

Hobbs to Head Dean Search Committee



Professor Linn W. Hobbs

By Christopher L. Falling
STAFF REPORTER

Professor of Materials Science and Engineering Linn W. Hobbs, chair of the Committee on the Undergraduate Program, will chair a committee to advise Provost Mark S. Wrighton on the appoint-

ment of a new dean for undergraduate education and student affairs.

The current dean, Arthur C. Smith, will conclude five years of service in that post at the end of this academic year.

"Every effort was made to appoint a committee that was as a whole broadly representative of many communities at MIT," Hobbs said. "A particular effort was made to include individuals with a demonstrated concern for undergraduate education, undergraduate teaching, and student issues with which the undergraduate Dean's Office is concerned."

The 14 committee members comprise eight members of the faculty, one administrator, and five students chosen by the administration.

Undergraduate Association President Vijay P. Sankaran '95, calling the selection process "overly secretive," said that the student members "should have been selected with the input of their peers." The result is that "the students selected cannot by considered representative of the student body," he said.

Combined UESA in question

"The first order of business for the advisory committee will be to understand in detail the responsibilities and organization of the office now overseen by Dean Smith," Hobbs said. While the exact timetable for the committee has not yet been set, it is

Dean, Page 11

More Sophomores Choose Course VII

By Venkatesh Satish
STAFF REPORTER

Electrical engineering and computer science drew the most sophomore majors and the biology department posted significant gains for the second year running, according to the annual report of sophomore major declarations from the Registrar's Office.

Mechanical engineering and chemical engineering, both in the top four, saw enrollment similar to last year. The physics department fell by 20 percent compared to last year, while the Sloan School of Management more than doubled in majors.

The number of total registered students fell by 7 percent, according to the report.

Despite changes across departments, the distribution of majors between the School of Engineering and the School of Science remained the same. About 62 percent of sophomores declared engineering majors and 27 percent chose science majors. Only about 3 percent declared majors in the School of Humanities, Arts, and Social Sciences.

EECS, Biology popular

Three hundred sophomores, or

28 percent of the class, chose to major in EECS, the most popular major for the last three years.

Course VI attracts so many students because "the demand from the outside is high for EECS types," according to Professor of EECS Leonard A. Gould '48, undergraduate officer for the department.

In addition, the Master's of Engineering degree program "is a very attractive way to go through as an undergraduate," Gould said.

The level of success enjoyed by Course VI is not the result of a planned effort, Gould said. "We haven't gone out of our way to attract students other than that we have strong subjects and strong education and have continued that tradition for many years."

While the enrollment is pleasing, the department might have trouble accommodating future increases, Gould said. "I hope we stay about the same size in the future because if we get any bigger, we're going to be stretched out."

Biology, tied for second place with mechanical engineering at 130 majors, increased by 12 percent from 116 last year, up from 75 in

Majors, Page 12

Judge Considering LaMacchia Motion

By Sarah Y. Keightley
EDITOR IN CHIEF

U.S. District Court Judge Richard Stearns is considering the oral arguments made in the David M. LaMacchia '95 case last Friday, and will make a decision on whether or not to dismiss the case, according to Harvey A. Silverglate, one of LaMacchia's attorneys.

Stearns heard the defense's pre-trial motion to dismiss the case, and "took the motion [to dismiss] under advisement, meaning that he will continue to study and ponder the matter" before issuing his legal

opinion, Silverglate said.

LaMacchia was indicted last spring for conspiring to commit wire fraud. He allegedly used two Athena workstations to run a server where Internet users could exchange copyrighted software.

In early October, LaMacchia's counsel filed a motion to dismiss the case and a motion to suppress evidence. The wire fraud law was incorrectly applied in this case, Silverglate said in an interview last month.

LaMacchia, Page 12

Decision on Future of Senior House Expected by End of IAP

By Jeremy Hylton
CHAIRMAN

The administration will try to make a decision about who will live in Senior House after it is renovated by the end of Independent Activities Period, President Charles M. Vest said yesterday.

"We feel some urgency to arrive at a use plan in the next few months so that the design, especially the room layout, matches the function," Vest said. "Simply put, most graduate housing is dominated by single-occupancy rooms, and most undergraduate housing is dominated by

multiple-occupancy rooms."

The administration intends to finish the renovations and have the dormitory ready for occupancy by the fall of 1996, according to Arthur C. Smith, dean for undergraduate education and student affairs.

The intent to wait until the end of IAP was welcomed by some Senior House residents. Rebecca F. Richkus '97, a member of the recently formed Senior House/East Campus Action Committee, said it would give that committee more time to prepare a presentation on why Senior House should remain

undergraduate housing.

"We do need more time. If [Vest] is going to be waiting, that would be much to our benefit," Richkus said. "We were worried that he would make the decision sooner."

Other students had hoped the decision would not be made until sometime in the spring term. "We want the decision delayed at least until around February; otherwise there is no time," said John S. Hollywood '96, chair of the Undergrad-

Senior House, Page 11

Foundation Will Look at Advising

By Ifung Lu
ASSOCIATE NEWS EDITOR

The Baker Foundation will review the upperclass advising system and set up an infrastructure to improve it this academic year, according to Arley Kim '95, foundation chair.

The foundation is currently looking at whether undergraduates are being well advised by their academic advisors. To this end, they will conduct a survey at the beginning of next term to compile data which may shed some light on how students feel, Kim said.

"We want to get student opinion. They should feel that they can speak up and make a difference. ... We're trying to get a feeling for the depth of the problem," Kim said.

Kim hopes that the foundation will open communication so that students, advisers, and departments can learn from each other.

The foundation will also make a list of contacts and resources available to students and advisors. Kim hopes to increase student awareness of what different departments offer to their students.

The Baker Foundation is a think tank composed of an undergraduate committee advised by three faculty members, Kim said. In addition to their yearly teaching award honoring outstanding professors, the foundation has played a role in creating the associate advising system.

"There is a lot of concern whether students are well-advised," Kim said. "The system is not working because there is a lot of miscommunication between students and advisers," she said. The support system can be improved, she added.

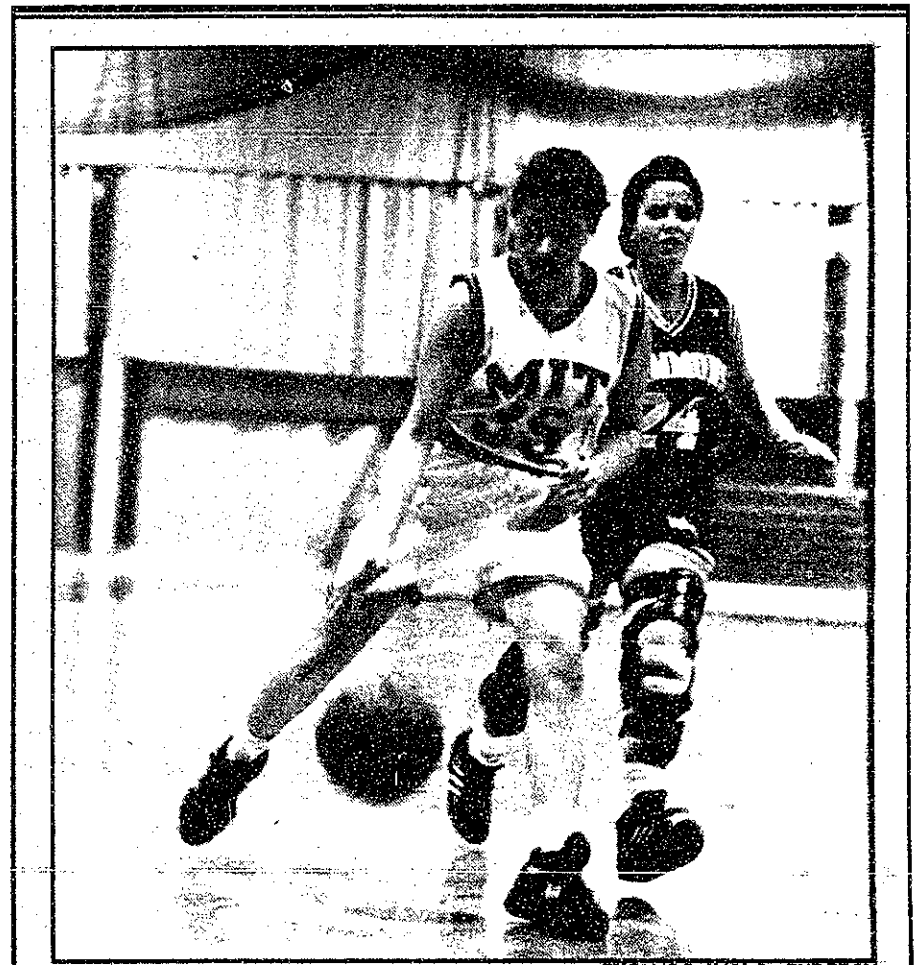
According to Kim, some students are unsure of the role of their adviser. Some think that advisers are there just to sign registration forms, she said.

"The advisers can be useful in other ways — to help you focus on a career track, show options in a field, direct you to colleges, and advise you on post-MIT life," Kim said.

In order to make advising more beneficial to students, the foundation hopes to establish a framework for improving communication between students and advisers, Kim said. It is necessary to let students know that their advisers are important, she said. Greater publicity and informational handouts may help to some extent.

In addition, some departmental

Advising, Page 13



Nicole Gerrish '98 drives past a Simmons College defender during MIT's 56-47 victory in the first round of this week-end's Engineer Tip-Off Classic.

INSIDE

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WORLD & NATION

Japan Votes Three Political Reform Bills into Law

LOS ANGELES TIMES

TOKYO

Concluding a six-year struggle under seven prime ministers, Japan's Parliament on Monday voted into law the final pieces of political reforms designed to produce a two-party system, campaigns fought on policy issues rather than pork-barrel handouts and periodic changes of government.

Socialist Prime Minister Tomiichi Murayama, however, said the vote marked "just the start of political reform."

Three bills drawing boundaries for 300 single-seat lower house districts, stiffening penalties for vote buying and fixing qualifications of parties eligible to share \$309 million in government campaign subsidies passed the upper house in a nearly unanimous vote.

The subsidies, equal to \$2.50 for each voter, will be given to parties for the first time in proportion to their holdings in Parliament, in the hope of reducing corruption stemming from reliance upon donations from special interest groups.

Along with reforms passed last March under former Prime Minister Morihiro Hosokawa, the new laws will go into effect Dec. 25, ending a 70-year old system of multi-seat districts with an average of four representatives, some of whom polled fewer than 20 percent of the total votes. Two hundred other seats will be filled through a proportional representation system, in which voters cast a second ballot for parties of their choice.

Spurred by a 1988-89 stocks-for-favors scandal that tainted all of the leaders of the then-ruling Liberal Democratic Party, efforts to carry out reform were thwarted repeatedly until an inter-party rebellion deprived Japan's perennial rulers of their 38-year grasp on power and brought a reform coalition under Hosokawa to power in August 1993.

Even then, rebels within the ranks of Hosokawa's supporters once again defeated reforms in an upper house vote last January. A last-minute compromise, however, won Liberal Democrat support and brought about enactment in March. Bills passed Monday filled in the details of those laws.

Former Prime Minister Tsutomu Hata called for elections early next year, but Murayama said he was not thinking of dissolving the lower house, the term of which runs through July 1997.

WEATHER

Cold Turkey!

By Chris E. Forest, Gerard H. Roe, Marek Zebrowski, and Michael C. Morgan

STAFF METEOROLOGISTS

Skies will clear over portions of New England as a cold front moves offshore this morning. A second front will pass through the area midday Wednesday with concomitant cloudiness. Following the passage of the front, some of the coldest air of the fall season will invade portions of the eastern United States for the second half of the week.

High pressure will dominate the weather over much of the country during the mid to latter half of the week — providing good to excellent travel conditions for most. The only exceptions being the extreme northwestern U.S. where a Pacific cyclone will come ashore bringing some wind and rain, and over central and southern Florida where a stalled frontal zone will keep clouds and showers overhead. A few rain and snow showers will also fall in the southern Rockies and western southern Plains on Wednesday.

Today: Clearing and breezy. High 54-57°F (12°C). Winds west 15-20 mph (24-32 kph).

Tonight: A brief shower possible early, then windy and colder. Low 28°F (-3°C). Winds northwest 15-25 mph (24-40 kph).

Wednesday: Partly sunny and chilly. High around 40°F (5°C). Low 25°F (-5°C).

Travel Forecast:	code/high (°F)/low(°F)	
CITY	Wednesday	Thursday
Atlanta	CLR/56/32	CLR/58/39
Chicago	SCT/43/26	SCT/47/30
Cranberry Lake, WA (near Seattle)	R/47/39	R/47/39
Denver	SCT/58/24	SCT/60/28
Grandma's House (near fireplace)	CZY/77/68	CZY/79/68
Los Angeles	CLR/65/49	CLR/67/51
Miami	OVC/77/67	SCT/79/66
New York, NY	CLR/44/30	SCT/48/33
Potato Creek, PA (near Erie)	SCT/41/29	CLR/44/32
Pumpkin Creek, MT	SCT/46/30	SCT/45/25
Raleigh-Durham	CLR/47/26	CLR/52/30
San Francisco	SCT/58/47	SCT/59/47
Turkey, TX (near Amarillo)	SCT/51/35	SCT/55/35
Washington, DC	CLR/47/30	SCT/51/34

Thursday: Partly cloudy and chilly. High 43-45°F (7°C). Low 25-28°F (-4°C).

Return trip outlook: With low pressure system approaching from the Upper Midwest, precipitation will likely spread across the Great Lakes into central and northern New England possibly reaching Boston by early Monday. Boston temperatures expected to be seasonable with highs in the 40s and lows in the mid 30s.

Code: CLR: clear, OVC: overcast, R: rain, S: snow, SCT: scattered clouds/partly cloudy, SW: snow shower, RW: rain shower, TRW: thundershower, CZY: cozy and toasty

NATO Planes Attack Serb Air Base, Artillery Sites

By Art Pine

LOS ANGELES TIMES

WASHINGTON

Western warplanes launched a limited attack on a Serb nationalist air base and on missile and anti-aircraft artillery sites in south central Croatia on Monday, destroying the air defenses and making the runways and taxiways unusable, U.S. and allied officials said.

The attack, carried out by North Atlantic Treaty Organization warplanes in retaliation for this month's three sorties by Serb nationalists near the Bosnian city of Bihac, marked the most extensive strike that the alliance has launched in its 1½-year effort to protect United Nations-sanctioned safe areas in Bosnia.

About 40 NATO aircraft took part in the attack, launched at 6:30 a.m. EST from five separate NATO bases in Italy. Officials said that all the aircraft returned to their bases undamaged.

Pentagon officials said that the strikes knocked out one Serb-controlled SA-6 surface-to-air missile battery and some anti-aircraft artillery pieces and left five large craters in the airfield runway, blocking the use of the accompanying taxiways as well.

As in previous NATO air strikes, the raid was carefully limited to minimize the risk that it would spur either Serb nationalists or Croatians to widen the war. U.S. military experts said that the airfield could be repaired easily.

Nevertheless, allied officials said, the strike succeeded in "sending a message" that the U.N. and

NATO allies "will not tolerate the use of bases in Croatia for military operations in Bosnia."

President Clinton, in a session with reporters, called the NATO strike "a strong and entirely appropriate response."

"We'll just have to see how events develop," he said. "But I strongly support the NATO action."

And Secretary of State Warren Christopher warned that if Serb nationalists do not stop using their warplanes to bomb Bihac, NATO fighters "will not hesitate" to return with orders to do substantially more damage than they did on Monday.

Bosnian government reports said that ground fighting in the Bihac area was continuing, but it seemed likely that the Serb-controlled bombing would be interrupted at least temporarily.

U.S. Adm. Leighton W. Smith, commander of the NATO operation, said that the allied air armada scored "good hits" in the area. But he added: "It's fairly easy to fill up a hole in an airfield, so I don't expect this to be out of commission for an awfully long time."

The raid was the first under a new U.N.-NATO get-tough policy that extended the no-fly zone previously maintained only over Bosnia and authorized NATO warplanes to strike at multiple targets, rather than using "pinprick" raids against a single tank.

Monday's action came after Bosnian Serb forces, backed by renegade Muslim troops, attacked Bosnian government soldiers throughout northwestern Bosnia early Monday, defying a U.N. threat

to launch the NATO air strikes if the Serbs did not stop.

Serb-controlled warplanes had used the Udbina airfield as a base for launching air strikes on Bihac, the Bosnian city initially held by the Muslims that government forces took back last week. Bihac has since fallen again to the Serbs.

On Saturday, the U.N. Security Council voted to allow NATO to expand the no-fly zone, which has prohibited Bosnian Serb warplanes from flying over the country. Under the embargo, any Serb plane caught violating the restrictions is subject to being shot down.

Despite all the warnings by U.S. and NATO officials, policy-makers here stressed that the allies were acting gingerly to avoid any spread of the ground fighting into Croatia.

"Both the Bosnian government and the Croatian government understand that we do not intend to support any action by them that would widen the war, and we made that point strongly to both Zagreb and Sarajevo (their respective capitals)," a U.S. official said later.

The official also denied that the raid marked the beginning of any new allied effort to push the Serbs to the peace table by using military force.

Military officials said Monday's raid lasted an hour and 45 minutes. Following standard procedures, allied warplanes first swept in to knock out Serb nationalist air-defense positions, paving the way for bombing runs. The Serbs fired a missile at the planes but apparently missed.

Gramm Says GOP Efforts Timid, Calls for Social Cuts

By Melissa Healy and Edwin Chen

LOS ANGELES TIMES

WASHINGTON

Senate firebrand and GOP presidential contender Phil Gramm chastised fellow Republicans on Monday for being too timid in efforts to shrink the government, and called on Congress to make huge reductions in social programs to pay for new tax cuts.

In an interview with the Los Angeles Times, the Texas Republican said the new GOP-dominated Congress will create an unnecessary and potentially damaging controversy if it tries to use creative accounting to finance tax cuts for investors and middle-class families.

Instead, he urged fellow Republicans to adopt a budget that simultaneously cuts taxes and slashes discretionary spending, a category that includes aid to education, public health, highway construction and other domestic programs.

"There are many Republicans who want the blessings of limited government but who are unwilling to vote for limited government to make those blessings possible," Gramm said. "And I think we're coming to the moment of truth."

Later in the interview, Gramm complained that when it comes to deficit-reduction, "there's been a constant gap between (Republican) rhetoric and the reality of our actions. Now is the time we're going to have to stand and be counted."

Gramm's proposal could open a Pandora's box on Capitol Hill because it runs headlong into budget rules that prevent Congress from paring back domestic programs to

offset tax cuts that otherwise would widen the deficit.

Those "pay-as-you-go" rules, adopted during the Bush administration, were initially supported by many GOP lawmakers because they prevented Democrats from financing expanded social programs by raising taxes. Now, with Republicans about to take charge of both houses for the first time in 40 years, those rules are a potential obstacle to GOP tax cuts.

Gramm's comments are the opening salvo in the looming congressional budget-balancing wars. In a wide-ranging interview in his Senate office, Gramm reflected not only sharp divisions between Senate Republicans and Democrats, but potentially deep rifts among congressional Republicans themselves.

Those splits are certain to become more pronounced as GOP lawmakers such as Gramm, preoccupied largely with deficit reduction, struggle for domination of the congressional agenda against Republicans intent on increasing defense spending, pressing divisive social policies such as school prayer and abortion, and instituting accounting practices known as "dynamic scoring," which are grounded in supply-side economics.

"You've got a lot of people who've been in the minority for many years, and who have got these pent-up little agenda items," Gramm said. "And I think what we're going to have to do is have the leadership to say to them, 'We're going to be in power for many years to come, let's stay with our agenda now.'"

He proposed that Republicans avoid becoming embroiled in a debate over "dynamic scoring," which assumes that tax cuts will

spur new economic growth and increase, rather than decrease, federal revenues. Democrats, including President Clinton, have charged that the technique is a budgetary trick that allows Republicans to claim they are cutting the deficit when they are driving it up.

If Republicans insist on justifying their tax-cut proposals with dynamic scoring, said Gramm, "the media is going to clearly accuse us of trying to keep phony books and trying to defy Milton Friedman's law on free lunches" — which argues that there are none.

The solution is to take accept the budget calculations favored by Democrats, "but with the proviso that if we are right and they are wrong, that the additional resources go to deficit-reduction and to additional tax cuts," Gramm said. "Now why would you object to that? Only if you don't have the courage to control spending."

Under Gramm's plan, Congress would pay up-front for a family tax cut by cutting funds from the Education Department, Housing and Urban Development and Health and Human Resources. To offset a capital-gains tax cut, Gramm called for cuts in what he called "corporate subsidies," including subsidized interest rates and direct loans from the Small Business Administration.

Only when the tax cuts start creating new wealth and bringing in new revenue should Republicans take credit for them, Gramm said.

"I think if we can do it, we're going to have to do it now, while the public is ready for dramatic change. This is not the time for incremental thinking. This is a time to be bold."

Clinton Assures Rabin on U.S. Role in Peacekeeping Force

By John M. Goshko
THE WASHINGTON POST

WASHINGTON

President Clinton assured Israeli Prime Minister Yitzhak Rabin Monday that if Israel and Syria reach a peace agreement requiring the presence of neutral troops on the Golan Heights, he will seek to persuade the American people and Congress that U.S. soldiers should be part of the peacekeeping force.

Clinton made that commitment in the wake of recent statements by Sen. Jesse Helms, R-N.C., calling for reexamination of the U.S.-sponsored Middle East peace process. Helms, who will become chairman of the Senate Foreign Relations Committee in January, raised questions about the obligations and dangers involved if U.S. troops are interposed between Israel and Syria on the Golan Heights.

"There has been no discussion among the parties of a role for

American forces yet," Clinton told reporters after meeting Rabin at the White House. "Let let the people who have to make this agreement make it, and then if we're asked by the parties themselves to become involved at some point in the future, I will come to the American people, I will come to the Congress, and I will make the case at that time."

The key element in the Israeli-Syrian negotiations centers on whether Israel should return the Golan, captured from Syria in the 1967 Six-Day War, to Syria in exchange for normal relations with Syrian President Hafez Assad's government. If Israel does withdraw, Rabin has said there must be a neutral force stationed on the Golan as a buffer to ensure that Syria does not use the strategic heights for future attacks on the Jewish state.

Helms is a strong supporter of Israel. However, the conservative senator sympathizes with Rabin's

hard-line conservative political opposition, which is reluctant to surrender the Golan Heights. As a result, Helms has said, U.S. troops could be caught in the middle of a new Israeli-Syrian conflict.

While Rabin has said that he considers Helms a friend to his country, the prime minister's remarks Monday betrayed his uneasiness about possible congressional opposition to putting American soldiers on the Golan.

Clinton and Rabin spent considerable time discussing the urgent pleas for economic help from Palestine Liberation Organization Chairman Yasser Arafat's beleaguered self-rule government. Arafat is trying to consolidate his authority in the Gaza Strip and parts of the West Bank in the face of opposition from Islamic fundamentalists who draw support in part from people suffering from the widespread poverty in these areas.

Corporate America Should 'Get Off Welfare,' Labor Secretary Says

By Frank Swoboda
THE WASHINGTON POST

WASHINGTON

U.S. companies should be stripped of billions of dollars in tax breaks and other special subsidies and the money used to help train anxious American workers for new jobs, Labor Secretary Robert B. Reich said Monday.

"If we're asking middle-class people to work smarter and welfare mothers to play by the rules, it seems important to ask corporate America to get off welfare and play by the rules as well," Reich said in an interview in which he outlined the themes of a major economic policy speech he is scheduled to deliver Tuesday to the Democratic Leadership Council.

Reich said Congress could save

an estimated \$225 billion over five years by cutting such things as tax breaks for pharmaceutical firms operating in Puerto Rico; credits for producers of ethanol; subsidies to help airlines expand airport facilities, and subsidies to farmers whose commodities sell at below government-set prices.

The speech will be Reich's first economic policy statement since Republicans won control of Congress in elections two weeks ago. The DLC is a moderate to conservative group that served in an important economic advisory role during Clinton's presidential election campaign.

An aide to one of the top Republican legislators in the House of Representatives would not comment

for the record, but suggested that his party might agree to cutting some targeted corporate subsidies. Reich said that Americans are angry at the economic displacement taking place as they see their jobs disappearing and their standard of living eroding.

The answer, Reich said, is not to try to hold back technological change or seal off the borders from mounting foreign competition. Instead, he said the government must help American workers upgrade their skills for the work world.

"At the center of the issue here is a moral question about what we owe as a society to the people who work hard and play by the rules," Reich said. "I think there was, and still is, an explicit moral compact that work pays."

Italian Voters Rebuff Berlusconi's Free-Market Political Party

LOS ANGELES TIMES

ROME

In a major test of its popularity after six months in office, voters widely rebuffed rookie Prime Minister Silvio Berlusconi's free-market political party Monday in municipal elections that largely favored former Communists and neo-fascists.

As final returns were counted from the Sunday vote, analysts portrayed the results as a protest against billionaire Berlusconi's attempt to impose austerity on a spendthrift national government with painful cuts in pensions and social services.

Some two million voters elected mayors in 239 Italian cities and towns in races that were principally decided on local issues but also were a national barometer of political malaise.

Overall, the former Communists, now called the Democratic Party of the Left, won most votes, sometimes in improbable municipal alliances with supporters of Roman Catholic parties — their former worst enemies. The right-wing National Alliance, which emerged from postwar neo-fascism to become a partner in Berlusconi's right-wing coalition, ran second nationwide.

In Pisa, a leftist candidate won outright election with an absolute majority. Where there was no absolute majority, runoffs on Dec. 4 between the top two finishers will pit leftists against candidates of the right-wing National Alliance in many cities.

The election marked the first rejection of Berlusconi since he entered politics to head off what he feared would be a left-wing, anti-free market victory in the spring election.

Simpson's Defense Hopes To Call Judge's Wife as Witness

NEWSDAY

LOS ANGELES

The defense in the O.J. Simpson murder case wants to call the judge's wife as a witness, another Superior Court judge said Monday after meeting privately with lawyers on both sides.

Judge Curtis Rappe, after a 45-minute meeting in his chambers, scheduled a Dec. 15 hearing on what he said was "a flurry of motions" he had just received.

He did not explain the motions, which were not released, but he gave the defense a week to perfect and file them and prosecutors a further week to respond.

Rappe announced from the bench that he would question Los Angeles Police Capt. Margaret York, wife of Superior Court Judge Lance Ito, later.

Simpson's lawyers have said they want to question York about a decade-old internal affairs investigation of a group of officers called Men Against Women that took place at the West Los Angeles police station when she was a supervisor there. The group was accused of harassing women officers.

A law enforcement source said York had nothing to do with the investigation.

Robert Shapiro, one of Simpson's lawyers, said he requested Monday's hearing to clarify York's role. If she were called as a witness, it could pose a conflict for Ito that could force him to leave the case.

Graduate Student Council

HAPPY THANKSGIVING!!!

GSC LEADERSHIP WORKSHOP!!!

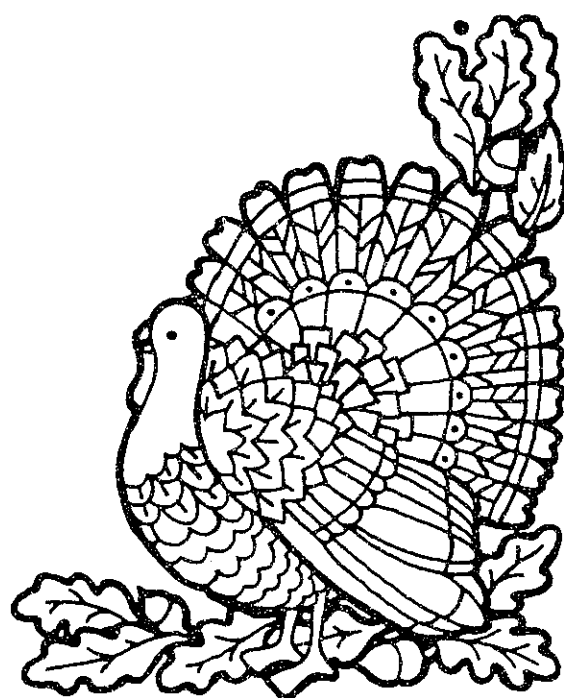
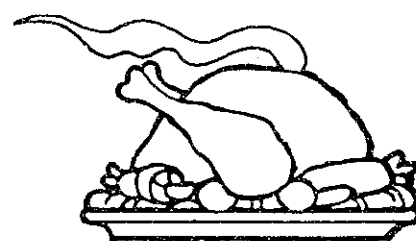
Saturday, December 3, 1994 9 am - 1 pm.

Join us for a morning exercise aimed at improving your leadership skills including running meetings, motivating others, and goal setting.

All graduate students are welcome!!

Those interested in becoming more involved with the Graduate Student Council are especially encouraged to attend. To sign up, contact the GSC in Walker Memorial 50-222, call 3-2195, or send email to gsc-admin@mit.

See you there!!!



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

Stay informed about all our events! Add yourself to our mailing list by typing **blanche gsc-students -a username**, or send email to **gsc-request@mit**. Questions, comments, ideas? give us a call at 3-2195 or send email to **gsc-admin@mit**.

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Misovec Criticism of Card Key System Is Flawed

While I am not a proponent of the card key system, I feel that guest columnist Kathleen Misovec's analysis of the system ["MIT Card Puts Student Safety at Risk," Nov. 18] is flawed in many respects.

If anyone is to fight against the card key system, they should do so with carefully reasoned arguments. Misovec enumerates the flaws of the card system, but never compares it to the current system of keys. The relevant issue is not whether the card system has flaws but whether its flaws make it less secure than keys. Students' privacy is an equally important issue, but not my concern here.

One of Misovec's concerns is that the card key takes longer to use than a normal key. While this may be true, it should not constitute any additional risk. Though the Campus Police can offer us little protection off-campus, the safety of our front doors is probably a very high priority. If you feel that it is reasonable to walk to your dorm, the thought of standing for a few seconds in front of your dorm should not petrify you.

And, yes, it is a flaw of the card key system that the same card which provides access to a dorm identifies its owner explicitly. Remember, though, that the current system relies on keys labeled for each dorm. The labeling is certainly more cryptic than a name, but any intent criminal could find the dorm which corresponds to a given key. And if a criminal does acquire a key and determine where it goes, what can the Institute do? Replace the lock and the keys for everyone in that dorm? You must admit that the ability to invalidate any single key is a great benefit.

Another of Misovec's concerns is that card keys may be duplicated. This is simply wrong. The current system relies on keys which can be and often are duplicated at any hardware store. There is currently no widely available method for duplicating card keys. In this sense, card keys are much more secure than typical keys.

Misovec goes further, implying that putting card readers on Institute buildings would somehow reduce security over the current system of leaving exterior doors unlocked all the time. I think professors will welcome the placement of card readers between the outside world and their lab equipment.

Misovec goes on to explain that unauthorized use of one's meal card causes financial loss. This is the case with any debit card, whether it is also a card key or not. The only new concern is that consolidating the meal card and card key means that losing one card inconveniences you in many more ways.

Finally, Misovec is concerned that students will have to carry both a card for exterior doors and keys for interior doors. Again, this is not a change. Before the card key system, we had to carry our IDs and two keys. Now we only need to carry our IDs and one key.

A card key system is as secure or more secure than metal keys. It is not at all surprising that MIT's administrators would like to adopt card keys. It is only disturbing how little they have considered the students' privacy and how little they have sought our input. If we are to influence the administration, we must approach them with rational arguments.

Brad J. Bartley '96

Card Key Article, Column Fall Short Of Mark

I read the article "Card Keys Sometimes A Problem" [Nov. 18] on the front page of *The Tech*, and began searching for what the specific problems were. It seems that the headline was based on the opinions of two graduate students from the same floor of Ashdown House (the same floor as the writer of the opinion column). Why no mention in the headline of the other developments of the key cards, such as the 30 percent drop in crime, which comprised most of the article?

The column ["MIT Card Puts Student Safety at Risk," Nov. 18] seems even more specious. I don't know how the writer handles her key card, but I have never had to swipe my card "six or seven times." Perhaps I don't use it to jimmy doors enough. The attempt at fear-mongering would be plain silly if the writer didn't claim that exposure to "mugging, theft, and rape" increases. The front doors of dorms are visible not only to everyone outside the dorm but usually to a lobby or a front desk inside. I have found the process of taking out my card, swiping it, and putting it back to be much quicker (and quieter) than searching through a jangling set of keys.

The argument about the monetary problems of someone else using one's MIT Card feels out of place and merely tacked on to the editorial. I realized that when I signed up for a meal plan, that there was a possibility that someone else could use my card before I noticed it lost (which would take a few hours). The solution? Don't have a meal plan. Convenience comes with a price, and this is an old issue that has nothing to do with card readers.

Perhaps most puzzling is the claim that carrying the key card and traditional keys is "a major annoyance." What did I carry last year, before the card readers were activated? My keys and my wallet. What do I carry now? My keys and my wallet.

The only plausible point of the column is

the potential for the administration to "track" students. The potential. The current equipment simply does not give the computers any high degree of information, except for, sometimes, when I enter my dorm. Not when I leave. Not when I go to sleep. Not when I go to the bathroom. Not when I enter the dorm with a group of people. And not when the desk worker buzzes me in.

Is this *The Thistle* or *The Tech*?

Daniel J. Weber '97

NomComm Should Be Used to Select Student Representatives

The Tech received a copy of the following letter sent to Provost Mark S. Wrighton.

Dear Provost Wrighton,

The Undergraduate Association Executive Committee was pleased to hear that a committee has been formed to assist in finding a replacement for Arthur C. Smith, dean for undergraduate education and student affairs. This position is especially important to students, as students want someone who will represent their views to the MIT administration and include them in the decision-making process at MIT.

Although we are pleased to see undergraduate representation on the search committee, we are quite concerned by the process by which they were chosen. The selection methods that you and Professor Linn W. Hobbs used neglected to include student opinion on whom the student members should be. Considering that the four students on the committee are to represent the entire undergraduate population, we feel that they should have been selected with the input of their peers.

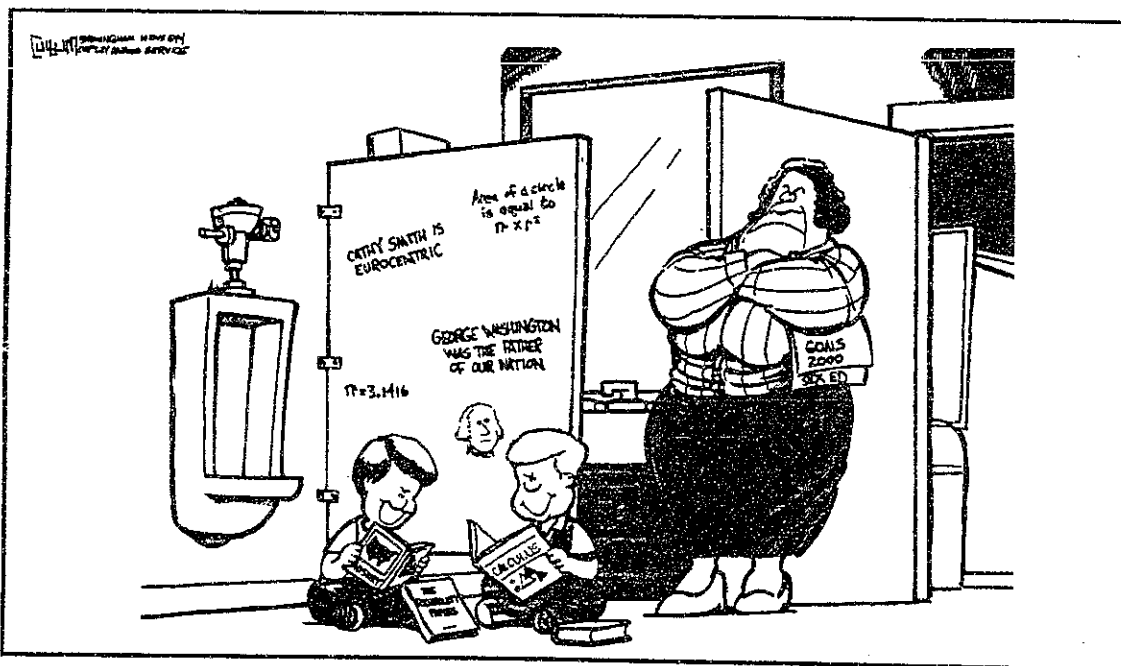
We have several concerns in particular. First, the process used to select students for the committee was overly secretive. Few students even knew that such a committee was being formed, much less that students would serve on this committee. Also, student opinion was not solicited when appointing students to the committee. As stated, student opinion should have been considered when selecting student representatives for this important matter. The unfortunate result of the selection procedures is that the students selected cannot be considered representative of the student body.

Historically, the Undergraduate Association Nominations Committee has selected students for Institute committees. The Nominations Committee process is open, fair, and allows students to have input in the selection of student representatives. The Nominations Committee process is the method by which students are supposed to be selected for Institute committees. This process should not have been circumvented for this Institute committee — especially given the importance to the student body of this committee's decisions.

We are beginning to perceive a disconcerting trend in the appointment of Institute committees; increasingly, it appears that appointees are being selected by personal preference rather than by a democratic or quasi-democratic process. We hope that this trend will not continue. As you are aware, MIT is established as an academic community of faculty, administrators, and students. As members of the MIT community, students are entitled to be included in all aspects of the decision-making process at MIT. We are hopeful that this right will continue to be respected in the future.

Vijay P. Sankaran '95

Undergraduate Association President



East Campus Offers a Unique Undergrad Environment

Guest Column by Erik S. Balsley

I am writing this column to address the issue of moving all undergraduates to the west side of campus that has recently become an area of concern to many students.

As a resident of East Campus I am opposed to any such move. However, I feel that I am in a unique position to express my concerns over such a plan because I have lived in west campus dormitories during my first two years here at MIT, and have experienced the differences between undergraduate life on both sides of the campus. By explaining some of the reasons behind my decision to move and some of my observations, I hope a fuller picture of the impacts of such a move can be developed.

There were many personal reasons that had a large factor in influencing my decision to move, but there were also a large number of general reasons as well. When I was living on west campus I was always disturbed by the compartmentalization of life there. The way the dorms are arranged in a line along Memorial Drive makes it very difficult for someone who lives in Burton-Conner House, for instance, to meet with someone from a dorm farther down Amherst Alley, such as Next House. The person will not go beyond their dorm unless they have a specific reason to do so. This is especially true in the winter when the "MacGregor Wind Tunnel," or the funneling of high winds along the base of the MacGregor tower, make one less prone to walk through that area without some cause.

This tendency for people to remain in their dorms leads each dorm to take on a character of its own. Social interactions remain within one's individual dorm. While this is not in itself a bad thing, if there is poor communication between other dorms, each dorm remains a separate from the others. People are less likely to have chance meetings with each other and greet each other when they do.

That's one of the reasons I chose to move to East Campus. Most people I meet there are more prone to be friendly and social when their paths do cross. The design of East Campus facilitates people meeting. The two parallel buildings mean people face each other and the long hallways make it so that movements

through the building require you to pass by many doors, and thus people. As a result you will be more likely to meet people and be more friendly, or at least that is my experience. This means that people will be more likely to stop you and actually get into conversations.

On a daily basis EC is more social than other west campus dorm. The location of the dorm itself (between various academic buildings) enhances the qualities that I have mentioned. One is also prone to meet people from outside EC as well, increasing communication between people and enhancing the sociability of the place. I believe this is keeping in line with the overall design of the Institute's plan that has buildings interconnected to facilitate communication between the various areas of study. Don't students have things to communicate as well? Why shouldn't they be allowed to stay where they are and add to the fabric of MIT?

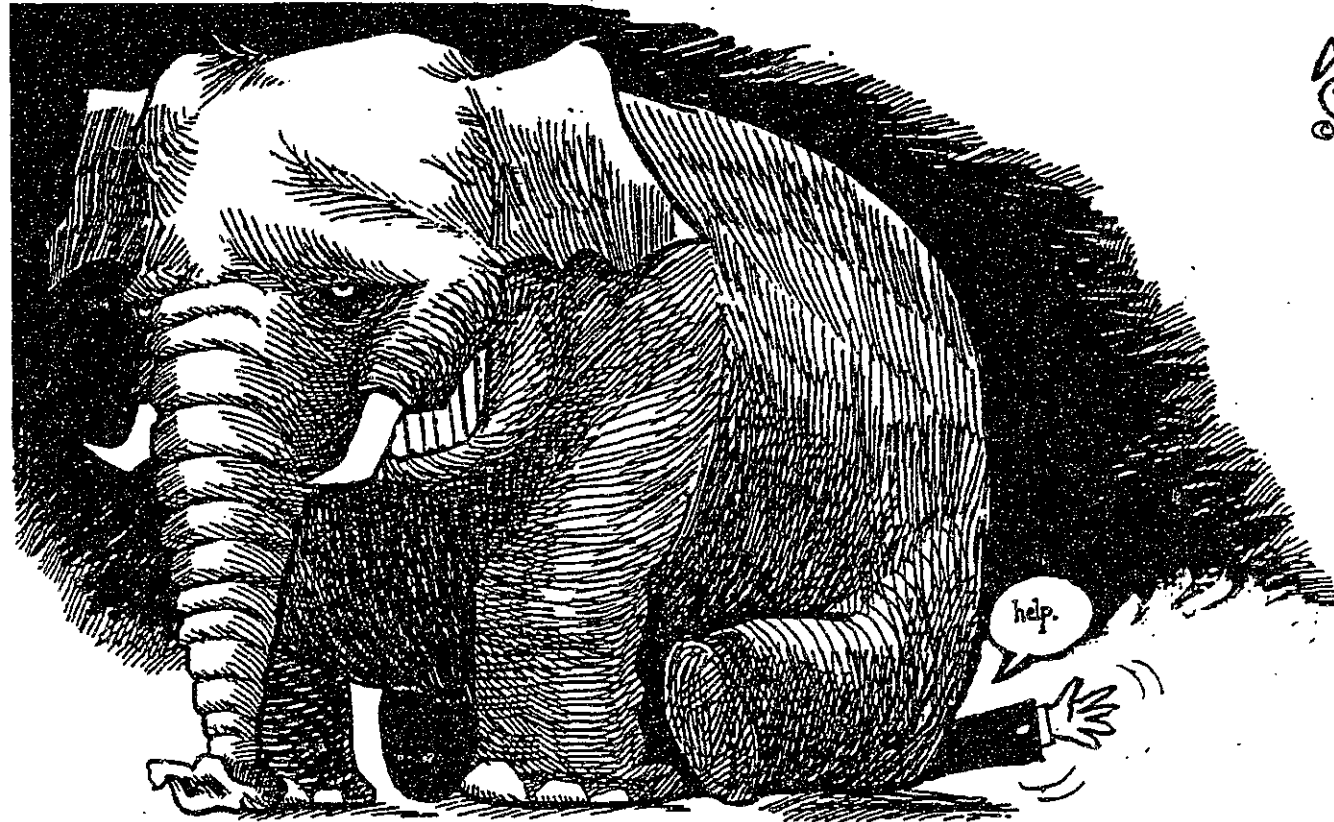
This is what is missing in the design of dorms on west campus — connections between people. The dorms on the east side feel more relaxed than those on the west side, even though the same pressures of classes and such are present. I feel the relaxed atmosphere helps me study more effectively than when I was living on west campus, as I am not concentrating so much on how much stress I face.

To be fair the dorms on the east side of campus have their faults and may not be ideal places for everyone. It can be too noisy at times, and there are roaches and mice. The buildings themselves, as the renovations imply, are not in the best physical condition. However, for many the benefits outweigh the problems, and for them it is the best place in which to live. Often times these benefits can not be expressed using statistical data about costs or composition of student life. The benefits are subtle and can only be fully appreciat-

ed by experiencing them, either by living there or visiting.

Because many of these benefits can only be appreciated by experiencing the dorms, student input into the future of the residences must be considered. I can understand how the Institute believes that moving all undergraduates to the west side of campus would create a greater sense of community. All undergraduates would be in closer relation to one another and could foreseeably communicate more.

However, from experiencing the dorms on that side of campus, I feel that would not be the case. Moving all undergraduates to one side of campus would destroy the good things about the east campus design, while accentuating the deficiencies in the west campus design. East Campus was and is the best environment for me. I would hate to see undergraduates lose the chance of experiencing east campus, and losing their choice to live there.



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THE ARTS

MIT Concert Choir performs *The Creation* with spirit

MIT CONCERT CHOIR

John Oliver, conductor.
Dominique Labelle, James Kleyla, and Maynard Goldman, soloists.
Kresge Auditorium.
Friday, Nov. 18, 8 p.m.

By Thomas Chen
STAFF REPORTER

For those patient enough to hold the tempting Friday night premiere of Star Trek *Generations* in abeyance, they were rewarded by a thoughtful performance of Franz Joseph Haydn's *Die Schöpfung* (*The Creation*), performed by the MIT Concert Choir, under the direction of John Oliver. The choir was accompanied by a fine orchestra of local musicians and headed by a trio of vocal soloists, soprano Dominique Labelle, tenor Richard Clement, and baritone James Kleyla. Most recently, Ms. Labelle has appeared previously with the MIT Concert Choir in Verdi's *Requiem*; Mr. Clement and Mr. Kleyla have sung with the Concert Choir in last year's performance of the Bach *B-minor Mass*.

The Creation is an oratorio, which is a vocal work on a religious theme that is not acted out. Probably the most famous oratorio is Handel's *Messiah*, from which the often over-played "Hallelujah" chorus is taken. In its day *The Creation* was an extremely popular piece of music and is still a favorite among music-lovers; it is surely one of Haydn's most inspired works.

Popular in many European countries, this oratorio's text is loosely based on Milton's *Paradise Lost* and survives with the composer-approved English text. This three-part story of Genesis is told by three archangels, Gabriel (soprano), Uriel (tenor), and Raphael (baritone). The characters Adam and Eve are also featured toward the end, represented by the baritone and soprano, respectively.

One of the most curious historical aspects of *The Creation* was the original orchestra's size as chosen by Haydn. As the authentic performance movement reminds us, typical

orchestras in the late 18th Century were usually no bigger than modern-day chamber orchestras. However, as recorded in an account by Johan Berwald (relative of Franz Berwald), the orchestra and chorus that Haydn led was absolutely huge, including an almost Mahler-esque tripling of the wind parts.

As always, the MIT Concert Choir is a pleasure to listen to and conducts itself with the utmost professionalism. After being hot-pressed last year with Verdi's ultra dynamics and lengthy unaccompanied choral passages, *The Creation* must have been a welcome relief.

At times, however, the chorus was not so impressive. After the very bold, tension-building introduction one of the first climactic moments is the proud proclamation of "Let there be light" by the singers. The chorus's wimpy delivery of this particular instance was disappointing, as its minor-to-major, soft-to-loud transition is meant to be a very dramatic moment.

Except for a slightly laborious "The heavens are telling," the tempos and phrasing were generally pleasing. Indeed, it is very satisfying to hear an amateur chorus blaze through some heavy coloratura passage work and still retain the contrapuntal argument of Haydn's music. Most impressive of the evening was a deftly executed "Achieved is the glorious work" and an absolutely thrilling "The Lord is great, and great His might."

Aside from an inaudible (or perhaps just shy) alto soloist at the very end, the primary vocal soloists were quite successful in their respective roles. They were all willing to sing with freedom yet maintain the spirit of the written score at the same time.

Both Clement and Kleyla sang with the highest standards and interpretive integrity. From the outset, Clement demonstrated his tonal variety, gliding effortlessly through recitatives like "In splendor bright" that can sometimes seem stodgy if taken too literally. Kleyla's Raphael was authoritative and evinced great vocal daring, especially in "And with devoted heart His bounties celebrate," which

was uttered with the barest of pianissimos.

Labelle delivered her lines with great facility, but her tonal texture was not suitably matched with those of the tenor and baritone. Though beautiful in its own right, Labelle's sharp tone sounded stylistically too different from those of her colleagues, most evidently in the trios. Unquestionably accurate, her voice blended best when Eve appeared to duet with Adam, probably an interpretive gesture to portray the innocence of the first woman. Her interpretation overall was very interesting. Her well-controlled coloratura and imaginative ornamentation on held notes were pleasantly surprising. Most delightful of all was the cute little trill on the word "happiness" in "Grows my pride and happiness."

The instrumental support was adequate for the task at hand, and John Oliver's approach was clear-cut and well-defined. Because of the nature theme of *The Creation*, Haydn, known for his good-humored music, amused his audience with plenty of musical references to words in the text. For example, the audience

chuckled at the low horn trills which represented a roaring lion. And of course, all heard what a contrabassoon sounds like during Raphael's "By heavy beasts the ground is trod."

Aside from an accidental honk from the clarinet and a late oboe to open Adam and Eve's first duet, the orchestral contribution was usually very satisfactory. The biggest complaint should be lodged against the exceedingly staid harpsichordist, who produced little more than boring broken chords and simple arpeggios. Although the score specifies a harpsichord for the continuo, Berwald's written account of the earliest performances records Haydn using a fortepiano. Either way, if it were not for the colorful singing of the soloists, the recitatives with continuo could have been truly soporific.

All in all, the MIT Concert Choir has retained a high level of singing and will probably do so for the semesters to come. It seems that whatever the MIT Concert Choir does under its excellent leadership is destined to be a definite success.



Members of the MIT Concert Choir sing during the finale of last Friday's performance of Joseph Haydn's *The Creation*.
THOMAS R. KARLO—THE TECH

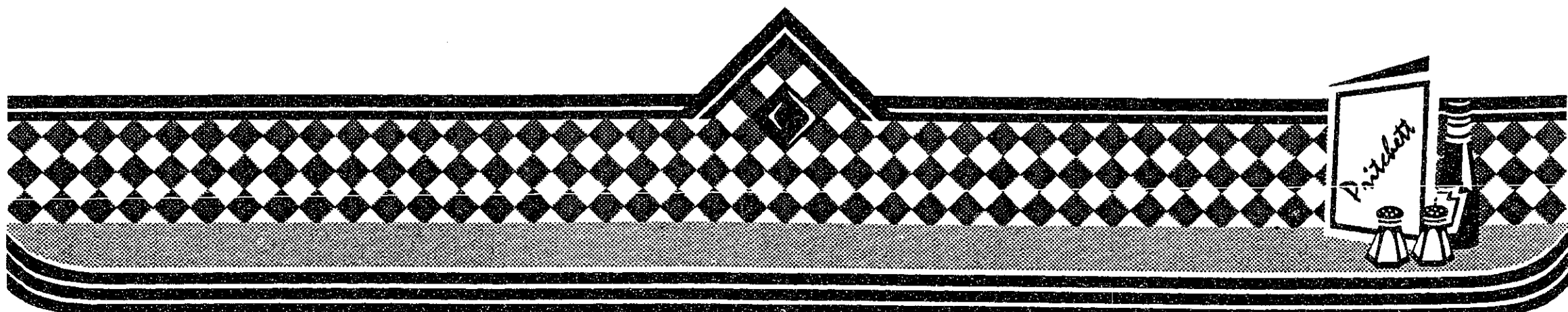
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Fable-like *Teibele* appeals with simplicity, lusty humor

TEIBELE AND HER DEMON

The New Repertory Theatre.
54 Lincoln St., Newton Highlands.
Shows weekly (Wed.-Sun.) through Dec. 18.

By Hur Koser

The play *Teibele and Her Demon* focuses particularly on one human drive that is indispensable in its nature: lust. This erotic "fable" is set in a late 19th-century Polish town (known as a shtetl), where Jewish tradition forbids an abandoned wife to remarry, unless her missing husband is proved to be dead.

Teibele is such an abandoned wife that has managed to live alone for years. She is prominently attractive; yet bound to tradition and religion, untouched since her husband has left.

One of her admirers, Alchonon, finds out about her superstitious beliefs about demons and decides to make use of it. The play proceeds rapidly with lusty humor and burning passion, entertaining the audience with the mesmerizing tale of a desperate lover's plot to win Teibele.

The play is performed in a theater room which perfectly serves for the intended effects on the audience. It is a relatively small, cozy room in the Newton Highlands Congregational Church with a capacity of about 150 people. The stage is tilted toward the audience to maximize the audience's silent involvement as outsiders in the fast progression of events. The overall effect resembles a miniature Greek amphitheater that has been modified for the modern audience's needs.

Even the climax and the conclusion is sim-

ilar to that of an ancient tragedy, in the sense that they are presented as unironic, inevitable consequences of the first part of the play. I don't think that *Teibele and Her Demon* can be classified as a "liberal" stage work — although the themes of demons and deadly lust might well be considered in such a category. Rather, the format and the setting of the play is simple, which makes the play somewhat appealing.

Also worth noting is that the author of this play, Isaac Bashevis Singer, won the Nobel Prize for Literature in 1978. Originally from Poland, he emigrated to New York in 1935. He is well-known for his short stories and novels; this particular play is the author's adaptation from one of his short stories. One is tempted to think that it is probably due to this reason also, as to why the play manifests itself as "familiarily simple."

Unlike a customized short story, though, *Teibele and Her Demon* is far more than a skillful construction of events in succession. It's a close-up look at a tightly-knit community that was isolated from the outside world. The shtetls continued their existence as a shelter for Jews until after World War II, when most of the shtetls and its inhabitants vanished.

In Irving Howe's phrasing, the shtetl was "nestled in the crevices of a backward agricultural economy, where Jews, often prohibited from ownership of land, had to live by trading, artisanship, and their wits."

The inhabitants of these small but overcrowded towns naturally chose to use their community life to relieve their alienation from the world outside. Religion pervaded every

aspect of their lives, acting as a barrier against the hostility of that outer world. Many of the men were engaged in religious scholarship: For the learned, there was the Talmud; for those who wanted to go beyond, there was the Cabala. It turns out that Zohar, one of the books of the Cabala, deals with demonology, a subject that fascinated Singer and occupies much of his work.

The role Singer has designated for Alchonon, who disguises himself as Teibele's demon, seems to be the only challenging one, though to a certain extent it depends on his

interaction with Teibele (Rebecca Bayla Taichman). I should remark that Michael Hammond, as Alchonon, deserves much of the credit for presenting the duality of human nature in his performance.

Teibele and Her Demon is the second of five productions scheduled for the 1994-95 season at New Repertory Theatre in Newton Highlands. Tickets (\$16-26) are available through the theater box office at 332-1646. It definitely promises to be an entertaining evening, and, if you can manage it, is worth the trouble of rescheduling your busy time.



Nada Despetovich and Rebecca Bayla Taichman star in *Teibele and Her Demon*.

Write reviews for *The Tech!*
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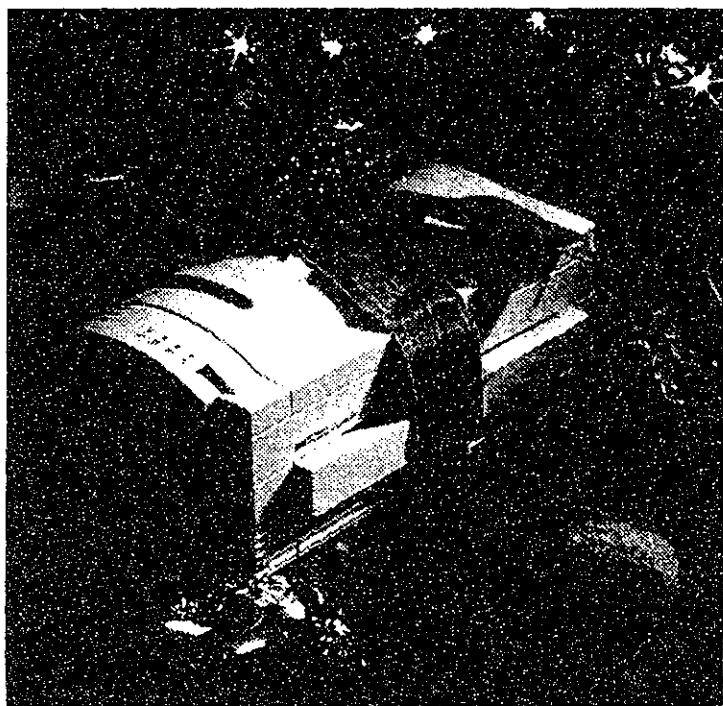
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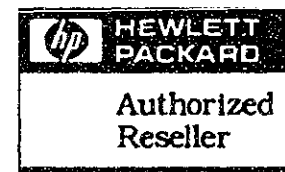
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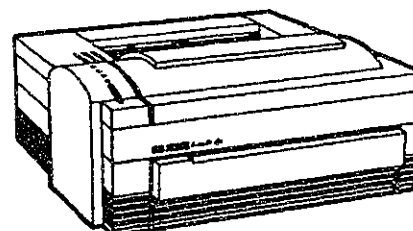


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Vest Calls for Better Relations with Gov't

By Ramy Arnaout
NEWS EDITOR

MIT must rework its relationship to industry and government in order to "address the challenges of a new era" successfully, said President Charles M. Vest in his annual report, which was released in October.

In the aftermath of the Cold War, traditional government support for basic academic research has abruptly and seriously eroded, Vest said. "The sense of partnership between government and universities has decayed dramatically."

This new rapport threatens the future of the flexibility and support needed for science to continue to serve society, Vest said.

"The past few years have seen a continuing attempt on the part of both Congress and the administration to shift substantial portions of the cost of conducting university research away from the federal sponsors of that research," Vest said.

Congress' new mood puts increasing pressure on MIT tuition, gift, and endowment revenues to foot the bill for research, he said.

Threatened cut shows new mood

The gravity of the situation was underscored this summer in Congress, Vest said. A House of Representatives appropriations subcommittee passed a bill that threatened to cut the Department of Defense's 1.8 billion 1995 university research budget by more than half (DoD Cut Threatens Research, 11/20).

"The potential damage of [the cut] was imponderable," Vest said. DoD funding supports over 75 percent of MIT's electrical engineering research as well as about 50 percent of research in other critical fields such as mechanical engineering, computer science, and materials science and engineering, he said.

"Only at the 11th hour during a Senate-House conference was this cut modified, but we were still left with a destructive 14 percent cut — \$200 million reduction in funding of DoD sponsored research on our nation's campuses," Vest said. This is not a stable way to conduct federal policy."

Such instances have prompted MIT to "work with great intensity to promote understanding of the issues among members of Congress and their staffs," Vest said in the report.

Government support of basic research is essential to the long-term success of universities and to the nation's future, Vest said. In addition, government, industry, and academia should work together to identify and set broad goals for research as critical to the well-being of the nation. Such areas include the environment, energy, transportation, telecommunications, and more livable cities, he said.

It "simply is too early" to tell whether the major Republican congressional gains will impact MIT's ability to help develop long-term policy, he said later in the report. However, "the importance of education and research transcends party politics," he said.

Another fundamental goal of the institute will be "preparing students to live, work, and exercise leadership in an increasingly international context," Vest said.

To this end, "our curricula are being revised to meet new needs, challenges, and opportunities," Vest said.

MIT students now must learn interdisciplinary and molecular biology. Mass-level education in our Schools of Engineering and Management is being altered and integrated."

Working contract with industry

Industrial issues have become intellectually challenging and exciting from the perspective of faculty and students," Vest said. "Indeed, we need each other as ever before."

The end of the Cold War and the incredible expansion of global electronic communication have had a hand in producing intense competition among businesses, Vest said. The change presents significant opportunities for MIT, "which was founded to create a strong, even unique, relationship with industry."

"Researchers and engineers from industry and university faculty should spend significant time in each other's domains in order to undertake cooperative projects, both basic and applied," Vest said. While he noted that scientists might be averse to taking time off projects, Vest urged the MIT community to "get serious about this. Every other country in the world seems to encourage" such exchanges.

In addition, "MIT has taken a number of steps to ensure a good dialogue among faculty and industrial leaders and to complement the ongoing activities of our Industrial Liaison Program," Vest said.

Council Focuses on Education

By Karen W. Seto

The Institute-wide Council of Primary and Secondary Education is designing and supervising programs

Feature

to lessen the deficiencies in U.S. K-12 education, especially in the areas of math and science.

The main goal of the CPSE is "technological literacy for all Americans," said Professor of Materials Science and Engineering Ronald M. Latanision, chair of the council. Science, math, and technology penetrate into every aspect of society, he said.

"With only about 30 to 40 percent of all American students eventually attending college, many of the [remaining] are very underprepared for the technological demands of today's society," Latanision said. "We feel great sympathy for those who lack that background."

While the programs sponsored by the Council have enjoyed success, finding the necessary funding is a challenge, Latanision said. "Council members are not paid to

do this — they find time to make a commitment to CPSE," he said.

Institute teaches teachers

One of the programs supervised by the council, The Institute for Learning and Teaching, brings community-based teams of primary and secondary school teachers, administrators, and business representatives from across the country to MIT for three weeks in July, according to TILT Communications Manager Linda Breisch.

TILT is managed by a design team of six MIT professors and administrators and a Boston-area school teacher, Breisch said.

The program participants attend workshops designed to build negotiation and team cooperation skills and discuss and propose solutions to educational problems, Breisch said. The attendees also work on hands-on projects they can bring back to their students.

Last summer's projects included constructing bridges to support crossings of miniature robots and building a device to pump water from a reservoir to an elevated tank,

Breisch said.

During the academic year following the residential phase, TILT grants each team \$10,000, a one-year loan of a laptop computer, and a subscription to *America Online*. TILT provides support throughout the year to assist each team, Breisch said.

In addition, the team can request the help of an MIT student for one week during Independent Activities Period, she said.

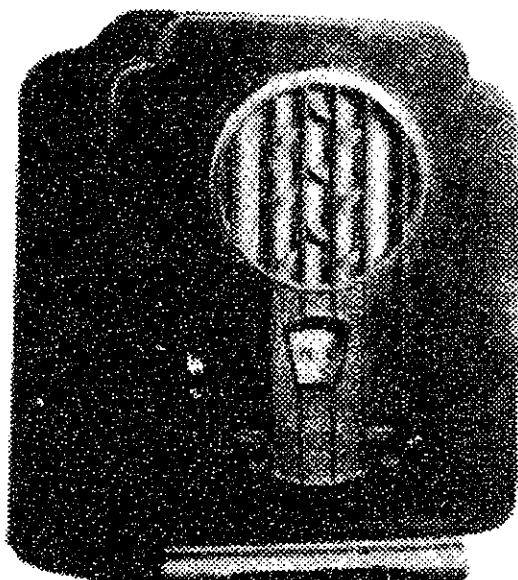
TILT, which is two years old, is "still growing and evolving," Breisch said. "We're looking at the good and the bad, and still working on a mission," she said.

TPP prepares students to teach

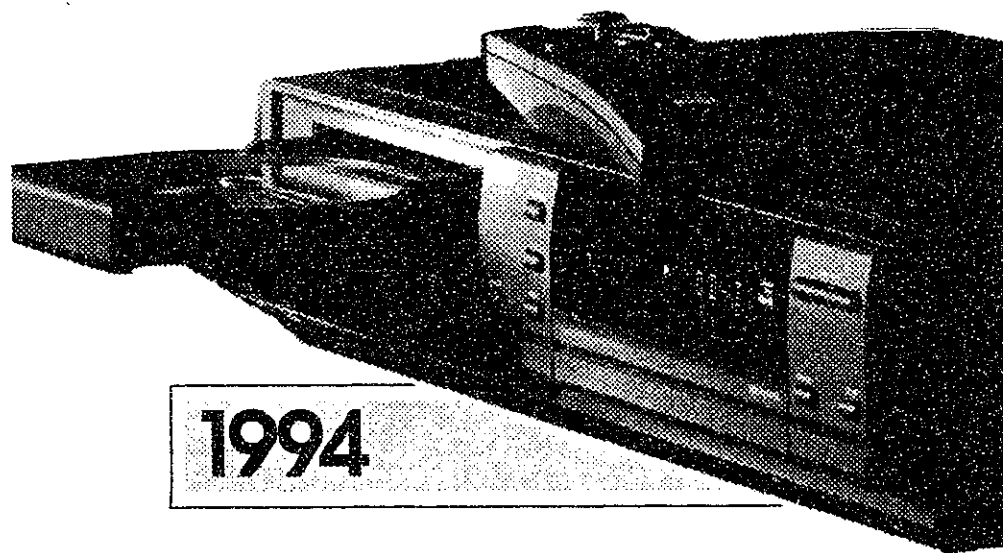
Another CPSE program, the Teacher Preparation Program, certifies students to teach in Massachusetts. The program is headed by Professor of Music and Theater Arts Jeanne S. Bamberger and Professor of Brain and Cognitive Sciences Susan Carey. TPP is run jointly with Wellesley College.

TPP allows students to take

CPSE, Page 13



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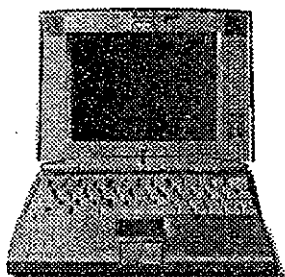
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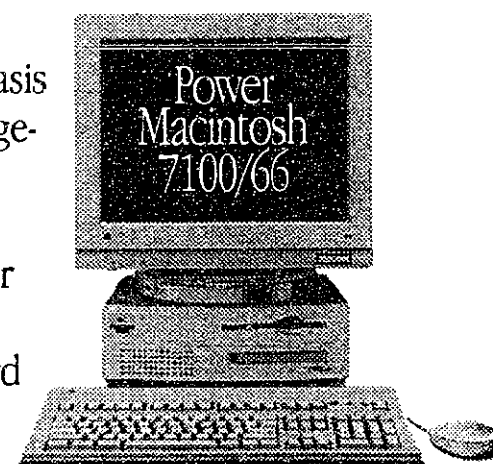
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SHPC Report Due Next Week

Senior House, from Page 1

uate Association Committee on Student Life.

Hollywood is preparing a survey on student life that will be distributed during the first week of the spring semester.

Despite the delay of a final decision until IAP, some students felt they should have been informed of the impending decision earlier. "I think we all would have liked to have known from the beginning," Richkus said.

The administration began reviewing plans for Senior House and whether it should be used for undergraduate or graduate housing just after Residence and Orientation Week, Smith said.

"I think we would be less rushed right now ... and balancing all of our classes with all of this is a pretty tough thing to do," Richkus said.

Report expected Nov. 30

The Strategic Housing Planning Committee hopes to deliver a pre-

liminary report on the renovation and future status of Senior House to the senior officers of the Institute by Nov. 30, Smith said. The report will outline different options available to the administration.

However, it remains to be seen if the report will be ready by Nov. 30. "We'll have some trouble making that deadline. We'll do our best," said Robert M. Randolph, senior associate dean for undergraduate education and student affairs and chair of the SHPC.

A final decision about the future use of Senior House will be made by Vest, Smith, Senior Vice President William R. Dickson '56, and Provost Mark S. Wrighton, Smith said.

Vest said that students should make their concerns known to the SHPC. "This committee will see that Art Smith and others are informed of concerns and ideas," he said.

The committee has sought input from many student groups. "We're pretty much aware of what student

concerns are," Randolph said.

Smith and Randolph have talked to many students about options being considered. "I'm going to be meeting with a range of students from Senior House," Randolph said.

Hollywood met with the housing committee for over an hour yesterday, discussing the UA report on housing and R/O and student opinion on housing issues.

Randolph said that students could be most effective by meeting with individual members of the committee, who could then pass information along to the entire committee.

The members of the committee are: Randolph; Stephen D. Immerman, director of special services; Robert K. Kaynor, associate director of planning; Lawrence E. Maguire, director of housing and food services; Susan R. Personette, senior architect for Physical Plant; Phillip J. Walsh, director of the Campus Activities Complex; and Margaret A. Jablonski, associate dean for residence and campus activities.

Committee Selection Upsets UAP

Dean, from Page 1

Wrighton's expectation that a new dean or deans will be in place by September 1995, Hobbs said.

The committee will look both within the MIT community and in the outside academic community for possible replacements for Smith, Wrighton said.

Smith became acting dean of student affairs in July 1990, following the resignation of Shirley M. McBay. He became dean of the combined offices of undergraduate education and student affairs after the 1992 death of Margaret L. A. MacVicar '65, the Institute's first dean for undergraduate education.

Whether the offices remain combined under one dean or "should be divided or apportioned in some other way remains an open question," Hobbs said. The advisory committee will address that issue, he said.

"The final formula could well depend on the individual or individuals identified for these responsibilities," Hobbs said.

Other faculty members on the committee are: Professor of Electrical Engineering and Computer Science Harold Abelson PhD '73, Professor of Biology Gene M. Brown, Professor of Civil and Environmental Engineering Sallie W. Chisholm, Professor of Political Science Kenneth A. Oye, Associate Dean of the School of Humanities, Arts, and Social Sciences Harriet Ritvo, and Professor of Mechanical Engineering James H. Williams Jr '67.

UAP displeased with selection

Sankaran said he was displeased because the student members were not selected by the UA Nominations Committee, which is the normal procedure used when appointing students to Institute committees, such as the Committee on Discipline.

"I think that the selected students are qualified, but I think the process

was very poorly done," Sankaran said. "The most important thing is that the committee represents the students well."

The student members were chosen "after consultation with deans and staff of the UESA, departmental undergraduate officers and administrators, faculty committees, and faculty" but no students, Hobbs said.

The student members are: Jonathan A. Allen '96, Keith V. Bevans '95, Arley Kim '95, Philip W. Tracadas '95, and Susan L. Iprig.

Director of Special Services Stephen D. Immerman represents the administration on the committee.

"An attempt was made to balance the interest of the various MIT

communities in the final selection, so it is our hope that the committee fairly represents the MIT population," Hobbs said.

However, Sankaran said he felt the committee selection process was very secretively done. Most students did not know there was an opportunity for them to serve on the search committee, he said.

"We are beginning to perceive a disconcerting trend in the appointment of Institute committees," Sankaran wrote in a letter to *The Tech* ["NomComm Should Be Used to Select Student Representatives," page 4]. "It appears that appointees are being selected by personal preference rather than by a democratic or quasi-democratic process."

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EECS Continues to Be Sophomores' Top Major Choice

Majors, from Page 1

1992.

One reason for the continued increase is "the growing awareness of biology at MIT," said Professor of Biology Graham C. Walker, undergraduate officer for the department. The biology department has put much effort into teaching the introductory courses well, he said.

The nationwide surge in the number of pre-medical students has also contributed to the increase, Walker said. "Biology is the most common major chosen by pre-meds, although there are pre-meds in departments across the Institute," he said.

"The growing awareness in society of the impact of modern biology on health and on our lives" also helped, Walker said. He cited developments regarding the breast cancer gene and DNA testing in the O.J. Simpson case as examples of public exposure to biology.

The increase was unexpected, Walker said. "We were expecting, at most, a 10 or 20 percent increase, not a doubling in two years," Walker said. The increase might reflect a cyclical trend that all departments experience, he said.

"We're obviously excited to teach biology," Walker said. However, "it's posing some logistical challenges, particularly with respect to teaching laboratory courses."

There might also be an increase in the number of biology majors during the year as there was last year, Walker said.

Decline in physics majors

The number of sophomore

physics majors decreased to 48 from 60 last year and 75 two years ago. Isabel C. Vasconcelos, undergraduate administrator in the physics department, said that the reason for the decrease is unclear.

The downward trend might be

due to incorrect perceptions of physicists, Vasconcelos said. "There could be a perception that there may be less jobs available to people with a bachelor's degree in physics, which is not in fact the case," she said.

The cyclical pattern of interest observed by all fields is another possible reason for the decrease, Vasconcelos said. "I think there's a tendency for these things to go up and down, and we could be surprised next year by having more majors."

"People choose physics because they really love physics. ... The only thing you can do is expose people to physics, and not much more," Vasconcelos said.

Sophomore enrollment in the Sloan School of Management more than doubled from 17 last year to 35.

Reasons for the sharp rise include a perception that management has much relevance to students receiving technical degrees, said Thomas J. Allen PhD '66, senior associate dean of the School of Management. "The majority of our graduates end up in management at some point in their lives anyway, and students are realizing that."

Major	Class of '95	'96	'97
Civil and Environmental Engineering	38	48	42
Mechanical Engineering	163	126	130
Materials Science and Engineering	47	35	35
Architecture	29	25	14
Chemistry	46	33	42
Electrical Engineering and Computer Science	301	327	300
Biology	75	116	130
Physics	75	60	48
Brain and Cognitive Sciences	11	23	16
Chemical Engineering	99	123	111
Urban Studies and Planning	5	4	3
Earth, Atmospheric, and Planetary Sciences	1	3	8
Ocean Engineering	3	2	1
Economics	13	26	23
Management	21	17	35
Aeronautics and Astronautics	30	42	35
Political Science	4	6	3
Mathematics	41	31	31
Mathematics with Computer Science	14	17	12
Humanities	2	4	1
Nuclear Engineering	15	10	4
Linguistics and Philosophy	1	1	0
Undesignated	45	64	42
Total Registered	1079	1143	1067

Judge Reviewing Motion to Dismiss

LaMacchia, from Page 1

The defense has been hopeful that the case would be dismissed on this basis.

"It is a positive sign that the judge refused to set even a tentative trial date or a date to argue the motion to suppress evidence," Silverglate said. "I think [Stearns] did this because he is inclined to grant the motion to dismiss the indictment."

"I continue to feel very strongly that the government cannot proceed under the broad and vague 'wire fraud' laws to prosecute what is at heart a copyright matter," Silverglate said.

The wire fraud charge is a criminal violation, while copyright infringement is a civil violation.

"The government claims that [LaMacchia] committed a civil, but not a criminal, violation," Silverglate said. "If this is so, then how can the government turn it into a crime simply by proceeding under a different statute?"

A spokesperson from the U.S. Attorney's office said that the prosecution would not respond to the hearing until Judge Stearns has made a decision.

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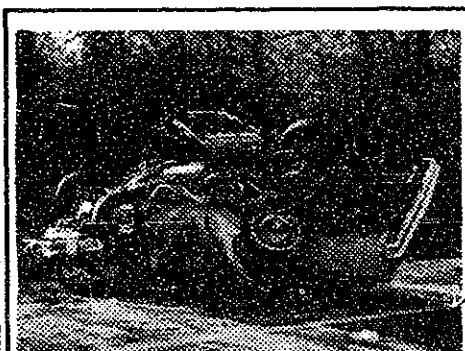
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Baker Foundation to Evaluate Advising

Advising, from Page 1

advising systems need to be improved, Kim said. Some departments have already initiated improvements, but Kim hopes to bring up advising in all departments to a certain level.

"Our tentative plan is to focus on a few departments and provide a game plan" for improvement, Kim said.

Programs such as the training program for advisers in the physics department and the innovative sophomore seminars in chemical engineering are laudable efforts to improve academic advising, Kim said.

Expectations differ

Margaret S. Enders, associate dean of undergraduate education and student affairs, agrees that there is room for improvement in academic advising. "I personally think the system could be better," Enders said.

More programs addressing such topics as post-MIT life and low-level training for advisers would be beneficial, Enders said. However, she also believes that the expectations of advisers may not completely agree with what some students expect from them.

"I don't think that MIT can expect every faculty adviser to be

everything a student wants," Enders said. "Some students don't want someone to do anything other than sign the form. Other students need a lot more guidance."

Mark D. Rentz '96 sees his adviser about two to three times a term. He considers his adviser as his resource for what is going on in the department.

Ernest G. Mireles II '96 had mixed feelings about how he wanted to be advised. "Sometimes, with forms, you just want them to sign it without saying much; but sometimes, if they have advice, they should give it to you," Mireles said.

Enders suggested some of the onus could be on the student to seek out other resources in addition to their advisers, such as the undergraduate office in their department or the Undergraduate Academic Affairs Office. Many questions can be answered better by administrative faculty directly involved with the question than by the academic adviser, she said.

Kim agrees that there is a debate of whether students should be led by the hand or should be more independent. Student opinion will be revealed in the survey, she said.

"I like the fact that the Baker Foundation is doing something about it. I think out of it, probably, you'll see people paying attention," Enders said.

CPSE Runs Educational Outreach Programming

CPSE, from Page 9

teacher preparation courses emphasizing the relation between the school and community through the Department of Urban Studies and Planning, Latanision said.

"Traditionally, teachers have often been portrayed as underachievers, but MIT students are not underachievers," Latanision said. "We want to show that teaching is a respectable profession."

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"The class [11.124] is very interesting, very worthwhile," said TPP student Becky Wagenberg '96.

Enrollment in the program doubled to 14 from last year, Bamberger said. "One of our hopes for the future is that there be a concentration or even a minor in education at MIT," she said.

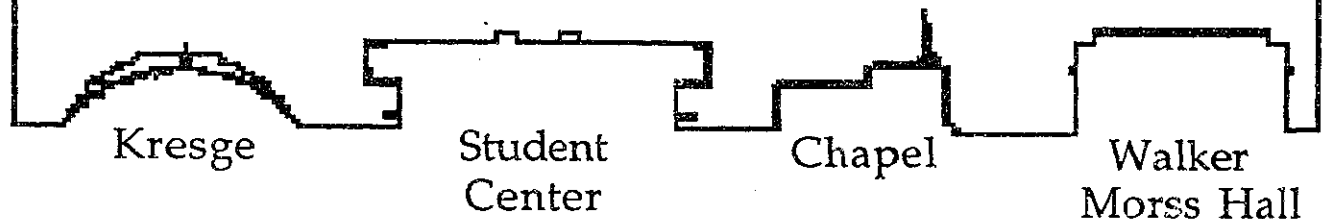
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Apartment/room wanted near Kendall Square. Non-smoker, extremely nice guy. Call Abid at 225-8173.

■ Travel

Travel Free! Spring Break '95! Guaranteed lowest prices to Jamaica, Cancun, Bahamas, Florida, South Padre, Barbados. Book early and save \$\$\$! Organize small group and travel free! Call for free info packet. Sun Splash Tours 1-800-426-7710.

■ Travel

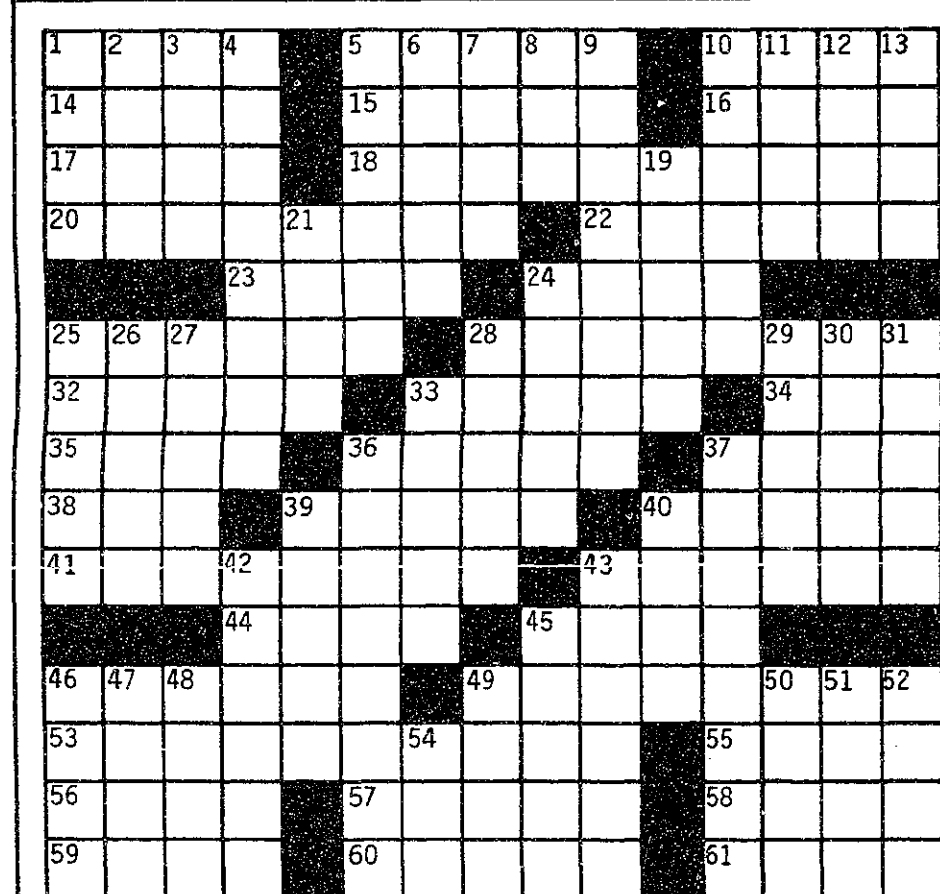
Hitch The Skies With Airhitch Carrib/Mex \$189 R/T, Europe \$169, California \$129. Call for FREE program description 800-326-2009.

■ Clubs

Stuyvesant High School Alumni-MIT has a Stuy alumni chapter for YOU! Get involved and keep those Stuy bonds strong! Get to know more upperclassmen who are in your major! For more information, contact Angela at 225-8547.

■ Services Offered

Legal problems? I am an experienced attorney and graduate of MIT who will work with you to solve your legal problems. My office is conveniently located in a downtown Boston, just minutes from MIT via the MBTA. If you have a question involving litigation, high tech law, consumer or business law, family law, real estate or accidents, call Attorney Esther J. Horwich at 523-1150 for a free initial consultation.



ACROSS

- 1 Football players
- 5 Rich or prominent man
- 10 Scarlett's home
- 14 Defeat soundly
- 15 Market place
- 16 English river
- 17 Roman road
- 18 Military stance (2 wds.)
- 20 Living by a certain religious vow
- 22 French painter
- 23 Take out
- 24 — up
- 25 Free from sin
- 28 Warlike persons
- 32 Chemical additive
- 33 Microscope shelf
- 34 Vigor
- 35 Money
- 36 Condiment
- 37 Half of Samoan town
- 38 "Guinness Book" suffix
- 39 Trite
- 40 Donkey
- 41 Firm supporter
- 43 English city

DOWN

- 1 Mr. Severeid
- 2 Beginning for book or paper
- 3 Formal fight
- 4 ShriII
- 5 Bomb substance
- 6 Marble
- 7 Interior diameter of a gun barrel
- 8 — pro nobis
- 9 Light, playful banter
- 10 Goal
- 11 Declare

ACROSS

- 12 A Kennedy
- 13 Picnic problem
- 19 Between: Fr.
- 21 Red as a —
- 24 Swiftly
- 25 Spreads unchecked
- 26 Pass off
- 27 Mouth of a river
- 28 Circus pole
- 29 Asunder
- 30 Brazilian river
- 31 Golf club
- 33 — plug
- 36 — army
- 37 — Prize
- 39 Web-footed birds
- 40 Gaucho gear
- 42 Venezuelan grasslands
- 43 Flag
- 45 Actor Dudley

DOWN

- 46 Immediately, in hospitals
- 47 Authentic
- 48 Scold
- 49 Recipe direction
- 50 " — Camera"
- 51 "I wouldn't bet —"
- 52 New Jersey team
- 54 Whale the — out of

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PUZZLE SOLUTIONS FROM LAST ISSUE

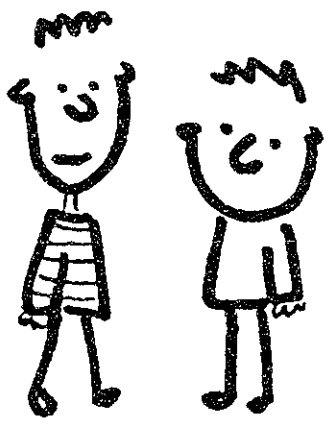


SOLUTIONS IN THE NEXT EDITION OF THE TECH

Jim's Journal

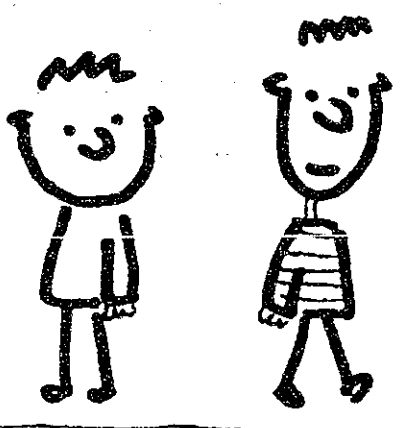
By Jim

Tony came over today.



©1994 DIKERS DIST. ONION FEATURES

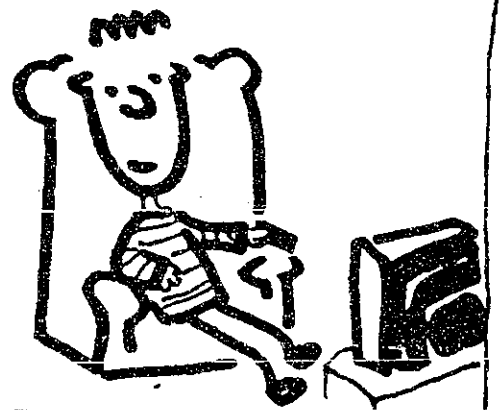
I thought he'd be looking for more coupons, but he wasn't.



"Coupons are dumb," he said.



He turned on the TV and flipped through the channels.



Results Excite Rowers

Crew, from Page 16

and Conan Hom '95 (coxswain).

Co-captain Jeff Tomasi '95, Lorin Theiss G, Toby Ayer '96, Co-captain Nate Crosswhite '95, and Peter Yao '95 (coxswain) made up the second four.

The third four was composed of Brian Smith '97, Victor Van Burkel '96, Matt Courcy '96, Jared Cottrell '97, and Anand Raghunathan '96 (coxswain).

MIT's results relative to Dartmouth, BU, and Harvard notably improved over last year. MIT's first three boats all placed higher than Dartmouth's second boat (17th) this year. In addition, the first two boats placed higher than BU's second boat (13th), and the third four tied with BU's third four.

MIT placed 2 boats ahead of Harvard's third four (12th) and three boats ahead of Harvard's fourth four (21st).

As captain Jeff Tomasi noted, "The team is extremely excited about the spring season with such a strong showing at the Foot."

The team now begins indoor winter training. It will spend two weeks of Independent Activities Period training in Florida, and return to the water as soon as the river thaws in the spring.



CHANUKAH SALE LOBBY 7

Monday, November 28
Tuesday, Nov. 29

- Menorahs
- Dreidels
- Decorations
- Latkes (potato pancakes)
- Candles
- Chocolate Gelt
- Hillel T-shirts

Items are also available for purchase at Hillel, lower level of W11

Chanukah begins Sunday evening, November 27!
Sponsored by M.I.T. Hillel, 253-2982



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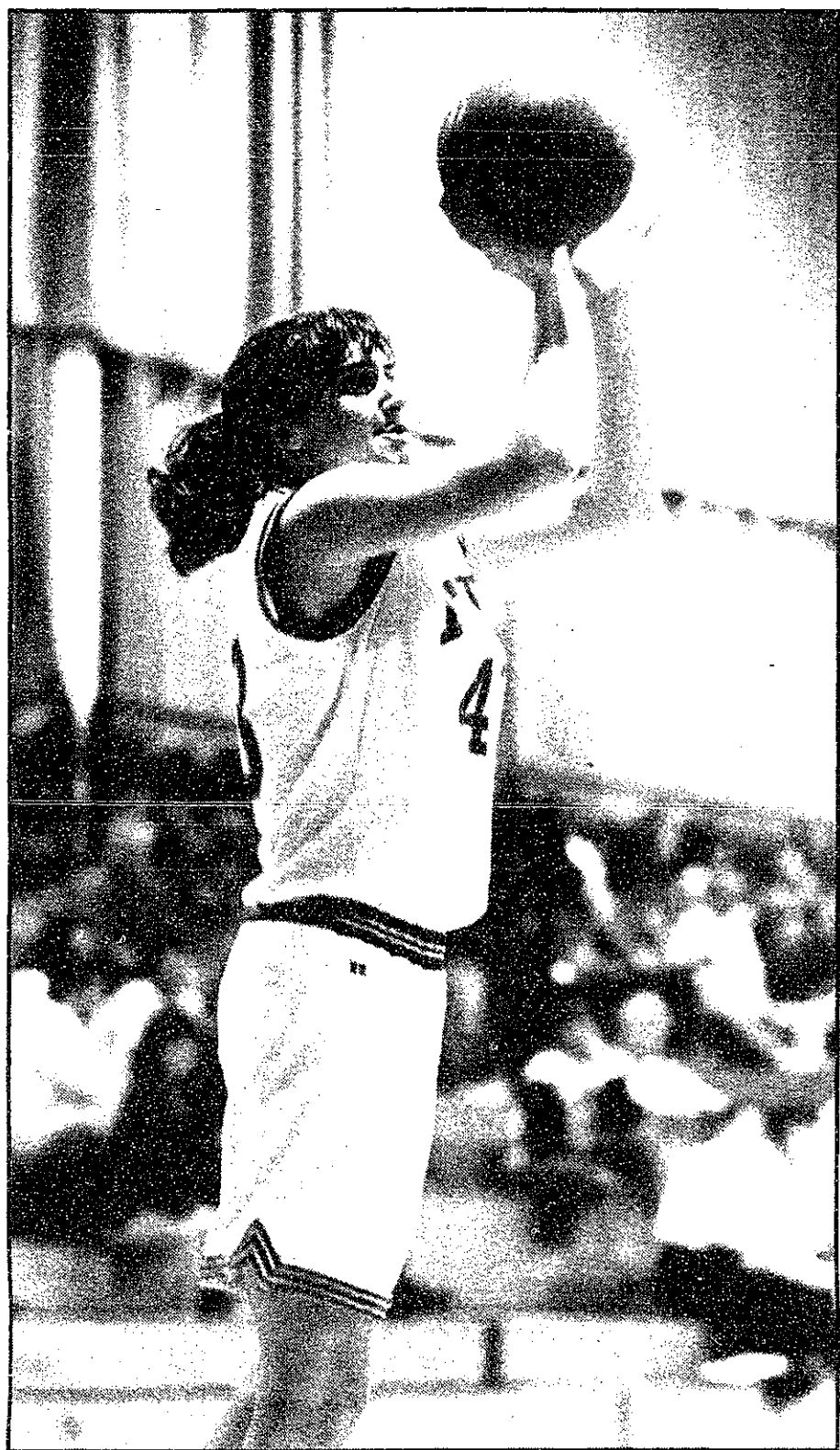
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SPORTS

Women's Basketball Reaches Tip-Off Final



THOMAS R. KARLO—THE TECH

Captain C. J. Doane '95 shoots from outside during MIT's game against Simmons College in the first round of the Engineer Tip-Off Classic.

By Farhan Zaidi
STAFF REPORTER

The Salve Regina Newporters, behind a stellar 20-point, 16-rebound performance from tournament MVP Nichole Johnson, defeated the Engineers, 78-69 in the championship game of the women's basketball Tip-Off Classic at Rockwell Cage this past weekend.

The two teams had advanced to the championship game of the four-team, single elimination tournament by defeating Wentworth Institute of Technology and Simmons College, respectively in first-round action Saturday.

In the first game on Saturday, the Newporters exploded on a 19-3 run to open the second half on their way to a convincing 61-44 win over the WIT Leopards. The game's first half favored the Leopards, who, behind a dominating 16-point, 11-rebound first-half performance by Kim McCabe, staked to a 23-21 lead at the break.

However, the Newporters adjusted defensively and held McCabe scoreless for the first 15 minutes of the second half, stifling the Leopard offense and sparking a 27-7 run over that duration.

With the score at 48-30, McCabe finally scored inside but the basket was followed by a spectacular 11-0 run by Salve Regina that put the game out of reach.

The Engineers, meanwhile, dominated from the beginning against Simmons College Sharks in Saturday's second game, racing out to a 20-7 lead behind the savvy passing and court leadership of Sarah Davis '97, and the outside shooting of Nicole Gerrish '98.

Then, coming out of the half with a 30-18 lead, MIT went on a 9-1 run sparked by a remarkable shooting display by C.J. Doane '95. Doane nailed two perimeter shots and a 3-pointer during the run to give the Engineers an 18-point advantage.

The Sharks were able to cut the lead to 10 at 43-33, but then a comeback-killing 3-point play by Kristin Ratliff '95 effectively ended the Sharks' hopes of advancing.

The final score was 56-47, as Davis, Gerrish, and Doane combined for 45 of MIT's points, with Davis adding five rebounds and eight assists in a well-rounded effort.

On advancing to the finals, MIT coach Sue Rowe noted that the team had "hustled and played together," and that she was "pleased with their effort."

On the prospect of facing Salve Regina in the finals, she noted that the Engineers would have to clamp down and "slow [the Newporters] down to a half-court game," pointing out that Salve Regina had won its first game with the help of an effective transition game.

Championship Game

Early in Sunday's championship game, the Engineers were successful in accomplishing this, controlling the tempo by pounding the ball inside on offense and using an effective trapping defense at the other end to build a 10-6 lead. The Newporters, however, sparked by point guard Jill St. Germain, came back to tie the game at 12.

After a dry spell in which both teams were frustrated offensively, MIT went on a 10-point run to build a 26-18 lead. The rally was sparked by Amy Mackay '98, who scored three inside baskets and a 3-point play for 9 of the 10 points during the stretch.

Once again, the Newporters came back, this time behind the inside play of Johnson as they took a 27-26 lead after a 9-point run of their own. The half ended with MIT's Davis being fouled with no time left and hitting two free throws to give the Engineers a 30-29 edge going into the break.

The second half opened with a

quick start for the Engineers, as Doane's all-around play helped them build a 4-point lead in the early going. However, a big 3-pointer by Newporter Nichole Riley gave Salve Regina back the lead at 38-37, and for most of the remaining time, the teams stayed close, handing the lead back and forth numerous times.

Then, with under three minutes remaining, Salve Regina forged ahead 60-54 after a basket by Kerry Ceurvels. The Engineers, however, closed out regulation with a gutsy 6-0 run which sent the game to overtime. Highlighting the run was a brilliant penetrating basket by Doane, and a putback by Ratliff with under 20 seconds left, to tie the game.

Game goes into overtime

The overtime period began with St. Germain mistakenly scoring on the MIT basket to give the Engineers a 62-60 lead, but Salve Regina controlled the rest of the game. With Doane and Davis fouling out, the Engineers struggled to produce on the offensive end, while Johnson and St. Germain supplied scoring punch for the Newporters. The Engineers were able to cut what was once an 8-point lead down to 3 with under a minute left, but the Newporters finished the game with six consecutive free throws to close the scoring at 78-69.

Earlier Sunday in the consolation game, the WIT Leopards defeated the Simmons Sharks 52-42, with McCabe and Becky Morris leading the way. Morris led the Leopards to a 4-point halftime lead with 12 points and 9 rebounds by the break, while McCabe picked up in the second half, scoring 6 points early on to thrust the Leopard lead into double digits.

Named to the All-Tournament team were WIT's McCabe, Simmons' Mary Schneider, Salve Regina's St. Germain, and MIT's Gerrish and Mackay.

MIT Ends Fall Well at Foot

By Lorin Theiss

TEAM MEMBER

The varsity heavyweight crew finished out its fall season this past weekend with the Foot of the Charles. The Engineers had their strongest finish in many years demonstrating the depth and strength of the squad this year.

Although the first fours boat only placed ninth, equalling last year's best finish, the other boats moved up considerably in the rankings.

The Foot of the Charles is an annual event which allows each of the collegiate varsity teams to race

in fours. There are no divisions.

Coach Gordon Hamilton regarded it as "one of the best regattas of the year." He went on to explain that "none of the teams are split into separate divisions. All of the lightweights, heavyweights, varsity and junior varsity squads are in one event."

Harvard University, Dartmouth College, MIT, Boston University, and Northeastern University enter the majority of the 60 boats in the event.

Tech's first boat finished the course in a time of 13 minutes, 53 seconds. The second four rowed the

course in a time of 13:57, and the third four finished with a time of 14:04. These times allowed for final placings of ninth, 11th, and 14th, respectively.

The race was won by a Northeastern four/boat in a time of 13:00.

MIT also placed boats at 29th, 32nd, and 43rd. Unfortunately, the fourth four was assessed a 30-second penalty for passing on the wrong side of a buoy.

The first four was made up of Franz Busse '95, Chris Putnam '96, Adam Cotner '96, Jon Singer '95,

Crew, Page 15

IVC Places 2nd At BC Tournament

By Gene Van Buren

TEAM MEMBER

The Intercollegiate Volleyball Club competed in its second tournament of the year last Saturday. After having just missed the playoffs at Boston University two weeks earlier, the IVC was looking to impress here.

Host Boston College and MIT squared off first in a match that saw good serving from both teams. Both games were close and big plays such as a roof block from Parry Husbands G and a clutch pass from Sanjay Ghemawat G on BC's game point gave MIT the edge to win 11-7, 13-11.

The Engineers next went on to defeat Wentworth Institute of Technology in quick fashion. Deep serving against what was clearly a one-man team took MIT's IVC to an 11-8, 11-4 victory, including 10 straight points off the serve of backup setter Min Chien '98 to end the second game.

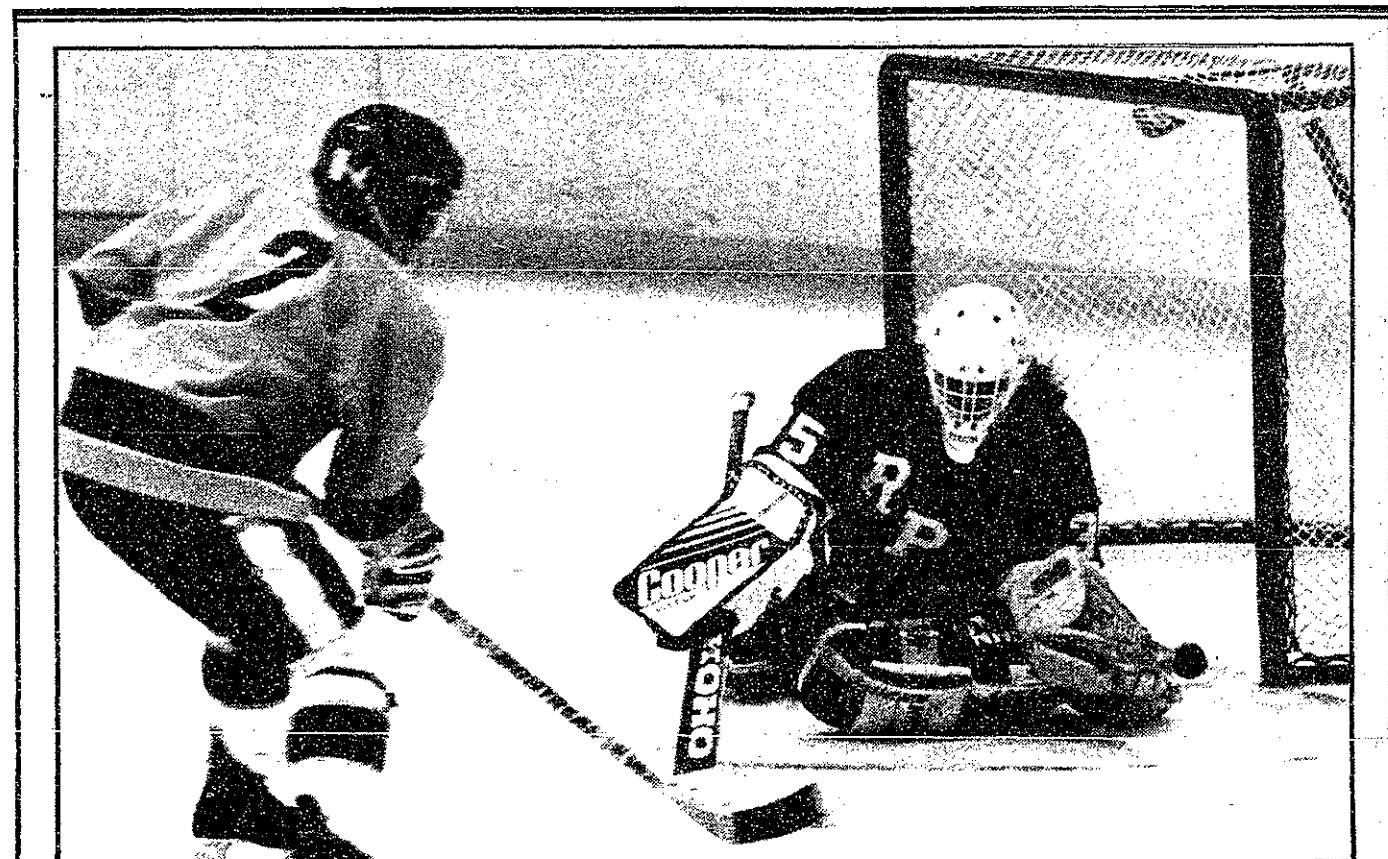
The University of Connecticut turned out to be MIT's strongest opposition in the pool, but Tech played up to the challenge with effective middle blocking from Gunter Niemeyer G and Ghemawat. Good hitting all around helped IVC to an 11-8, 11-6 win.

Assured of a playoff berth, MIT's second string saw most of the action in the final game of pool play against BU. Good offense in the middle from Phil Le '95 ran Tech to an easy 11-4 first game win. But continual erring resulted in a loss of a close second game 11-13.

The playoffs began with a semifinal match versus Northeastern University. Both teams were tired, but MIT pulled out nearly all the long rallies. Husbands came alive on the right side defense carrying MIT to a speedy 15-8, 15-7 victory.

The University of New Hampshire was all that stood between MIT and first place. Tough blocking and digging from UNH kept the Engineers from establishing a potent offense. Fatigue was a major factor and MIT could not keep up with UNH's rapid-fire attack in the 15-12, 15-7 loss.

MIT's IVC definitely made its presence felt at this tournament with the second place finish and nearly undefeated pool play. The team expects to play again at a home tournament on Dec. 4 in Rockwell Cage.



THOMAS R. KARLO—THE TECH

The Rensselaer Polytechnic Institute goalie narrowly misses a save to give the MIT women's hockey team a goal in the first period last Saturday.

UPCOMING HOME EVENTS

Tuesday, Nov. 22

Men's Basketball vs. Babson College, 6 p.m.

Women's Basketball vs. Gordon College, 8 p.m.