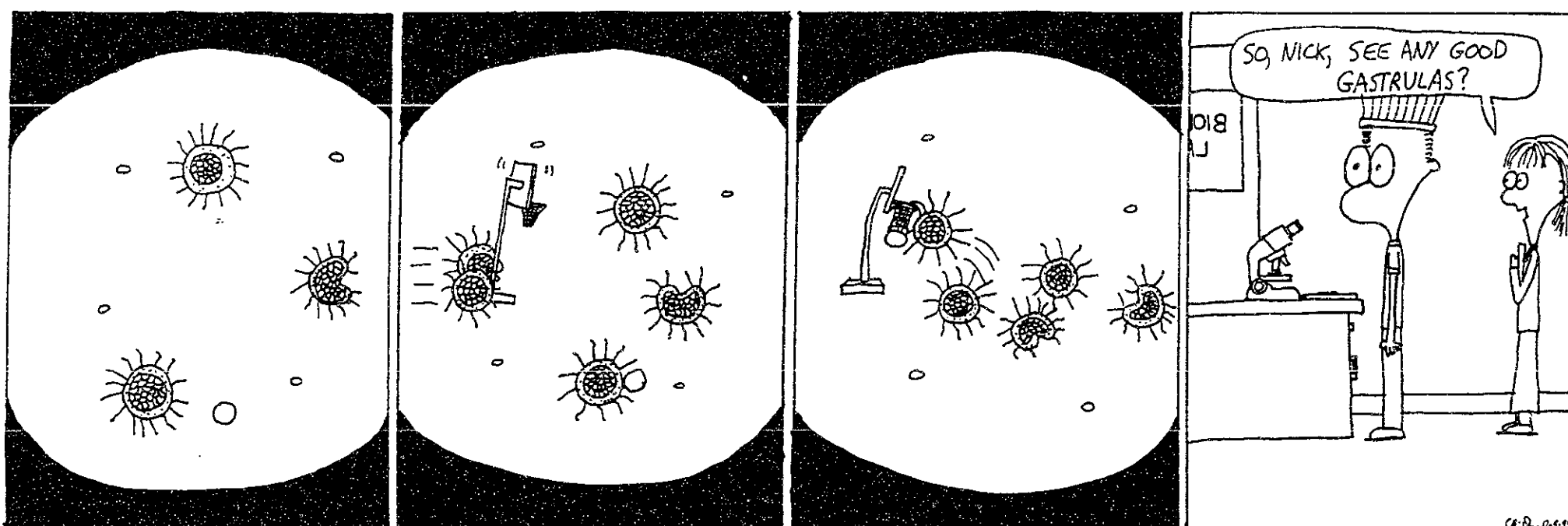
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Princeton Captures Debate Win

Debate, from Page 1

event and to provide the guests with food and housing. Umit E. Kumcuoglu '94 and Eileen L. Brooks '94 were co-directors of the event.

Last week's tournament consisted of five rounds, with three on Friday and two on Saturday. General assemblies were held in Rooms 2-190 and 6-120, while individual

debates occupied more than 30 classrooms around campus.

Each round lasted about 40 minutes, plus 10 minutes to prepare. Pairs of two-member teams were given resolutions, ranging in topic from pressing world issues to humorous excerpts from American popular culture.

The affirmative team leader opened with eight minutes to speak,

followed by the opposing team leader, who spoke within the same time. The affirmative and opposing team members were then also allowed to speak for eight minutes each. Finally, the opposing team leader was given four minutes to close, and the affirmative team leader ended the match with a four minute rebuttal.

Princeton's winning team earned its victory with an argument in favor of modifying Germany's constitution to allow the deployment of troops outside of the country. Ironically, the opposing team was also from Princeton and was ranked higher in seniority.

Although MIT did not participate in this tournament, it has received many accolades for past performances, including first place at the Fairfield University tournament earlier this year. Its past record has also qualified the team to attend the national competition in April.

The three-year-old team has grown successfully, said Publicity Chair Anand R. Radhakrishnan '96. With a current membership of about 30, the group is able to use funds generated from hosting, in addition to Undergraduate Association sponsorship, to attend most of the debates, Kumcuoglu said.

The team is always looking for new members from the MIT community, said founder Per E. Juvkam-Wold '94. Beginning in January, the team will be recruiting new members for training.

Kumcuoglu added that the team is looking forward to competing at the world tournament in Melbourne, Australia during the Independent Activities Period.

"[Other schools] look at [MIT students] like we're a bunch of science geeks, but we actually have many eloquent speakers," Radhakrishnan said. "It looks good on MIT that we have a team."

New RCA Dean Enjoys Working with Students

Dean, from Page 1

Jablonski was chosen from a short list of three candidates submitted to Smith by the dean selection committee in early November. The committee started with a field of 145 applicants and narrowed it to 3 candidates in two phases.

"I thought the committee did a very good job," Smith said. "That was a process that took a little while, but I was happy that we had gone through it. I think students have contributed a lot and I think it was a good process."

Jablonski has worked at WPI since 1988, first as director of housing and then as assistant dean for residential services. As dean, she supervised the 1,300-person housing system at WPI and managed a \$3.6 million budget.

She also served as victim assistance program coordinator for Boston University (1987-88), assistant director of housing at BU

(1985-87), family housing coordinator at the University of Massachusetts at Amherst (1983-85), and director of Greek affairs at Amherst (1981-83).

Jablonski received a bachelor's degree cum laude in history from UMass Amherst in 1981. She also received the Dean Field Award for Outstanding Service to the University. She received a master's degree from UMass Amherst in 1984, where she researched higher education theory and legal issues.

In 1992, she received a doctorate in education from Boston University, focusing on administration, training, and policy. Her doctoral work on the leadership styles of women college presidents received three awards: the National Association for Women in Education Research of the Year Award, the BU Graduate Student Association Dissertation of the Year Award, and the Massachusetts College Personnel Association Research Award.



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SPORTS

Men's Basketball Beaten By Brandeis Judges, 81-72

By Thomas Kettler
STAFF REPORTER

The men's varsity basketball team lost its fourth game Tuesday night against the Brandeis University Judges, 81-72. The men are now 1-4 overall, but still 1-1 in the Constitution Athletic Conference.

Through the first half, MIT had problems holding the ball and generated turnovers. Brandeis was able to convert the turnovers by shooting 59 percent from the floor while the Engineers shot just 47 percent.

Brandeis also shot well from 3-point land in the first half, making three of six. MIT did convert what free throws it got, but only had five shots from the charity stripe, mak-

ing four. The Judges led at the half 40-35.

The Judges held off the Engineers in the second half for the win. They converted the necessary free throws in the end when it counted as MIT was forced to stop the clock by fouling in the final minute.

The Engineers had three starters in double figures, led by center Keith Whalen '96 with 26. Guard Randy Hyun '95 scored 19 and forward Joe Levesque '95 scored 10. Whalen was also the leading rebounder with seven while forward Tim Porter '96 and Hyun tied for the lead in assists with four.

The main difference in the game was turnovers. MIT had 28, while

Brandeis had just 18. Otherwise, MIT played fairly well in the game despite the difference in shooting percentage. The Engineers shot 45 percent while the Judges shot 59 percent, led by Chris Schneider's 9 of 17 performance for 20 overall.

Head coach Leo Osgood was quite pleased with the performance, "I think I can sum it up in two phrases of the game: turnovers and the foul line. I thought we handled their pressure fairly well beyond the turnovers, but we just didn't convert."

The varsity team plays Eastern Nazarene College today at 7:30 p.m. at Rockwell Cage in a nonconference game.

Elms Downs Women's Basketball

By Thomas Kettler
STAFF REPORTER

The women's basketball team lost its first regular season game Wednesday 70-62 against the Elms College Blazers.

In the first half, the Blazers used a full court press occasionally but effectively while building a 36-22 lead. They used the turnovers from the press to generate easy baskets, shooting 52 percent from the floor to the Engineers 39 percent.

As the second half started, Elms continued to press MIT for the first few minutes. As a result, they ran up the lead to 21 a couple minutes into the half.

The Engineers started to press and the Blazers started turning the ball over. Consequently, MIT had the score back down to single digits midway through the half and with

eight minutes left, they were down by only five. However, MIT could not get any closer as Elms converted free throw opportunities while the Engineers hit a cold spell. Individually, starting center Kristen Ratliff '95 played extremely well, leading the team in scoring with 18 points and 14 rebounds.

Starting forward CJ Doane '95 was the only other scorer in double figures with 13. Starting guard Sarah Davis '97 led MIT in assists with three and reserve Jen Boyle '96 led the Engineers in steals with four.

Kelly O'Connell was the Blazers leading scorer with 22 and leading thief with 10 steals while Angel Esposito led in rebounds with seven, and three tied for the lead in assists with two.

The full court press that Elms used occasionally flustered the

Engineers and resulted in numerous turnovers. Head coach Suzan Rowe expressed disappointment about the team's performance. "Turnovers and the foul line actually killed us tonight," she said. "Their pressure killed us. We just were not very poised when we took the ball out and that's what we will work on. Unfortunately, the fouls killed us. There were over 50 called for the game and the travels and turnovers really took both teams out of their game."

Rowe was quite pleased with the performance of the starting center and happy about the comeback. "Kristen Ratliff had a great game. She was one of the biggest kids on the floor and she rose to it."

The women play at Simmons College tomorrow for their last game in 1993.

Men's Hockey Ties Springfield College

By Eric Oliver
ASSOCIATE SPORTS EDITOR

Last Wednesday the men's hockey team battled Springfield College to a 2-2 tie. The game was marked by strong defense and timely goaltending as the Engineers brought their record to 0-2-3.

The first period was completely dominated by defense. The teams played evenly, but neither team could convert on scoring opportunities.

First blood was drawn by MIT midway through the second period. The score started with a 3-on-2 breakaway with Bryan Sanderson '96 skating down the left wing, Steve Laramie '95 coming down the center, and Joe Wall G flanking him on the right wing.

Laramie dished to Sanderson, who powered the puck past the Springfield netminder for a 1-0 lead. Seconds later Springfield returned the favor and the game was knotted at 1-1.

Goaltending took over for the rest of the period. John Simmons '96 made several nice saves, including one in which he came across the crease to save an open-net wrist shot with 35 seconds left in a Springfield power play. MIT at one point had a two man advantage for 1 minute, 16 seconds, but were denied on all shots by the Springfield goal tender.

The deadlock was broken at 16:35 in the period when Spring-

field scored on a backhanded flip shot coming across the crease. MIT staged a charge at the end of the second period, and seemed to have scored the tying goal when Tetsu Inada G stole a pass and skated in uncontested with a few seconds left.

But Tetsu held on to the puck too long. The buzzer sounded just before he sent a shot between the pads and into the net, and the period ended with a 2-1 Springfield lead.

Springfield came out on fire to start the third period, actually getting off a shot on net seconds after the face off. MIT turned up the defense a notch and kept the puck, for the most part, out of the MIT zone.

Simmons continued his spectacular play, stopping a Springfield flurry which ended by a great kick save in front of a wide open net after a pass across the middle. MIT scored the game's final goal at 12:11 as Stephen Schlueter '96 made a nice block of a Springfield attempt to clear the puck out of their zone.

Schlueter then flipped a pass to Lloyd Johnston G in front of the net, and Johnston knocked the pass down and backhanded a wrist shot over the goalie's right leg pad, to tie the score 2-2.

The intensity level increased after the score, but several interference penalties and kick saves later the game ended with the 2-2 score.

Fencing Team Struggles against Tough Competition

By Ifung Lu
TEAM MEMBER

The men's varsity fencing team hosted a varsity meet this Sunday. This meet featured formidable competition from Boston College, and Brandeis, Brown, and St. John's universities.

The meet provided the toughest competition the team faced this year. Nevertheless, the men's team exhibited incredible determination

and will power in fending off the competitors before succumbing to them in the end.

The men's sabre squad fenced well, despite its first round loss to Boston College by the narrow margin of just one point with the score of 4-5. However, MIT sabremen rallied in the second round and crushed Brandeis University.

The sabremen easily sliced through their opponents' defenses

and captured that round with the score of 6-3. The sabre squad suffered a tough loss to the high powered St. John's sabremen 3-6 in the next round. But men's sabre once again bounced back to destroy Brown, sending them home with the decisive score of 7-2.

The men's foil squad opened the competition with an impressive victory against Boston College. Excellent fencing resulted in the decisive score of 6-3 in this first round. The foilists' luck took a turn for the worse as they lost to Brandeis, Brown, and St. John's. These were difficult losses against tough teams.

The men's epee squad also captured the first round with an emphatic win against Boston College. They

fleshed out their victory with a score of 6-3. The epeeists put out a great effort in the next rounds, but succumbed to the more experienced Brandeis, Brown, and St. John's squads.

The women's foil and epee squads traveled to Brandeis Saturday morning to compete in multiple duel meets. There, they fenced the varsity teams of Boston College, Brandeis, Brown, St. John, Tufts, Wellesley universities, and the University of Massachusetts at Amherst.

The relatively new women's foil squad, consisting of mainly first-year fencers, put up a valiant fight against the seasoned veterans of the opposing teams, though they lost six

of their seven matches. Of note was their impressive 10-6 victory over Boston College.

The women's epee squad was red hot at the Brandeis meet. Although women's epee is not an official NCAA sport this year, the informal scrimmages held at Brandeis demonstrates the high caliber of the women epeeists, all of whom are first year epee fencers.

Women's epee crushed all the competition. They pummeled Boston College 8-1, destroyed Brown 6-3, and stole the victory from the University of Massachusetts 5-4. In addition, Katherine Fricks, G, lost only one bout out of the nine she fenced.

Swimmers Crush Colby College at Dartmouth

By Christine Harada
TEAM MEMBER

Crammed into a yellow school bus with blue seats, the swim team trekked over to the University of Massachusetts at Dartmouth on Saturday for the annual UMD Invitational Meet. Despite the hour-long bus ride, the men's team trounced its competition from Colby College and UMD.

Both Coach John Benedick and Assistant Coach Maureen Travers had been working extensively with the team's stroke, and the improvements were clearly visible as the MIT swimmers powered their way to strong finishes.

Joe Kurtz '96 won the 200-yard freestyle and drastically dropped his time in the 100-yard butterfly. Stephen Chan '95 won the 50-yard breaststroke with a time of 30.8 seconds as well as the 100-yard individual medley in 1 minute, .08 seconds.

"Since this [meet] was the last one before the break, we wanted to have a strong meet to finish off the first part of the season," Chan said.

Jonathan Pfautz '95 also performed. He won the 50-yard butterfly in 24.9 seconds, the 50-yard

freestyle in 22.8, and both the 200-yard medley and the freestyle relays.

Captain Alan Liu '94, who defeated fellow Captain Vijay Lathi '94 in the 100-yard butterfly with a time of 58.59, complimented the team on its successes: "Our purpose at this meet was not to destroy the competition, but to get an idea of what we can do this season; it looks promising. We have a lot of young talent, and the veterans are providing excellent leadership [for the newer swimmers]."

Faced only with competition from Colby College as UMD withdrew at the last minute, the women's team performed well. "We have a lot of new swimmers," said Captain Christine Harada '94, "and they're showing great improvement for this time of the season."

Captain Holly Goo '95 won the 400-yard individual medley with a phenomenal time of 5:02.89. Miranda Fan '95 swam the 50-yard backstroke for the first time and finished well with a time of 33.9.

Benedick said that he was happy with the team's performance overall, and is looking forward to the rest of the competitive season.



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