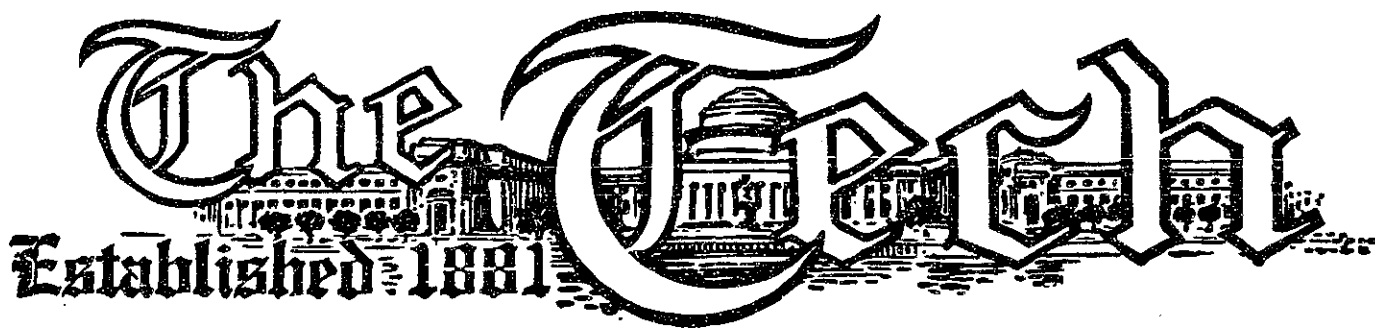


Last Day of Classes Tomorrow

MIT's
Oldest and Largest
Newspaper



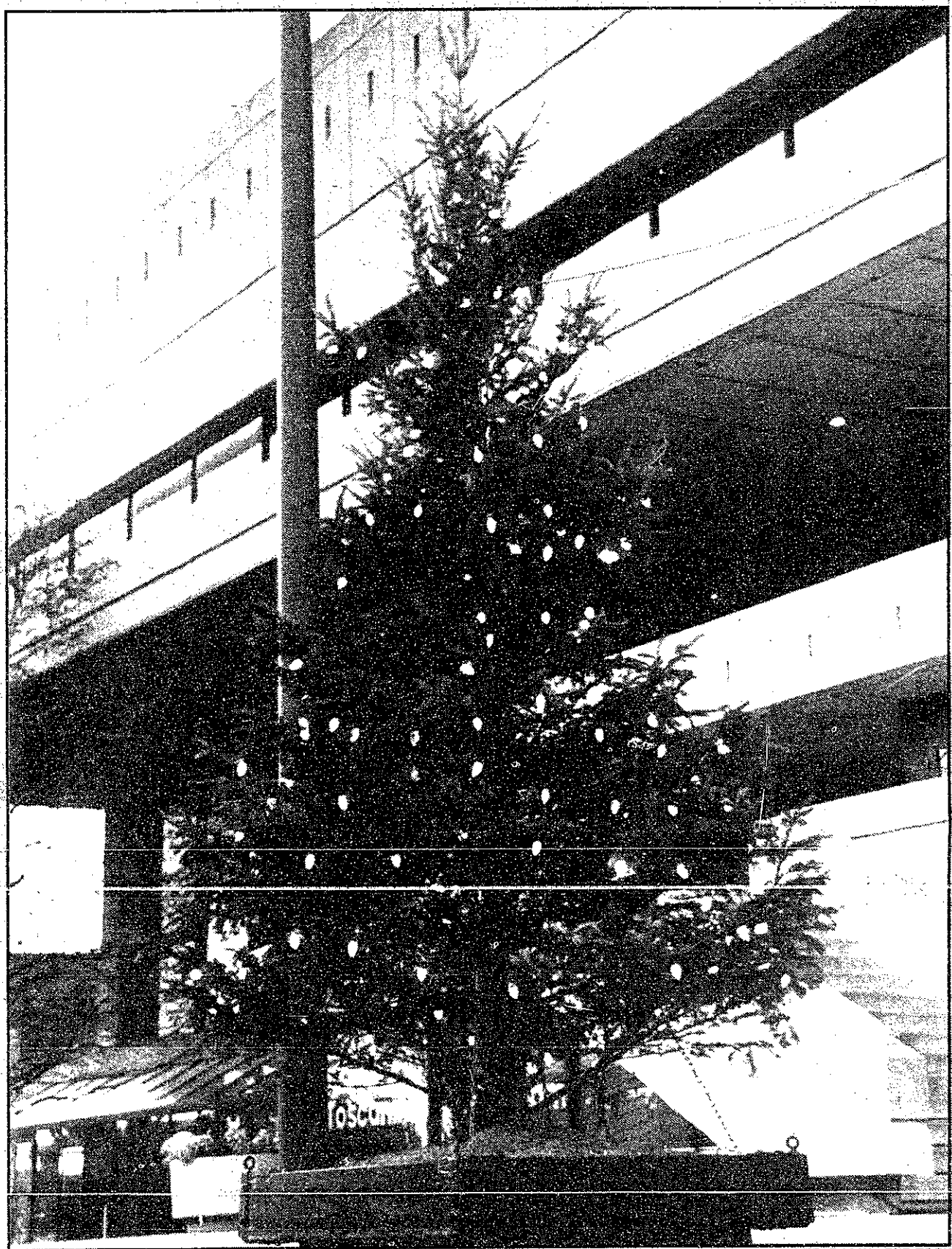
The Weather

Today: Increasing clouds, 33°F (1°C)
Tonight: Cloudy, 22°F (-6°C)
Tomorrow: Cloudy, cold, 36°F (2°C)
Details, Page 2

Volume 114, Number 63

Cambridge, Massachusetts 02139

Tuesday, December 13, 1994



A festive tree placed in front of the Student Center summons up the holiday spirit for the fast-approaching winter break. HELEN LIN—THE TECH

CPs Probe Arson At Burton-Conner

By Ramy A. Arnaout
NEWS EDITOR

The Campus Police and the Cambridge fire department are investigating what appeared to be a case of attempted arson in a Burton-Conner House suite kitchen early Wednesday morning, said Campus Police Chief Anne P. Glavin.

Campus Police arrived at the dormitory around 6:12 a.m., after a suite 222 resident reported finding paper towels and a roll of toilet paper on the kitchen stove next to a lit burner, Glavin said.

When the suite had been checked by a night watchman at about 5 a.m., the stove had been off and clear, said Kenneth Donaghey, Burton-Conner house manager.

While no material actually caught fire, "it would go up pretty fast if it ignited," Glavin said. "The [burner] was on full blast."

The incident followed a possible arson attempt the previous Sunday at MacGregor House, where a roll of toilet paper was set on fire in the

middle of a first-floor bathroom, prompting a dormitory-wide evacuation ["Fire in MacGregor Causes Evacuation," Dec. 6].

Also, Burton-Conner residents have been in a state of elevated awareness since early October, when Burton-Conner was the site of four attempted fires — all of which involved setting newspaper, paper towels, and other flammable material on top of lit kitchen stove burners ["Police Investigate Burton Fire Scare," Oct. 18].

Glavin said that it is still too early to tell if the events are related. "These things are not commonplace. ... It can take some time to solve," she said.

Glavin did offer a warning. "I'll be completely frank about this: If we find out there's someone involved in this, we'll prosecute them," Glavin said. "When you talk about arson, that's a serious situation."

Burton-Conner, Page 13

Loss of Rent Control Will Affect Housing

By Stacey E. Blau
STAFF REPORTER

The looming issue of the elimination of rent control in Cambridge may have implications for many MIT graduate students and the housing situation at MIT.

On election day in November, Massachusetts voters narrowly approved Question 9, a measure that will end rent control as of Jan. 1, in Cambridge, Brookline, and Boston, the only communities in Massachusetts with rent control. The ballot question was approved by 51 percent of the voters.

The Cambridge City Council attempted to stave off the end of rent control by passing a home-rule petition which would phase out rent control in Cambridge over a five-year period.

Massachusetts Gov. William Weld vetoed the bill on Friday. Brookline and Boston have passed similar home rules which Weld has indicated he will veto as well.

The elimination of rent control may have consequences for MIT graduate students, 70 percent of whom live off campus, said Linda L. Patton, housing manager of the Graduate Housing Office. Approximately 15 percent of MIT graduate students live in rent-controlled apartments, she said.

"The rental market has gotten tighter" over the past few years, Patton said. "The end of rent control means that rents off campus will probably go up in general, and there will be fewer apartments" available. "There will be more competition for affordable housing," she said.

Rent-controlled apartments are difficult to find, in part because of their scarcity, Patton said. They are "rarely advertised" and "mostly discovered by word of mouth," she said.

Rent Control, Page 17

This is the last scheduled issue of *The Tech* for 1994. *The Tech* will be published on the four Wednesdays of Independent Activities Period: Jan. 11, Jan. 18, Jan. 25, and Feb. 1. Advertising and letters for these issues are due Monday at 4:30 p.m. Regular Tuesday-Friday publication will resume Feb. 7.

INSIDE

■ Students win Marshall Scholarships. Page 11

■ Debate hosts tournament. Page 15

No Required Classes During IAP Physics Dept. Will Require Class of '98 to Take New IAP Classes

By Venkatesh Satish
STAFF REPORTER

Though the calendar changes made in spring 1993 allow departments to offer one requirement exclusively during Independent Activities Period starting with this academic year, departments have made few efforts to do so for IAP 1995.

"We've had some inquiries, but nothing is in place this year," said Professor of Media Arts and Sciences Stephen A. Benton '63, who heads the IAP Policy Committee.

There are a number of reasons for the slow progress, one of which is the time it takes to adapt current required courses to the IAP format, according to Benton.

"The best use of IAP for required courses is going to require a modularization of courses that doesn't exist yet. ... I think an ideal course is six units, and there aren't a lot of six-unit courses on hand."

Another reason for lack of such required courses this IAP is that departments cannot force students to take the class in a specific year,

Benton said. "It's very difficult to think of a required course that doesn't have to happen at a precise moment in a student's career."

Also, "there's still the issue that [the class] should be a course for IAP, not just a compressed lecture course." These factors make it challenging to create required classes for IAP, Benton said.

Currently, the physics department is the only one that has concrete plans to offer mandatory courses exclusively during IAP, Benton said.

Physics will offer IAP lab

During IAP 1995, the physics department will offer Advanced Project Laboratory (8.122), a course that emphasizes computational experimentation, said Professor of Physics Hale V.D. Bradt PhD '61.

The laboratory course is one part of an entire curriculum revision in the Department of Physics, which will involve the addition of several courses in subsequent years, Bradt said. The project lab will "feature computerized data-taking and analy-

sis capabilities in an effort to bring students closer to real life experimentation."

The rationale behind the change was to provide more theoretical background and add exciting topics, such as special relativity, to the physics program, Bradt said.

Physics majors in the Class of 1998 and future classes will have to take either 8.122 or Advanced Classical Mechanics (8.21), both six-unit classes, during one of their IAP's, Bradt said.

Another motivation for requiring courses over IAP was to give students time to focus on a single subject, Bradt said. "If someone immerses themselves in a topic for four weeks, it's a rich experience."

A further reason is that more faculty are available to teach classes during IAP, Bradt said. Also, "the [MIT] budget is squeezing the departments," so maximizing resources was a factor, he said.

Bradt said that adding a six-unit course would not be too much of a

IAP, Page 20

WORLD & NATION

Clinton Campaign Should Refund \$4.1 Million, Federal Auditors Say

THE WASHINGTON POST

WASHINGTON

Federal auditors recommend that President Clinton's 1992 campaign repay the Treasury a record \$4.1 million because they said the campaign was not entitled to all the federal matching funds it received.

The Federal Election Commission is scheduled on Wednesday to discuss the audit findings, which question the campaign's decision to give bonuses to certain employees and disallows payments for two missing rental cars. Last week, auditors suggested that then-President George Bush's 1992 campaign repay \$1.3 million, but the six-member commission cut that amount in half.

The Clinton campaign also disagrees with the audit findings, said campaign committee attorney Lyn Utrecht, and "we feel confident that the commission will too." The campaign committee has a right to a hearing after the FEC votes on the matter. The Clinton Democratic primary campaign, which raised \$25 million and received another \$12.5 million in federal matching funds, was the main target of the auditors' criticism. They determined it owes the Treasury \$3.8 million and questioned the bonuses to campaign workers.

The Clinton-Gore general election campaign, which received \$55 million in federal funds, should repay \$254,546, they said.

Serial Bomber Sent Latest Device From Bay Area

LOS ANGELES TIMES

SAN FRANCISCO

The package bomb that killed a prominent New York advertising executive Saturday was mailed here a week earlier by an elusive serial bomber whose devices are becoming increasingly sophisticated, the FBI said Monday.

Frustrated investigators, who have been searching for the bomber for more than 16 years, said the culprit now may be based in the San Francisco area and urged residents to consider whether he may be someone they know.

"He may even appear to be a very nice guy," said Jim R. Freeman, special agent in charge of the San Francisco FBI office. "He might not stand out in a community. He could easily be the person living next door."

The FBI has offered a \$1 million reward for the capture of the bomber and, for the first time in its history, has posted a notice on the Internet appealing for leads in the case.

The bomber, believed to be a white male, has mailed or planted 15 explosive devices spanning the continent from the University of California, Berkeley, to Yale University, killing two and injuring 23 since 1978.

Warner's Interactive TV Trial To Begin in 5 Orlando Homes

THE WASHINGTON POST

Not far from the make-believe futurism of Disney World and Epcot Center, a few ordinary households are about to get a glimpse of what may be the real thing.

In the most elaborate test of interactive television technology yet devised, Time Warner Inc. and a team of high-technology companies are about to switch on a system that will allow selected residents of suburban Orlando to shop, choose movies and play electronic games with their neighbors without leaving their sofas.

On Wednesday, Time Warner will demonstrate publicly its "Full Service Network" for the first time. It is now hooked up to just five homes; plans call for 4,000 to be connected by the middle of next year.

Initially, Time Warner says, residents hooked up to the network will be able to view instantly any of 50 movies at \$3 a pop, and stop, fast-forward or rewind their selections as if watching a videocassette tape. They will be able to scroll through videos from a half-dozen retailers, including Crate & Barrel and the U.S. Postal Service, and order products by using a remote control.

WEATHER A Chilling Outlook

By Gerard Roe

STAFF METEOROLOGIST

High pressure extends over New England at the moment giving blue skies and the brisk weather of the season to date. As the high spins on its wheels, the flow will switch to northerly and then to easterly by Wednesday. This easterly flow means that the warm ocean air rises up over the cold land air mass giving clouds and a chance of precipitation. It is certainly cold enough for snow, but the strongest lifting should occur to the south, so we may well be spared the flurries. In the longer term outlook, the high pressure will slowly drift off to the northeast and as the flow becomes southerly temperatures will slowly rise. However, as the high moves off, it leaves a slot in its wake into which a storm system may develop. The long range forecasts tentatively predict that occurring at the weekend or early next week. So keep one eye out on the weather if you have travel plans for early next week.

Today: Clear in the morning but clouds building up during the afternoon. Winds from the northeast at around 10-15 mph (16-24 kph). Uncomfortably chilly temperatures continuing. High 33°F (1°C).

Tonight: Increasing clouds. Winds dying down a little. Low 22°F (-6°C).

Wednesday: Cloudy with a slight chance of a flurry. Continuing cold. High 36°F (2°C). Low 27°F (-3°C).

Thursday: Partly cloudy. Slightly warmer. High 38°F (3°C). Low 30°F (-1°C).

Gingrich Maps Republican Plan to Shrink Government

By Kenneth J. Cooper

THE WASHINGTON POST

WASHINGTON

House Speaker-to-be Newt Gingrich, R-Ga., Monday charted a sprawling map of Republican pathways to a limited federal government, promising a "pretty big" package of spending cuts early next year, floating the idea of a one-year moratorium on clean air regulations and identifying Energy and Housing and Urban Development as cabinet agencies most vulnerable to elimination.

Gingrich expanded his proposed alternatives to federal antipoverty programs by suggesting tax credits to encourage charitable donations to help the poor and saying he preferred the welfare revisions that governors have proposed over those in the Gingrich-inspired "Contract with America." He similarly called for loosening federal control over Medicaid, the state-federal health program for the poorest Americans.

Three weeks from becoming the first Republican speaker in 40 years, Gingrich also endorsed a term limit of eight years on speakers, similar to the restriction that the Constitution imposes on presidents.

Besides his proposals on specific federal policies, Gingrich sketched out his views on broader issues of government, economics and race during a two-hour luncheon with Washington Post editors and reporters. The former history professor studded his responses with verbal footnotes to the books of historians.

"I'm not anti-government," Gingrich declared in explaining his

opposition to the "Great Society" programs of the 1960s. "I don't believe social engineering works. I don't believe building ... large centralized government structures works."

Within the first two months of 1995, Gingrich said "probably the most fiscally conservative Congress since the '20s" would consider a package of spending cuts in the 1995 budget that will be "pretty big, I think." He said House Republican leaders have asked incoming Appropriations Chairman Bob Livingston, R-La., to make the spending cuts "as big as you're comfortable" making.

A Livingston aide said the package would range "somewhere in the billions" and would be developed during Appropriations Committee hearings the first two weeks of January. "They're going to specifically be hearings on what to cut ... and why," the aide said. "Most appropriations hearings are on what we need to spend and why."

On environmental regulation, Gingrich cited warnings from governors that a 1995 deadline for states to reduce certain air pollutants would create "an economic catastrophe of the first order." The deadline was set in the Clean Air Act of 1990, which Gingrich supported on an overwhelming vote for House passage.

"Every governor I talk to says this is going to be a crisis in 1995," Gingrich said, specifically mentioning Massachusetts, New York, New Jersey, Pennsylvania, Ohio and California. Virginia has also experienced trouble coming up with a plan to meet the clean air standards.

In a letter to President Clinton Monday, Gingrich joined other GOP leaders of the House and Senate in proposing a 100-day moratorium on new federal regulations. They asked the administration to use the time to review the regulatory burden and recommend cuts in red tape.

Gingrich indicated that the weak political constituencies for the Departments of Housing and Urban Development and Energy would make them prime candidates for cuts in the bureaucracy. He cited "a very limited constituency" for Energy.

"I would argue that you could abolish HUD tomorrow morning and improve life in most of America," he predicted, before adding: "I think HUD's reputation is now so bad ... and the whole public housing policy has been such a failure that it's very hard to sustain HUD."

But Gingrich said the federal government could still increase the stock of low-income housing, for example, by giving HUD-owned land to Habitat for Humanity, a volunteer group that builds homes for the poor. He wore a lapel pin of the nonprofit group more identified with another Georgian, former President Jimmy Carter. "We are looking at creating a tax credit for people to give money to private sector institutions that care for the poor," Gingrich said.

He called himself a cautious believer in supply side economics, the theory embraced by President Ronald Reagan that tax cuts generate more than enough economic activity to pay for themselves.

Russian Troops Face Tough Opposition in Chechnya

By Margaret Shapiro and Fred Hiatt

THE WASHINGTON POST

MOSCOW

Russia's invasion of its break-away southern region of Chechnya ran into military and political flak on its second day Monday as Chechnya's neighbors in the Caucasus Mountains harassed and captured advancing troops and Chechen forces challenged the more numerous and better-equipped Russians in a rocket battle.

As Russian fighter-bombers, attack helicopters and columns of tanks closed in on the capital of the separatist region, Russian President Boris Yeltsin's decision to launch the offensive came under attack here from an unusual alliance of Communists and formerly loyal democratic reformists. Outside the government, only nationalist extremists like Vladimir Zhirinovsky and a handful of political reformist democrats were supporting the action.

Many Russians, strife-weary and yearning for tranquility, seemed to be watching the events with wary concern amid warnings that the military thrust could escalate into a broader Caucasus war and provoke retaliatory terrorism throughout Russia. But many also seemed prepared to wait and see. Demonstrations in Moscow against the operation attracted only small crowds, and parliament did not meet Monday.

Yeltsin defended the use of force as essential to restoring constitutional rule in Russia and said the crisis must be "resolved immediately." Saying they still hope to end the confrontation and bring Chechnya

back into the Russian fold peacefully, a delegation of Russian officials opened negotiations with Chechen officials in Vladikavkaz, just west of Chechnya, a landlocked enclave 1,000 miles south of Moscow that is home to about 1.2 million people of obscure, non-Slavic origin with a tradition of pugnacious independence.

The United States and most other foreign governments refrained from direct comment on the operation — Russia's largest military offensive since the Afghanistan war — saying that, unlike Afghanistan, Chechnya was an internal Russian affair. But nearby Turkey, where many ethnic Chechens live and whose relations with Russia have been strained in recent months, expressed "great concern" and called for a peaceful solution. Another interested regional force, Ukraine, also was watching developments with "alarm and concern," according to a Foreign Ministry statement in Kiev.

Chechnya, an oil-rich, largely Muslim territory that borders several other quasi-autonomous, Russian-ruled regions just west of the Caspian Sea, unilaterally declared its independence three years ago, when the Soviet Union was collapsing and many of the scores of peoples who make up the Russian Federation were growing restive. Since then, Yeltsin has brought the rest of this vast country back under Kremlin sway, but Chechnya has stubbornly held out, although it has received no international recognition of its claimed sovereignty.

Russian officials maintain that the Chechens and their leader, a former Soviet air force officer named

Dzhokar Dudayev, have turned their region into a lawless nest of arms traders, money launderers and gangsters who threaten Moscow and the entire country. Many Chechens, whose ancestors fought Russian domination for decades in the 19th century and who themselves suffered heavily under Soviet rule, view their struggle as one of national and religious liberation.

The current crisis began when a semi-covert Russian operation to support Kremlin loyalists in Chechnya failed dismally, with dozens of Russian soldiers and mercenaries being taken captive. Humiliated and apparently at the limit of his patience, Yeltsin ordered the Chechens to lay down their arms or face the consequences, although Caucasian fogs, snow and short December days make this an inauspicious time for military operations.

Russian troops and tanks, from the army and Interior Ministry security units, initially intended to close in on Chechnya's capital, Grozny, from three directions with hundreds of armored vehicles and as many as 40,000 troops, according to reports from the region. But two of the three columns were delayed by opposition in neighboring Muslim regions, Dagestan and Ingushetia, and by attacks from Chechens themselves.

About 60 Russian soldiers and officers were captured by local bands supporting Chechnya's independence near the Dagestan-Chechnya border on Sunday and Monday, local officials reported. A handful were released Monday night, and Dagestan officials told Russian reporters that the rest also would soon be freed.

Economists Fear Middle-Class Tax Cuts Will Increase Deficit

By Clay Chandler
THE WASHINGTON POST

WASHINGTON

With both congressional Republicans and President Clinton pledging a middle-class tax cut, many economists said Monday they feared that such a move would result in an overheated economy and a growing federal budget deficit.

Clinton and his advisers met Monday to review options for a tax cut proposal of about \$50 billion to \$80 billion over five years as part of preparations for the fiscal 1996 budget submission. House Republicans have proposed a \$500-per-child tax credit estimated to cut the tax bill for 50 million families by \$107 billion over five years.

While there may be political benefits in cutting taxes for middle-class families, many economists said they could see little economic rationale for the move at a time

when the economy is operating close to full capacity and the Federal Reserve is aggressively raising interest rates to slow economic growth.

"Consumer spending is already running at a boom-like pace," said Stephen Roach, chief economist at Morgan Stanley. "The last thing we need to do now is pour more fuel on the fire."

"The timing for this kind of policy change is poor," echoed Charles Leiber, managing director at Chemical Securities Inc. With both Clinton and House Republicans calling for tax cuts, he said, "the bond markets are reacting negatively. The market is concerned that fiscal policy will become overly expansionary."

Bond prices fell sharply Monday, pushing the yield on the benchmark 30-year Treasury bill, which goes up as prices fall, to 7.92 per-

cent from 7.85 percent late Friday.

In recent weeks, administration officials — including White House Chief of Staff Leon E. Panetta, Office of Management and Budget Director Alice M. Rivlin and national economic adviser Robert E. Rubin — have stressed that Clinton's budget proposals would not add to the deficit, and therefore will not pump new stimulus into the economy.

White House officials have described the tax cut for the middle class as a matter of fairness. The objective, they said, is to provide some financial relief to beleaguered middle-class households which, they say, have not shared equally in the gains of the recovery.

But many economists said they worry that, in giving ground on tax cuts, Clinton will weaken his ability to hold the line on deficits.

IBM Halts Sales of Computers Using Flawed Pentium Processor

By Elizabeth Corcoran
THE WASHINGTON POST

Concern about Intel Corp.'s flawed Pentium microprocessor erupted into an industry brawl Monday when International Business Machines Corp. announced that it would suspend sales of personal computers that use the chip.

IBM contends that people who use Pentium-based computers are more likely to encounter errors than Intel has suggested. Someone running a typical "off-the-shelf" spreadsheet program might get an inaccurate result as frequently as once every 24 days, according to IBM estimates. Intel maintains that the typical Pentium user would only have a problem once in 27,000 years.

IBM's announcement had a dramatic impact on Intel's stock. It

dropped \$4.25, or about 6 percent, in the space of an hour, leading to a suspension of trading for more than two hours. It gained back some of the loss when trading resumed, closing at \$60.37 1/2, down \$2.37 1/2.

Monday afternoon, Intel's president, Andy Grove, issued a statement dismissing the IBM results. "You can always contrive situations that force this error," Grove said. "In other words, if you know where a meteor will land, you can go there and get hit."

"If IBM's contention was right, the problem would have shown up thousands of times," Grove said later in a conference call with analysts. "It hasn't."

Some analysts said that IBM has special reasons to criticize the Pentium processor. The company co-developed a competing processor,

the PowerPC chip, and has vigorously promoted it as an alternative to Pentium. In addition, IBM does a relatively small business in Pentium-based PCs, accounting for only about 100,000 of 4 million Pentium computers sold.

IBM remains alone among the big companies in suspending sales (it said it would resume them when the chips were corrected). Gateway 2000 Inc., Dell Computer Corp. and Compaq Computer Corp. said they will continue to ship Pentium machines.

"Before all of this hit the press, we had not had one single call about this anomaly occurring, and we sell more Pentium computers than anyone else" in the United States, said Wendell Watson, spokesman for Gateway 2000 of North Sioux City, South Dakota.

Asteroid Comes Within 65,000 Miles of Earth

THE WASHINGTON POST

An asteroid about the size of a small school bus narrowly missed striking Earth Friday, a University of Arizona astronomer said.

How much damage the object would have caused had it collided with Earth is unclear and would have depended upon the composition of the asteroid, named 1994 XM1, and where it hit.

James V. Scotti, a University of Arizona astronomer, discovered the asteroid early Friday, about 14 hours before it passed within 65,000 miles of the planet — the astronomical equivalent of a near collision of two cars in an intersection.

Scotti used the Spacewatch telescope at Kitt Peak, Ariz., to view what is the closest encounter between Earth and an asteroid that astronomers have observed as it happened — in real time. He and other astronomers there systematically scan the heavens for roaming asteroids and comets that appear to be headed close to Earth.

In May 1993, another University of Arizona astronomer, Tom Gehrels, discovered an asteroid that came within about 93,000 miles of Earth.

Scotti said the asteroid that came close Friday was about six to 13 meters in diameter, or about the size of a large minivan or small school bus.

Energy Department Told To Prepare For Cuts, Elimination

LOS ANGELES TIMES

WASHINGTON

The White House, seeking major budget cutbacks to help pay for a middle-income tax cut, has directed the Energy Department to prepare option plans for at least a 20 percent reduction in funding and possibly for complete elimination of the agency.

Although a civilian agency, the Energy Department is responsible for development of the nation's nuclear weapons and for cleaning up the massive radioactive waste problems that are part of the legacy of the Cold War. But government sources said the Department's \$6 billion environmental management program and its \$4.3 billion defense program would be hit hardest by the expected cutbacks.

The Energy department's budget is about \$18 billion a year, and by no means all of that could be saved even if the department were abolished. Officials said many of its functions — including the environmental and weapons programs — would have to be transferred to other government agencies if the department were eliminated.

Still, with resurgent Republicans vowing to slash taxes for middle-income taxpayers, Clinton is under political pressure to come up with a tax cut plan of his own, especially because he made middle class tax cuts a theme of his 1992 election campaign but shied away from the issue as president when faced with the realities of the federal deficit.

Clinton said over the weekend he would cut taxes on the middle class if ways can be found to avoid increasing the deficit. That means identifying spending cuts for existing government programs to offset the revenues lost in a tax cut. Administration officials have talked in terms of a \$40 billion to \$50 billion reduction over five years; the GOP has vowed to enact far larger cuts but has not yet offered details of how it would pay for them.

Graduate Student Council

Committee Meetings:

Formal Planning Committee
Tuesday, December 13
5:30 pm
Come help plan our big spring bash!

Housing and Community Affairs Committee
Thursday, December 15
• Housing
• Bike Issues
• T-passes

GOOD LUCK with FINALS!!!!

See You in January!

HAPPY HOLIDAYS!

Come help us usher in the holiday season at our Annual Holiday Party!!

Wednesday, December 14
GSC Lounge 5 pm - ?

Plenty of food and good conversation!!
All are welcome

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**.

OPINION

Provost Wrighton Just Doesn't Get It

Column by Dan Dunn
ASSOCIATE NIGHT EDITOR

Provost Mark S. Wrighton just doesn't get it. I'll get to what he doesn't get shortly.

Wrighton recently appointed a search committee to find a replacement for Dean for Undergraduate Education and Student Affairs Arthur C. Smith. "Why," you ask, "should I care about this dean?" A good question, and one that is easy to answer. He is the policy maker on dormitories, independent living groups, student counseling, minority affairs, Residence and Orientation Week, and the freshman experience in general.

If there is one person who affects your daily life here at MIT, it is this dean. Not to mention that the dean is the only spokesman for undergraduates on the Academic Council, the secretive bunch that decides the fate of the Institute every Tuesday morning.

Back to the provost and the search committee. Wrighton appointed four students to the committee. "Great," you say, "my thoughts and opinions as a student will be represented on this very important Committee. So what's the problem?" The problem is the way that the students were chosen. At no time did the provost or anyone else ask a student leader or a student organization, (or a student, for that matter) who they would like to see on the committee.

A little history about the provost and search committees: In 1990, Provost Wrighton chose the committee to find the new dean of the school of engineering. He chose not to put any students on the committee, because, as he put it, students "would not offer a unique perspective, and thus was unsure whether students would be valuable members of the committee" ["Provost Rejects UA, GSC Request," *The Tech*, Nov. 6, 1990]. Pretty revealing statement, isn't it? Students not having a

unique viewpoint?

"Wow," you say. "This guy is really out of touch." Yes he was, and, as I argue here, he still is.

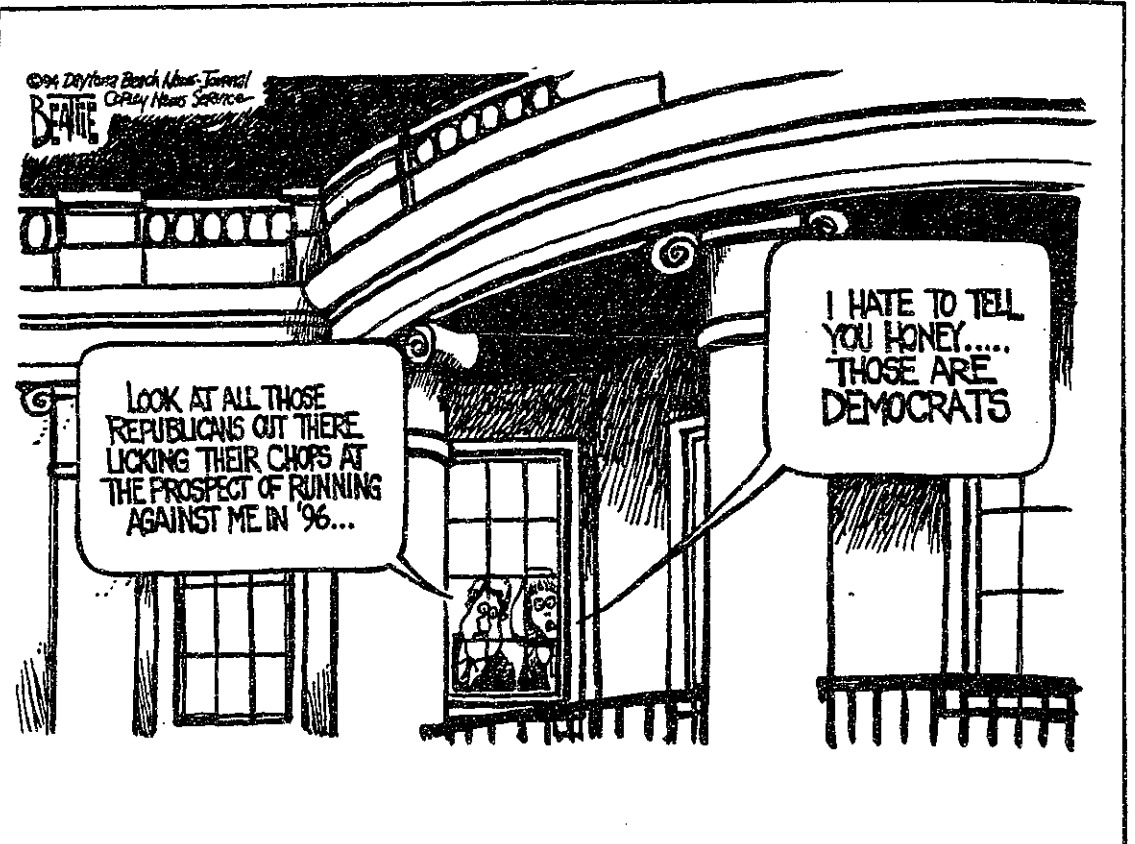
As you can imagine, there was a lot of furor over that statement. Wrighton still didn't put any students on that search committee, but he put students on the search for the dean of the school of science the following year, and at least two other committees since then.

Let's talk for a minute about the way that Wrighton should be choosing students. Every other faculty committee, from the Committee on Discipline (they can expel you) to the Committee for Academic Performance (they

can expel you) to the Committee on the Undergraduate Program (they just make your life hell) goes to the Graduate Student Council or the Undergraduate Association. These organizations have committees that interview interested students and send a list of possible names to the chair of the committee.

It is easy to understand that sometimes there is not enough time for the interviewers to operate properly. In those cases, it is reasonable for the dean or committee chair to just call up some student leaders (the presidents of the UA, GSC, Interfraternity Council, and the

Dunn, Page 5



Housing Proposal Not an Insensible Idea

Column by Michael K. Chung
STAFF REPORTER

"There's been a lot of talk about this next song, maybe too much talk. This song is not a rebel song; this song is 'Sunday, Bloody Sunday,'" declared Bono, lead singer of U2, in a live recording at Red Rocks Stadium in the early 1980s. Regarding the recent proposal to move Senior House and East Campus residents to Ashdown House, there has been a lot of talk, but not surprisingly, a lack of initial solicitation of students' concerns on the part of the administration.

By now the subject has developed into a rather emotional issue within the MIT community. The issue is not about giving east side residents a taste of west campus culture. It is apparent, though not necessarily immediately apparent, that the larger issue is the prospect of building more dormitories. The long-term goal of the administration could be to have another row of dormitories along Vassar Street, on the opposite side of Briggs Field.

If this proposal is passed and carried out, what may eventually surface is the construction of a new group of dormitories along the fields, parallel to Vassar Street. A glimpse of the west side of campus may reveal something of a traditional college campus quad. One could even imagine all the buildings in red brick and call it the new Harvard Yard, but I doubt that many readers of *The Tech* would want that.

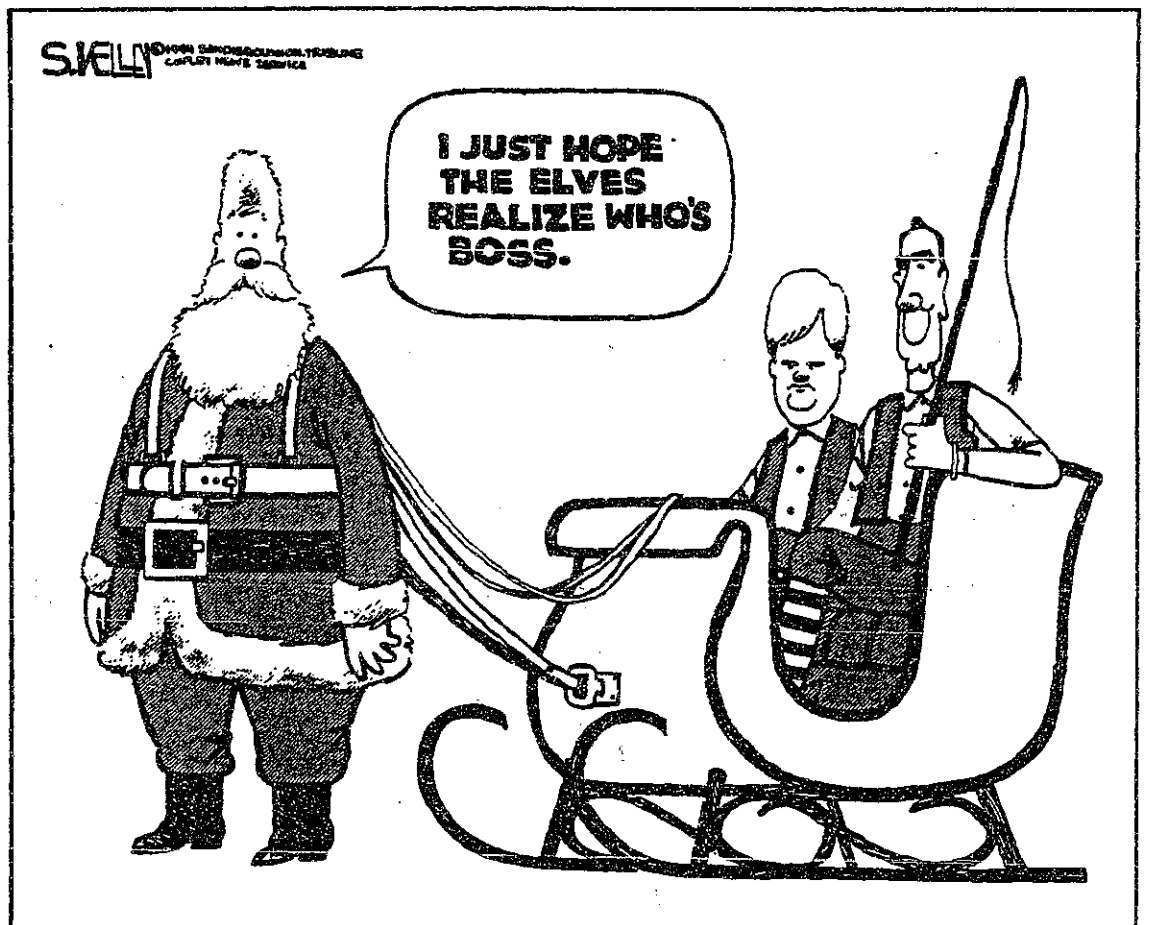
To group all undergraduate students living in dormitories (with the possible exception of Random and Huntington Halls) on one side of campus is by no means insensible. If MIT's

housing arrangement were such that Ashdown House (and Green Hall, a women's graduate student dormitory) was an undergraduate dorm, and East Campus and Senior House were graduate dormitories when you arrived at MIT, it would have made sense, right?

To move from the present situation to the proposed arrangement is bound to generate

conflict, especially for those who are currently living in any of the dormitories. A glance at the numbers of residents at each dormitory will quickly reveal some logistical problems: East Campus houses approximately 400 students, Senior House houses 157 students

Chung, Page 5



Opinion Policy

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

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Provost Should Consult Students in Committee Choice

Dunn, from Page 4

Dormitory Council, perhaps) and see who they would nominate.

But Wrighton didn't do any of these things when he chose this new search committee. And he had plenty of time to do it right. He knew that Dean Smith was resigning. He knew he would have to create a search committee.

Weeks before the committee was formed, the President of the IFC, Prashant B. Doshi '95 and the UA President Vijay P. Sankaran '95 independently wrote to Provost Wrighton asking about how students would be put on the committee and offering input. But Wrighton let all of this slip by without any attempt to ask students who they wanted.

But we shouldn't put all the blame on the provost. After all, he's too busy deciding which centers and departments to close. To be fair, we should ask where the chair of the faculty, the current dean, and the president were when the provost was forming this committee? Each of these individuals is very good at telling students (and faculty, for that matter) that their opinion is being heard and taken into consideration. Thankfully for them, MIT students are usually too busy to challenge their records in the student involvement department.

Instead, students were presented with a *fait accompli*. The chair of the search committee, Professor of Materials Science and Engineering Linn W. Hobbs, said "The students selected were chosen after wide consultation with

deans and staff in the UESA."

This translates into the associate advisor of a professor on the committee and a couple of students with very close ties to the Dean's Office. Is this representation of student opinion? The individuals may be intelligent and competent, but is the student body represented? Who is better equipped to pick a spokesman for the students, the students themselves, or the provost? The answers to these questions are obvious.

So why is it that some committees are chosen well, but when the provost chooses one, he botches the job? The answer, as I said in the beginning, is that Wrighton just doesn't get it.

Four years ago he said that students don't have a unique view to offer. He was burned

by this statement. He learned that he had to put students on search committees. But it seems to be a reflex, a Pavlovian response. Wrighton doesn't know *why* he is putting students on the committee. He just does it. If it was more than that, if he really understood why he was putting students on search committees, he would understand the following: If you want student opinion, just putting students on a committee is not enough.

You have to allow students to choose their own representatives. No administrator can speak on student opinion with surety. Only students can speak to their own opinions.

Dan Dunn '94 hopes that his name will remain on the June 1995 degree list.

Dorm Proposal Concerns Well-Being of Future Students

Chung, from Page 4

(maximum of 160), and Ashdown is home for 381 students (maximum of 420).

Lets do some simple math: East Campus plus Senior House is much greater than Ashdown House. And the administrators claim that they want to alleviate crowding, please the students, and give the east side residents a taste of west campus.

"What's up with that," you might ask? Or, considering that renovations are in the works for Senior House, a few undergrads of the more paranoid sort might think that they give *everything* to graduate students — lab space, regular paychecks, and now renovated housing. And to think that undergrads are the ones who pay money to go to school here!

But lets take a step back. We all know that freshman crowding has become something of an annual ritual. It is unlikely that the administrators want to make the students suffer much more in the way of housing. The current discussion is not the well-being of merely today's students, but the well-being of students of many years to come. True, there is a great deal of history, tradition, and emotion at stake (for instance, Steer Roast, the Coffee Hour at Ashdown, and quite simply, just living on the east side), but a switch in the geo-

graphical layout of the residence halls is not necessarily destined to close the doors to the richness of such experiences.

There are many unanswered questions and issues regarding the proposal and its potential passage. For example, if more dormitories are built, more students could possibly be admitted to MIT. Of course, all of this requires a bit of planning by the departments, administration, and the planning office regarding faculty size, laboratory space, support staff, and so forth.

Also, the possibility of moving independent living groups to a new beacon of dormitories and houses: Would the MIT Corporation set out to buy the fraternity and sorority houses in Boston and offer new houses, in Cambridge, to the respective ILGs?

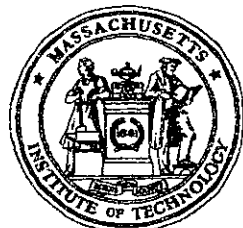
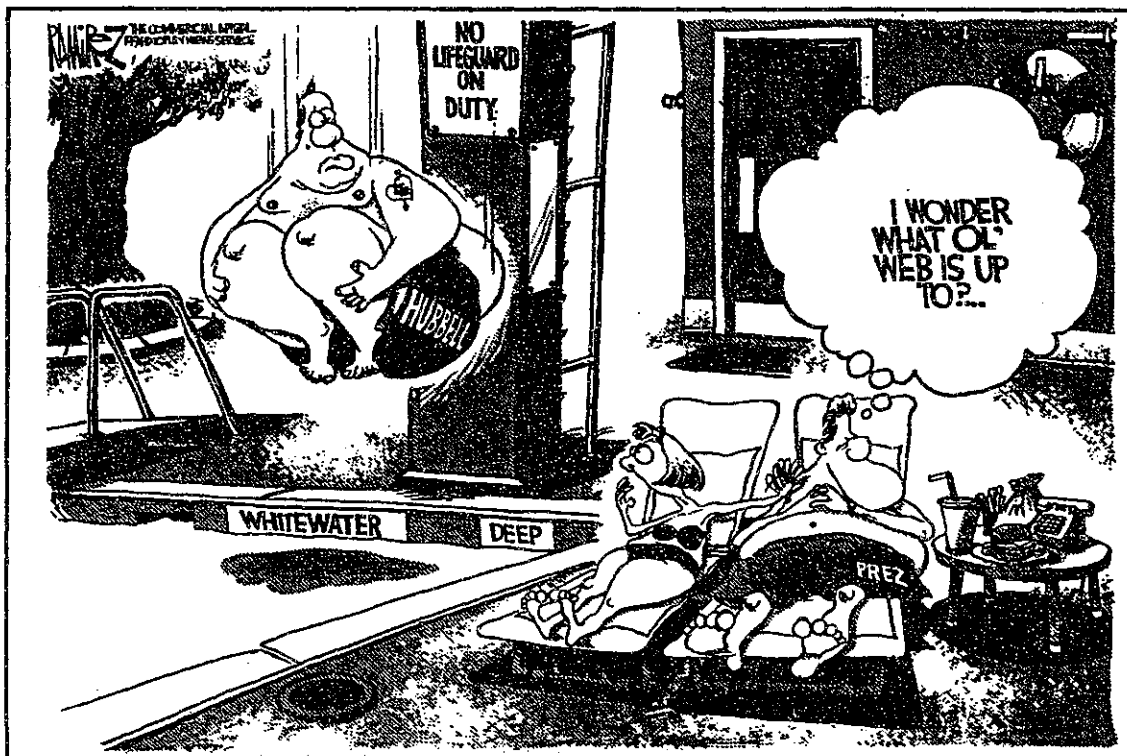
If new dorms are built, then MIT would be considerably less dependent on the Greek system for housing its students. Of course, this would put the fraternity system in more of a pinch, but if the MIT administration has ownership of the ILG houses, there is the possibility that considerable strain could be relieved from the entire system.

Without question, this proposal has great potential to forever change the face of student life and housing at MIT. No question, the issue of communication between administra-

tion, graduate students, undergraduate students, and alumni is significant. If this plan is carried out, however, it is entirely possible that there will be at least as much comfort, convenience, and as rich of a living experience for all students in the coming years.

Then we can all think about freshman housing and whether or not any new dormitories built should be freshman dorms.

Michael K. Chung '94 is a former opinion editor of The Tech.



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Room 401, Student Center
Tel: x3-2696 or x3-7971

UA Finance Board

All vouchers from student groups for reimbursements for the Fall term are due in the FinBoard mailbox in the UA Office by the end of IAP.

If you want to be on a UA committee, there is still time to do so. We are looking for people to join the Student Life, Educational Policy, and Social Committees. The UA President is also looking for someone who might want to be the UA Secretary General, one of the four executive officers of the UA.

For more info, please contact veej@mit

Do you have complaints about the service at Networks? Or the quality of the food at Lobdells? Or have comments about food service in general at MIT. Write your comments to:

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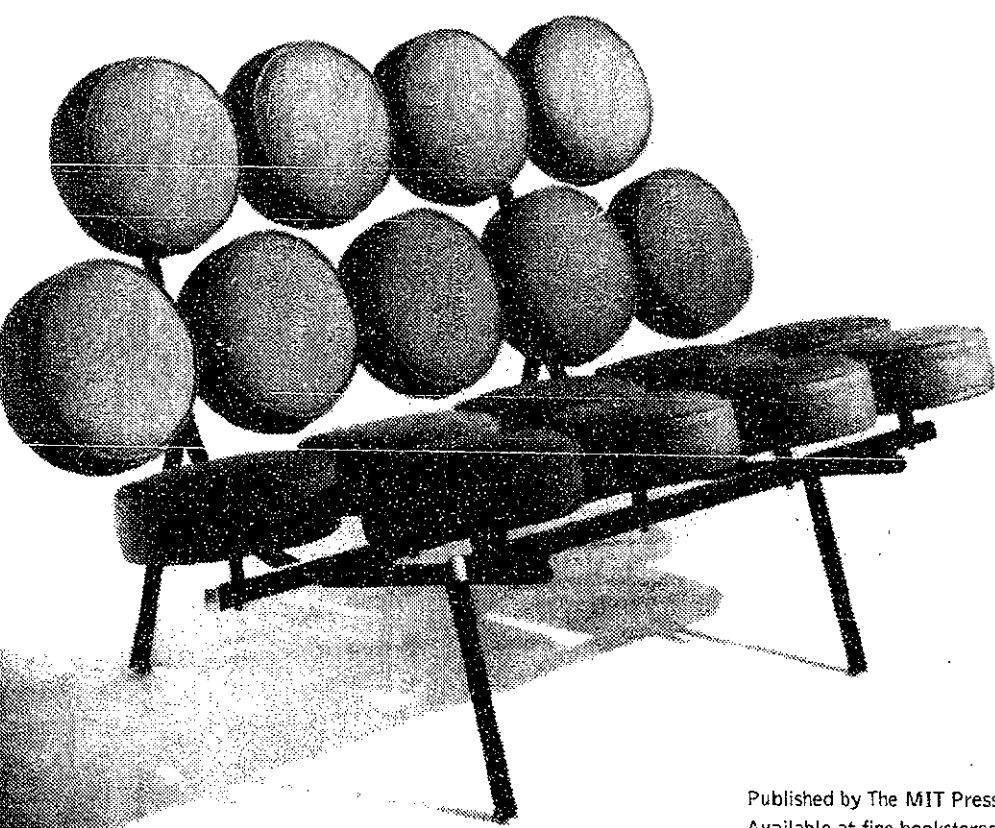
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THE ARTS

Harvard soloist overshadows MIT Symphony

MIT SYMPHONY ORCHESTRA

Kresge Auditorium.
Dec. 10, 8:30 p.m.

By Thomas Chen
STAFF REPORTER

Two 20th-century Russian composers were featured in the MIT Symphony Orchestra's concert on Saturday night at Kresge Auditorium. Under the direction of conductor David Epstein, they played Serge Prokofiev's *Piano Concerto No. 3 in C major, Op. 26* (1917-21) and Dmitri Shostakovich's *Symphony No. 5 in D minor, Op. 42* (1937).

The soloist in the Prokofiev concerto was Harvard sophomore Sophia Chen. Although Chen played fabulously, the orchestra could not approach her stunning virtuosity and encountered several moments of insecurity and inadequacy. Luckily, the MIT players did recuperate enough to provide an exciting (if not slightly approximated) account of the Shostakovich symphony.

Similar to Mozart and Beethoven, Serge Prokofiev (1891-1953) was a "pianist-composer"; that is, he made a substantial career as a piano virtuoso and also wrote music in many different genres. The third concerto was intended for an American tour in 1921 which also included the premiere of his most popular opera, *The Love for Three Oranges*. Of his five piano concertos, only the third has a "typical" three-movement structure.

As was the case with many other 20th-century Russian composers, Prokofiev often had to contend with the Soviet government over many aspects of artistic ideals. His music is often characterized as "motoric," percussive, sarcastic, and — at times — harsh. Indeed, the great pianist Vladimir Horowitz rarely included Prokofiev's as part of his repertoire because he believed a piano "should not be treated that way." However, as anyone who

has heard his second violin concerto can attest, Prokofiev was also capable of intense, tuneful lyricism. Considering the political restraints placed upon him, Prokofiev composed a variety of original works which reflect both his wide-ranging musical aesthetic and his satirical humor.

Both lyricism and percussiveness are featured in the third piano concerto; the lyricism is evident right at the outset with the beautiful clarinet duet that opens the piece. Overall, the orchestra was satisfactory with the broad, melodic passages. An occasional disagreement in slides from the string players was obvious at certain points, but on the whole, the players seemed more comfortable in these slower parts, especially the exquisite-sounding wind ensemble.

Not surprisingly, trouble appeared early in the violins during some of the fast motoric runs that are counterposed against the piano's bravura passages. The whiny violins suffered extreme slips in intonation and coherence while approaching the restatement of the original clarinet melody in the middle of the first movement. In fact, Prokofiev suddenly sounded like Charles Ives when the rear violins began playing independently of the front violins. Their problems were further exacerbated when individual members bowed in the wrong direction. Not only does this make the phrasing indeterminate, but also it a very odd sight to behold.

Despite stutter-stepping from the orchestra, Chen exhibited acute musical professionalism — occasionally accommodating the orchestra — and still managed to showcase her technique and keen musical insight. As Prokofiev had written the concerto for himself, the demands placed on the soloist are a sensitive ear for clarity and a no-nonsense feel for rhythmic vitality.

With plenty of hand-over-hand runs and two-fisted discourses with the orchestra, Chen

astounded the audience with her spectacular pianism. Her delivery of the richly harmonized first variation of the second movement was absolutely ravishing to hear. Furthermore, she showed that she is an excellent chamber musician too, readjusting several times for a seemingly confused orchestra (e.g., mistimed cymbal crash at the beginning of the second variation). She also seemed to recalibrate during the last bars of the finale where the orchestra began to splay seriously.

Although Maestro Epstein rarely turned to look at his young soloist, Chen graciously took her cues from the conductor. She combined technique and musicianship, weaving them into a thoughtful performance which the audience gratefully acknowledged afterwards.

Although an accomplished pianist himself, Shostakovich could probably be characterized as more of a "composer-pianist." Probably more than Prokofiev, Shostakovich (1906-1975) was the "tortured soul" of 20th-century Russian music. Much of his personal anguish is heard in his 15 string quartets. Moreover, history records his devastation when Stalin attacked his opera *Lady Macbeth of the Mtsensk District* (which, indeed, has scenes that remind one of a Madonna music video).

The Fifth Symphony, entitled "A Soviet Artist's Reply to Just Criticism," represented Shostakovich's capitulation to his government's demands. Although Shostakovich ultimately later treated these demands more sarcastically (e.g., Ninth Symphony), the Fifth Symphony has remained a popular work despite the external circumstances influencing its composition.

Typical of Shostakovich, the *Symphony No. 5* contains many passages of stark textures and jagged melodies, where the strings are sometimes asked to reach into the highest registers. Although the lean textures left the MIT violins and violas heavily exposed, they seemed to have more difficulty with the irreg-

ular rhythms here than with intonation in general.

Despite a rough start, the whole orchestra was able to pull together for the marvelous third movement, excellently shaped with great intensity. The third movement was such the highlight of the evening that even the most scrupulous members of the audience were probably willing to forgive less than perfect playing.

Unquestionably the most exciting sounds came from the brass section which played fantastically, most notably the trumpets. Their evenness of tone was a joy to listen to, and the extroverted, march-like sections were thrilling to hear for the sheer volume. The last section of the final movement seemed intentionally appended specifically for the brass players.

Maybe Shostakovich felt that a loud, emphatic ending would please the government officials, but at the least, the blaring finale — replete with the timpani, bass drum, and horns — provided a good "bang" to let the audience know when to clap. Helped by the excellent choice of tempos, the audience was glad to oblige.

Aside from the fine performance by Sophia Chen, the MIT Symphony Orchestra delivered a moderately acceptable performance of the Shostakovich. Their account of the Shostakovich symphony was far superior to their rough-house accompanying in the Prokofiev concerto.

The orchestra was definitely much more sympathetic in the previous concerts — for example, the Walton Viola Concerto and the Verdi *Requiem*. Rumor has it that they will be performing again with the MIT Concert Choir next semester, and it will be interesting to hear if accompanying a chorus readily improves the orchestra's sound as it did last semester.

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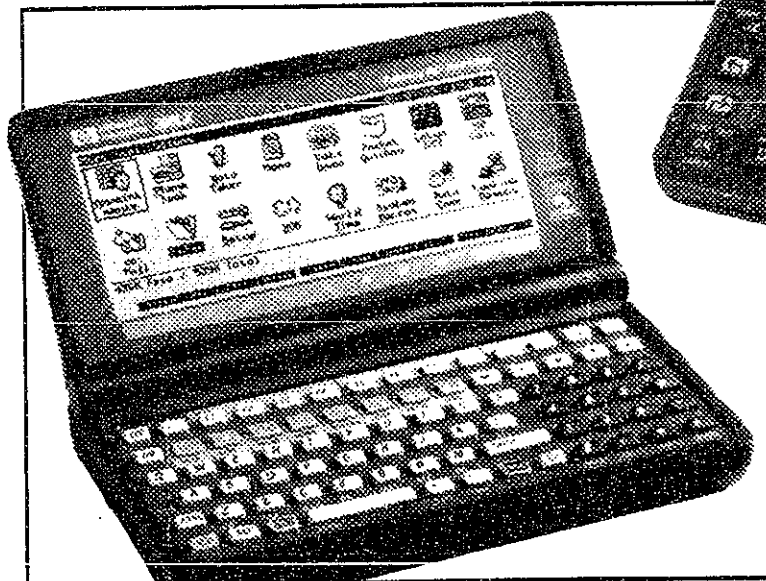


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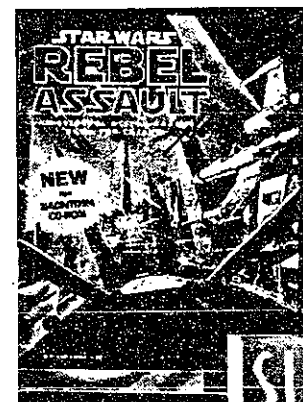
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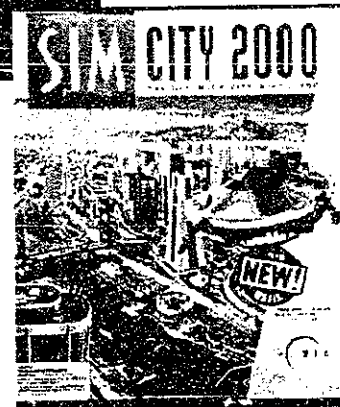
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Bon Jovi satisfies fans, but not themselves, on new CD

CROSS ROAD

Bon Jovi.
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By Scott Deskin
ARTS EDITOR

There's no use denying it: Back in junior high or middle school, Bon Jovi was one of the coolest arena-rock bands around. With its 1986 release entitled *Slippery When Wet*, lead vocalist Jon Bon Jovi and company proceeded to conquer MTV and top-40 radio with their slick, glam-rock. And, admittedly, there was an urgency to Bon Jovi's definitive anthem, "Livin' on a Prayer," that is still kind of refreshing.

Though I personally never bought an album or a t-shirt, I grew to enjoy Bon Jovi's music if I heard it on the radio. In short, Bon Jovi's phenomenal rise in the 1980s reflected the surging popularity of soft-core metal/glam-rock bands (Poison, Winger, etc.) who took their primary musical influences to be Kiss and REO Speedwagon.

It's been over 10 years since the band first formed, and over two years since the release of their last full-length LP, *Keep the Faith*. That album proved that, with Jon writing most of the songs after a two-year hiatus for the band, their success was largely dependent on the whims of the market, since it sold millions less than their previous albums, *Slippery When Wet* and *New Jersey* (1988).

While Jon Bon Jovi released a solo album, *Blaze of Glory* (from the *Young Guns II* soundtrack), in 1990 with moderate commercial success, none of the other band members could make it on their own. Perhaps out of a kinship (or sympathy) toward his fellow band members, or in hopes of artistic renewal, Jon has reformed the group for good and has just released a greatest-hits package entitled *Cross Road*, a symbolic career capsule where the members of Bon Jovi are forced to peer

long and hard at their future as rock 'n' roll artists.

Along with the 20 or so other recent "greatest hits" releases (ripe for Christmas gift-giving), *Cross Road* offers a generous sample of Bon Jovi's best-known songs from the '80s, including "Livin' on a Prayer" and "I'll Be There for You." In some cases, I still enjoy the giant guitar riffs and synthesizer hooks that permeate each song.

Often, though, the lyrics ring kind of hollow — specifically, the cliché-filled refrain of "You Give Love a Bad Name": "Oh, you're a loaded gun / [Guitar solo] / Oh, there's nowhere to run / No one can save me / The damage is done." Occasionally, some of Jon Bon Jovi's lyrics transcend the arena-rock image, such as on "Wanted Dead or Alive," whose performance at an MTV Music Awards show was the putative origin of the acoustic-based "Unplugged" series. Too often, though, Bon Jovi's artistic reach has always exceeded its commercial grasp, leaving Jon with a misplaced sense of the common-man identity that he "shares" with fellow New Jersey musician Bruce Springsteen.

The newer tracks are more musically complex, more socially conscious, and less commercially accessible. But it's not a case of Bon Jovi outgrowing its audience: The teenage fans who accelerated the band's success in the 1980s have diverted their attention to other groups or other movements altogether. Also, today's teenagers aren't old enough to appreciate Bon Jovi's contributions to rock music of the past decade.

"Someday I'll Be Saturday Night" and "Prayer '94" (an acoustic rendition of "Livin' on a Prayer") are little more than off-the-cuff, instantly-forgettable filler. The MTV-spawned hit "Always" has probably gained more attention for the video's indecipherable storyline and Jon Bon Jovi's perfect hair than for anything in the formulaic romantic ballad itself.

As for Bon Jovi's future, it seems questionable. All band members are quick to point out that *Keep the Faith* was a "transitional" or "experimental" record that didn't explicitly seek to relive the glories of the band's previous two albums.

For some groups, the next album after a greatest-hits release is a failure, and some of Bon Jovi's contemporaries (Motley Crüe and Poison, to name a few) have faded to near-extinction in the collective memory of the

music-buying public.

Although Jon Bon Jovi and guitarist Richie Sambora have both pledged a more coherent and socially-aware set of songs for the next album, one feels that they can never achieve the heights that they once reached in the 1980s. It'll take more than a few comeback tours in small clubs (like a performance here in Boston last week) for Bon Jovi to consolidate gains with its audience, to have any hopes of reliving its glory days once again.



The members of Bon Jovi, who recycle the hits of their career on *Cross Road*.

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SUMMER 1995

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Undergraduate science, mathematics, and engineering students are invited to apply for summer research projects at the MIT Haystack Observatory in Westford, MA. Research projects include radio astronomical studies, atmospheric physics investigations, and hardware and software development for data acquisition, processing, and recording systems. The positions are nominally three months in duration (June-August) and carry a stipend of \$1300-1500/month depending on academic level and experience. Women, minorities and students with disabilities are encouraged to apply. For further information and application materials write to:

Director / REU Program
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Application deadline is 1 February 1995.

SUMMER INTERNSHIPS AND REGULAR CAREER OPPORTUNITIES FOR MIT CANDIDATES AT THE DRESDNER BANK IN GERMANY

The Dresdner Bank, Germany's second largest bank and one of the 30 largest banks in the world, is inviting MIT students with appropriate majors to apply to the bank for summer and permanent positions. The establishment of the European Union, the opening of markets in eastern Europe, and the surging economies of the Pacific Rim have created exciting new opportunities for the bank in Europe and around the world. It is eager to recruit candidates from abroad to support its global activities. An average of four MIT students have had rewarding internships in Frankfurt in each of the last three summers.

The internships and permanent positions will be in the bank's international divisions which are involved in every branch of banking including corporate and public finance, international underwriting, and sales and trading in all its aspects (e.g. program trading, financial derivatives, interest-rate swaps, etc.). Like leading Wall Street firms the bank is looking for candidates with technical backgrounds as well as backgrounds in economics, business, etc. The bank has an interest in mathematical analysis and new computer-based methodologies. Further information is available at the Careers Office, Room 12-170.

The summer internships will run from June 12 to August 4, 1995. Interns will have free accommodation in apartments provided by the bank, will get their lunch for free on working days, will receive up to \$800 to cover their air fare, and will receive a tax-free allowance of DM 2,200 (roughly \$1,400 at the current exchange rate) for out of pocket expenses. This should be enough to pay for weekend expenses and for some travel in Europe afterwards.

Students interested in an internship need not know more than a smattering of German as long as they are prepared to improve their command of it before they arrive in Frankfurt; ideally someone who does not know German will be familiar with another European language, showing he or she has an interest in foreign languages.

Internship candidates should apply through the Careers Office by Friday, December 30. The Careers Office will collect all MIT applications and forward them to Germany. The bank asks for a resume, a cover letter in which you indicate the area of the bank in which you would like to work, and a transcript (or copy thereof). The letter should be addressed to Mr. Max B. Dugge, Senior Manager, Human Resources, Dresdner Bank AG, Jurgen-Ponto-Platz 1, D-60301 Frankfurt am Main, Germany. The bank will pick the candidates it wishes to interview and will hold interviews at MIT on March 8. It will make offers the same day and ask for a yes or no right then, if possible, so that it can start getting the necessary German work permits.

Candidates for permanent positions should write direct to Mr. Dugge. There is no fixed deadline. Appointees will receive a regular German banker's salary.

Career opportunities at J.P. Morgan

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Three from MIT Win Marshall Scholarships

By Sarah Y. Keightley
EDITOR IN CHIEF

Danielle C. Goodman '95, Lik Mui '94, and Jeffrey M. Tomasi '95 were named Marshall scholars, along with 37 other students nationwide, said Professor of Materials Science and Engineering Linn W. Hobbs.

More MIT students were granted scholarships this year than in the past several years, according to the MIT News Office.

The British Marshall scholarships allow American citizens who have recently graduated from a four-year university to study at a school of their choice in the United Kingdom.

Each award pays for two years of schooling, and can be extended for a third year. The scholarship includes tuition, a personal allowance, and travel costs to and from Britain, totaling on average about \$22,000.

"It's really great for MIT to have three people," Goodman said. "It's a really good reflection on MIT; and all the work Professor Hobbs does for the program."

"MIT is very successful, as it should be," Hobbs said. "The cream of the cream is here, and I'd be surprised if we didn't do well."

"I knew that I wanted to take some time off before entering medical school, and I wanted to have the opportunity to study abroad," said Goodman, who is majoring in political science.

In her application, Goodman said that she wants to work toward a master's degree in public health at the University of Edinburgh. This "would enable me to continue my research in maternal health and explore the abilities of governments to address public health problems. ... Edinburgh offers an ideal environment to combine my interests in medicine and public policy," she wrote.

After her British education, she wants to "become a physician in the National Health Service Corps., specializing in pediatrics or obstetrics and gynecology," according to her application.

Mui majored in electrical engineering and is currently a first-year student in the Harvard/MIT Health Sciences and Technology program. In his personal statement Mui said, "I would like to be a medical engineer with social, economic, and managerial perspectives."

Mui plans to get a degree in the engineering, economics, and management program from Oxford University. After starting a software

business with friends, "I now realize that in order to gain the greatest satisfaction through my engineering skills, I have to know the economics and management of engineering very well. An abroad study at Oxford ... will also enable me to gain an international experience through interacting with people from different nationalities," he wrote.

"I had never even heard of the scholarship until this year," Tomasi said. Tomasi is a physics major, with a minor in philosophy. He would like to continue studying physics at Cambridge University, and being a four-year member of the MIT heavyweight crew team, he hopes to continue rowing in England.

"My crew coach went to Cambridge, and he told me a lot of great stories about rowing and the atmosphere there after I initially had the impulse" to apply, Tomasi said.

"I just want to do some traveling. I've never done much traveling so this is going to be a great opportunity for me," Tomasi said.

"In the future I hope to use my experience gained in Britain as an active researcher involved in pro-

Marshall, Page 19



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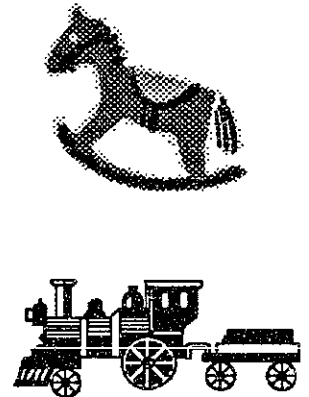
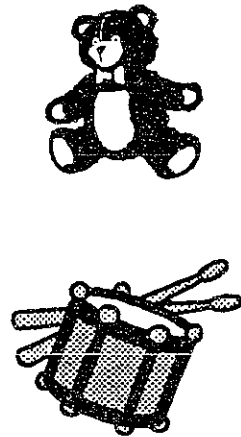
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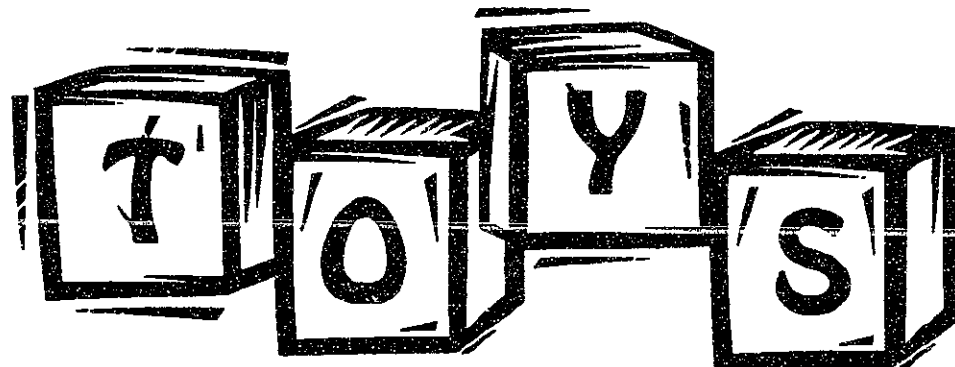
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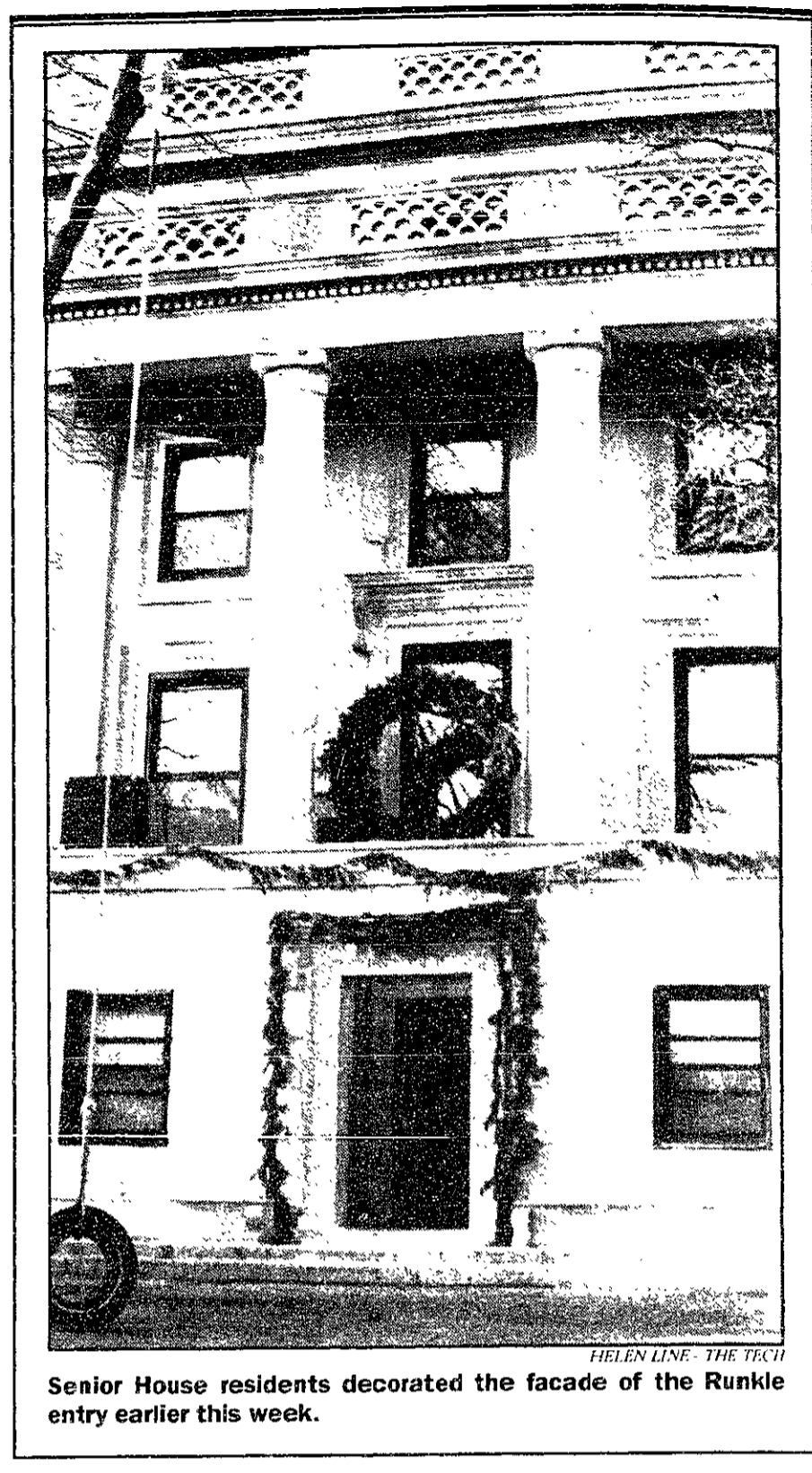
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Burton-Conner Concerned by Latest Arson Attempt

Burton-Conner, from Page 1

However, it is still undecided whether or not the incident was actually attempted arson. "We don't know if it was just negligence yet or if it was a purposeful act," said Niraj Gupta '96, Burton-Conner president. "We didn't call an emergency meeting [because] the burner that was on wasn't affecting the papers, which were on the other side of the stove."

Still, the fact that the fire involved toilet paper, an item not often found in kitchens, raises suspicions that the incident may have been something other than simple negligence, Donaghey said.

"We're looking into where the toilet paper was before the incident," with the hope of finding out if it had been deliberately brought over or just carelessly pushed aside from a nearby counter, Donaghey said.

Residents concerned, not afraid

In general, residents expressed concern over the event, though they are not overly afraid.

"It's kind of sad this is going on at MIT," said Nathan R. Schnidman '95. "I have no idea why it's happening. The way the fires have been scattered about it doesn't look like its against anyone personally."

If "someone is trying to be a vandal, it also doesn't make much sense because it's not being done in a way that's going to cause too much harm," Schnidman said. "Most of the attempts seem to be easily preventable. No one's given a reason why it might be happening."

"They want us to lock our suite doors, which we don't do normally," said Amy J. Varney '96, another Burton-Conner resident. "I don't really think of locking my suite door."

Like many residents, Varney is at a loss to find a motive for the incident. "I think there's definitely something going on," Varney said. "It's like they're trying to scare someone, but not trying to bring the building down. ... It's like someone's trying to get attention."

In response to this most recent incident, residents working the front desk have been asked to pay special

attention to people coming into the dormitory, Gupta said.

"We've asked students to lock

their suites at night, and although some students complain" that locking suite doors impinges on their

ability to socialize, "we do find a lot more suites locked at night," Donaghey said.

Burton, MacGregor Sites of Recent Fires

Thursday, Oct. 13
Third Floor
Suite 333

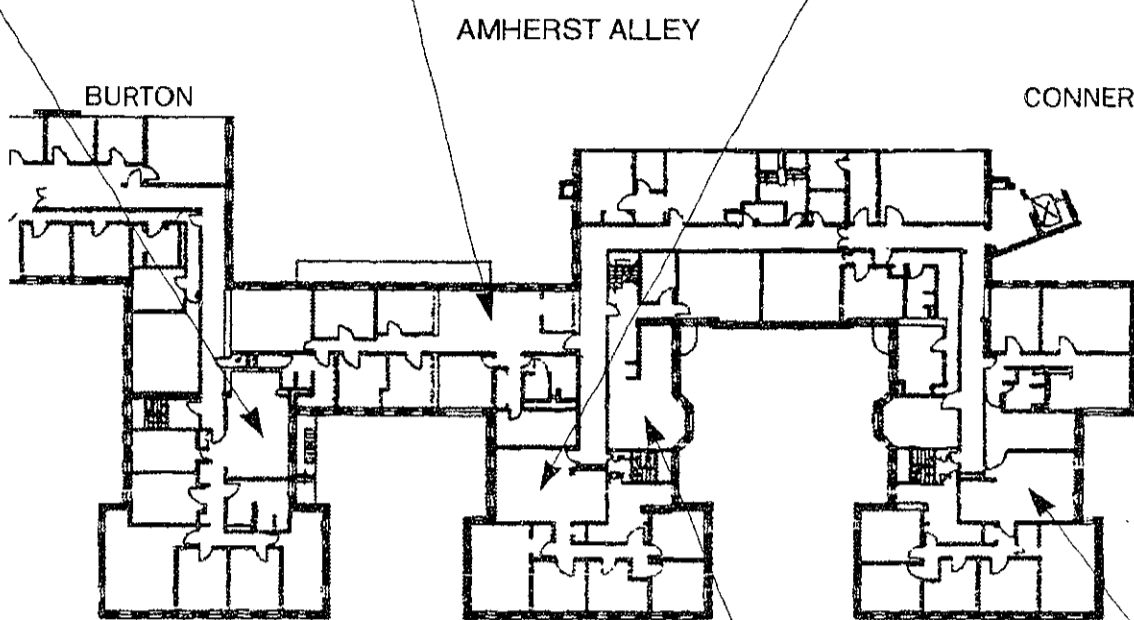
Oven mitts and towels found piled on a lit kitchen stove burner early Thursday morning; smoke fills suite.

Friday, Oct. 14
Fifth Floor
Suite 523

Newspaper and other flammable material found layered over a lit kitchen stove burner early Friday evening.

Wednesday, Oct. 12
Fourth Floor
Suite 424

A copy of *The Wall Street Journal* found burning on the suite's kitchen stove around 6 a.m. prompts building evacuation.



Sunday, Dec. 4
MacGregor House
J-entry

Roll of scorched toilet paper found in the first-floor bathroom. Smoke prompted dormitory-wide evacuation.

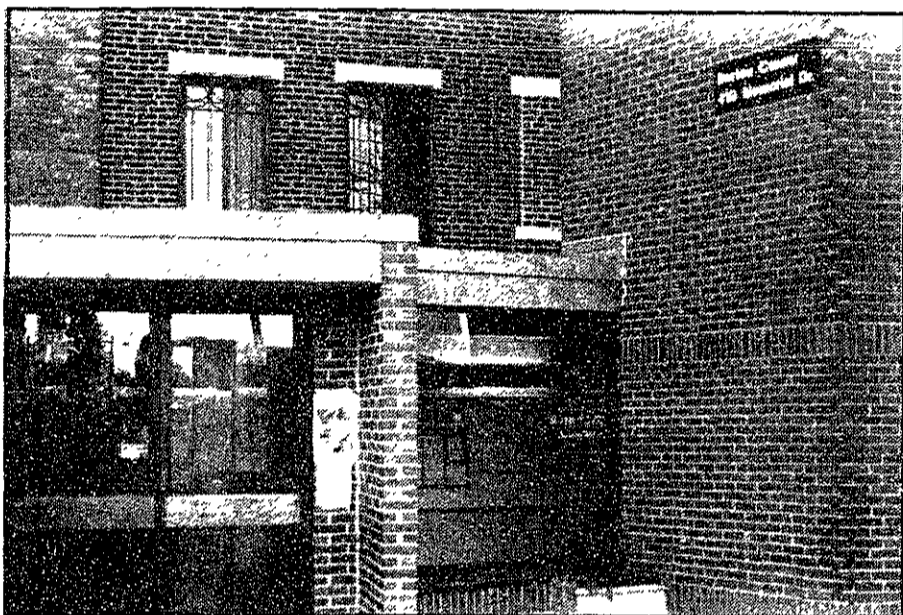
Tuesday, Dec. 6
Second Floor
Suite 222

Roll of paper towels and toilet paper found on top of a lit kitchen burner in this latest attempted arson incident.

Wednesday, Oct. 12
Second Floor
Suite 213

Flammable material found smoldering on a lit stove burner shortly after reports of a fire in suite 424.

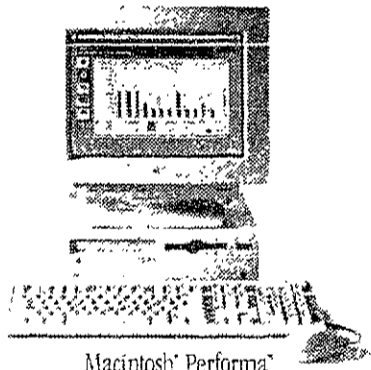
GRAPHIC: Office of Facilities Management Systems



Burton-Conner House

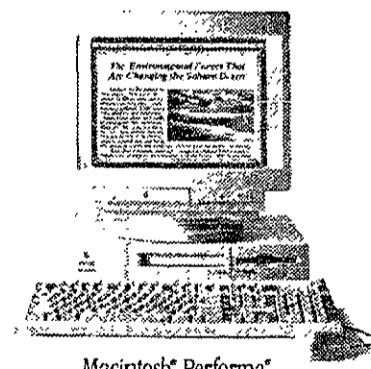
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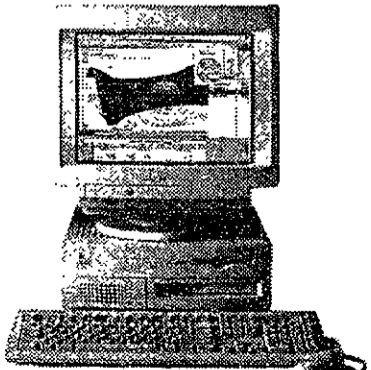
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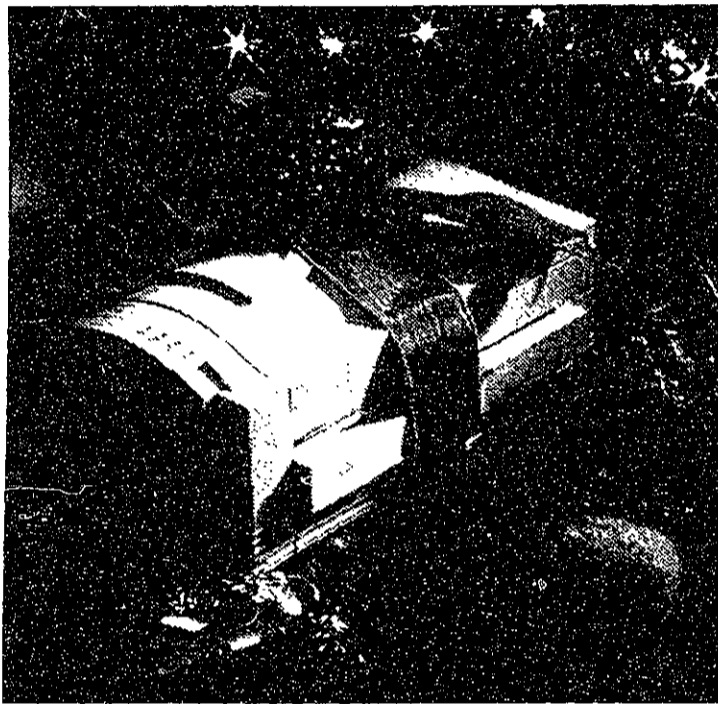


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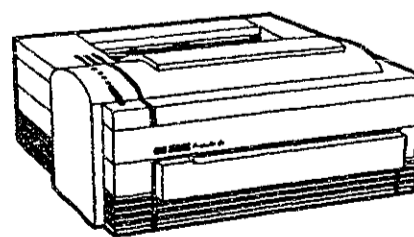


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Bates College Earns Victory in Debate Tournament at MIT

By Don Lacey
STAFF REPORTER

On Friday, Dec. 2 and Saturday, Dec. 3, the parliamentary debate team hosted its third annual debate tournament.

The event attracted 56 teams from schools such as Harvard University, Princeton University, and Yale University, according to team President Anand R. Radhakrishnan '96.

A team from Bates College composed of Quoc Tran and Chris Tine debated Princeton's Doug Kern and Gwen Snorteland in the tournament's championship round. The case set forth by Bates, in keeping with a tradition of offbeat final round topics, was that parents should not tell their children that Santa Claus is real if they ask.

Princeton countered by arguing that such a policy would be detrimental to the spirit of Christmas, and during a section of the round where speeches from non-competing individuals are allowed, a member of a team from Harvard argued that both teams were mistaken in their assumption that Santa Claus does not exist.

A panel of seven judges from MIT eventually gave the win to Bates.

MIT is a member of the American Parliamentary Debate Association, a nationwide collegiate parliamentary debate league. Collegiate

debate of this sort differs from the "policy" debate with which most people are familiar, said Vice President S. Roopom Banerjee '97.

"Parliamentary debate is totally extemporaneous, and therefore requires much less preparation than do many other formats," Banerjee said. "That's really helpful for MIT students, because we're generally too busy with schoolwork to spend a lot of time researching cases," he said.

In addition to the straight debate rounds, MIT sponsored a speech contest in which participants had to speak extemporaneously on a humorous topic for three minutes.

Yale University's Mark Oppenheimer won the competition, despite another speaker's complaint that Oppenheimer's attempted witticisms had only served to solidify his reputation as father of the bomb.

The MIT tournament is popular with other teams because unlike many schools' events, "MIT runs on time," said Radhakrishnan, adding that Tournament Director Cynthia V. Santillan '96 deserved much of the credit for the invitational's punctuality.

"We're also grateful for the many student volunteers who pitched in and helped to judge," Radhakrishnan said.

In accordance with APDA protocol, no MIT teams competed in the tournament.

Career opportunities at J.P. Morgan in Asia

A dinner by invitation only, for MIT graduating Seniors and qualifying Juniors, will be held on Thursday, February 9, with on campus interviews scheduled for the following day for full time and summer intern positions in

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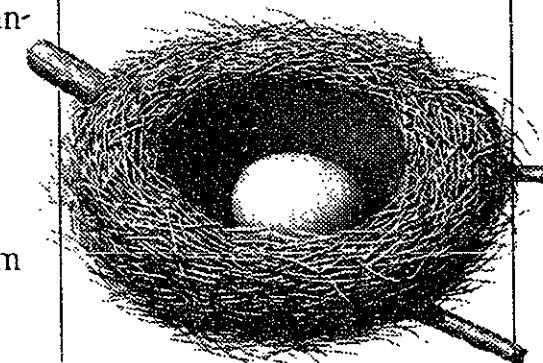
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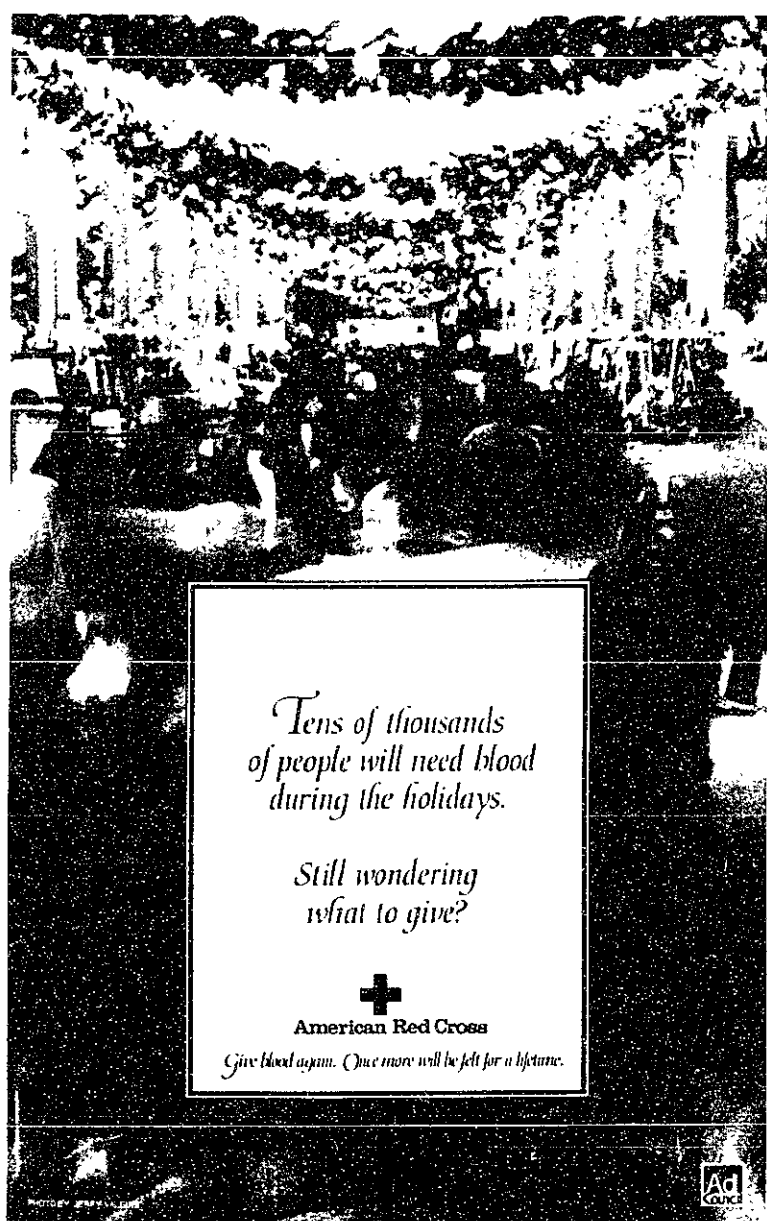
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Plus Intellectual Property, 1-4 PM in Room E25-111

Thu *High Tech Marketing and Sales*

1-4 PM in Room E25-111, followed by reception

Financing

6:30-8:30 PM in Room 6-120 ()*

Fri *Raising Money and Launching Your Company*

*Live Presentation and Analysis of a Startup Business Plan
1-4 PM in Room E25-111*

MIT Enterprise Forum IAP Committee: *Ralph E. Grabowski '63*
Matthew K. Haggerty '83 Martha Hooper Karen Mathiasen GM '71
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This course is FREE for MIT students/faculty/staff. Business community registration is \$150 for the full, integrated four-day program. Scholarship aid, and a single-day ticket for \$50 is available. Make checks payable to the MIT Enterprise Forum and send to 201 Vassar Street, Room W59-219, Cambridge MA, 02139. Call (617) 253-8240 for more information.

**MIT ENTERPRISE
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Repeal of Rent Control Will Affect Some Students

Rent Control, from Page 1

Schwarz said. "I can't predict what the landlord will do."

MIT should "try to use its influence to protect rent control if it can," Schwarz said. The Institute should "make clear why rent control might be necessary" in a city with two major universities. "There are just a lot of students," he said.

Susan C. Eaton G agreed. "MIT should take a position supporting" rent control, she said. "The stipends and teaching assistantships should be more realistically" geared to the needs of graduate students, she said. "They cover rent, and that's about it," she said.

Eaton thinks that she will have to move if there is "any substantial increase" in her rent. "They've been trying so much to raise the rent," she said. "I think we may have to move."

The Graduate Student Council is "pretty focused on the on-campus situation" in housing, said Joseph J. Bambenek G, co-chair of the GSC Housing and Community Affairs Committee. "We ... work on the issues that someone with a concern comes to us with," he said. "No one has approached us on the rent control issue, so we haven't had to deal with it," he said.

"We want there to be enough affordable, relatively convenient,

somewhat socially rewarding, and safe on-campus housing spaces to accommodate grad students who want to live on campus," Bambenek said.

The GSC also wants an off-campus housing office "to help students find safe and affordable housing off-campus and ... serve as a resource for information regarding leases and tenant rights and responsibilities," Bambenek added.

The administration is "reviewing building another building" to house students, Patton said. But it is "three to four years from the planning to the opening" of a dormitory, she said. "It is a goal."

"We are making an effort to

guarantee all first-year graduate students on-campus housing," Patton said. Last year, 90 percent of first-year graduate students lived on campus, she said. Family housing is presently guaranteed for two years. "There is only a limited amount of space," Patton said.

About 200 graduate students currently live in MIT-owned off-campus housing in Cambridge, said Joseph McGuire, property manager of the Institute Real Estate Office. In response to election-day results, some MIT graduate students living in MIT off-campus housing "were afraid that rents were immediately

going to double," McGuire said.

But according to Sarah E. Gallop, assistant for government relations in the President's Office of Government and Community Relations, MIT "does not anticipate making any significant changes" in rent prices. "Once a year, we look at the rents and make adjustments," she said.

MIT owns only about 40 rent-controlled units, Gallop said.

By contrast, Harvard University, a large force in Cambridge real estate, owns about 700 rent-controlled units, McGuire said.

Three Code Their Way to Victory In Regional Programming Contest

By Ramy A. Arnaout
NEWS EDITOR

Last month a team of three MIT students won this year's Northeast Regional Programming Championship, held in Oswego, N.Y. The contest is put on by the Associates for Computer Machinery.

The three team members — Emanuel V. Todorov G, Peter N. Ivanov '95, and Theodore G. Tonchev '96 -- had five hours and one workstation to solve as many problems as they could out of a total of seven given, said Professor of Mathematics F. Thomson Leighton '81, who coached the team.

For the second year in a row, the team, one of three to finish all seven problems, is heading to the final, international round of competition, in Nashville, Tenn. in March.

There, the two Northeast teams will face the 40 best teams from about 30 regional contests held around the world, Leighton said. The rules state that participants must be undergraduates or first- or second-year graduate students.

Questions ranged from how to file returned library books to monitoring wheelchair patients, said David B. Wilson G, who helped manage and train the team.

A second MIT team was barely edged out for the victory by the narrow margin of 20 minutes, and took second place out of a field of 45 teams from around the Northeast. A team from Harvard finished a distant third, nearly two hours behind the MIT teams.

Usually the top two teams in regional competition are guaranteed berths in the finals, but the contest rules limit each university to only one team. Thus, only the first-placed MIT team will go to the finals this year, Leighton said.

Participants pleased

"It was an experience," said Tichomir Tenev '96, who together with Ross Lippert G and Brian Dean '98 comprised the second MIT team. "The questions were not very difficult. It was mostly a question of how efficient we were. There was also a very large proportion of luck."

Tenev's team actually led the competition until the last question. "That was [one] reason we were so sorry for losing," he said. "This was another place where the lack of experience shows up. We got stuck on the last question."

But the contest was still "a very close call," Ivanov said. "A 20-minute difference is a matter of chance. We were not better than the other team; we were luckier in choosing our strategy," he said.

"One of the most important skills tested in these contests, in addition to the obvious one — programming — is the questionably useful ability to work with relatively outdated [programs]," Ivanov said. "The worst limitation is the fact that a team of three has to use a single terminal. ... Actually, this is what makes these contests fun, and an actual team challenge ... except in

the case where the team does poorly because of a poor strategy for sharing the unique workstation."

"The competition is a really good thing," Berger said. "It's exciting. It's not the Superbowl, of course, but it's fun to watch really smart college students excel at this kind of competition."

"We've been doing [this competition] for decades," Leighton said, although before last year, MIT had not had sent a team to the competition for many years, he said.

The winning team played a large part in MIT's return to competition, Leighton said. "They're the ones that got this thing going last year. They heard about this competition

and wanted to do it."

"The other two members of the team and I gained a lot of our programming experience" as high-school students in Bulgaria, Tonchev said.

Last year, they were working for Assistant Professor of Mathematics Bonnie A. Berger PhD '90, Leighton said. "She agreed to be their coach, and they became a team," Leighton said.

This year, Berger and Leighton held MIT-wide tryouts for the team. Flyers advertising the contest were posted in Athena Computing Environment clusters campus-wide. "About 20 people spent all of one Saturday night coding," he said.

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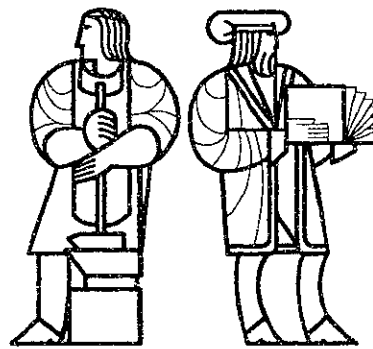
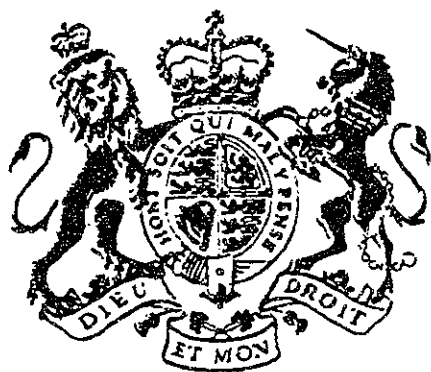
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Arthur C. Smith
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- **Attend student forums to be held during the last two weeks of IAP at the following locations:**
Burton-Connor, Next House, East Campus, Chocolate City, Student Center (IFC), and GSC Lounge
- **Talk to your student representatives:**
Undergraduate Association (UA), Dorm Council, Interfraternity Council (IFC), Association for Student Activities (ASA) or Graduate Student Council (GSC)

Or write to the Advisory Committee on the Selection of the Dean for Undergraduate Education and Student Affairs, Room 8-109.

POLICE LOG

The following incidents were reported to the Campus Police from Dec. 2-8:

Dec. 2: Bldg. 5, equipment stolen, \$1,300; Coca-Cola vending machines broken into, across campus, \$12,000; West Garage, tire slashed; Bldg. 3, harassing phone calls.

Dec. 3: New House, party problem; Bldg. 1, Coca-Cola vending machine broken into, \$300.

Dec. 4: MacGregor House, fire; Kresge Auditorium, bicycle stolen, \$600; Ashdown House, male arrested for trespassing.

Dec. 5: Bldg. 9, wallet stolen, \$100; Bldg. 39, food stolen, \$100; Bldg. 14S, suspicious activity; Bldg. 20E, cash stolen, \$35; Bldg. 39, cellular phone stolen, \$113.

Dec. 6: Bldg. E53, laptop computer stolen, \$1,500; Bldg. 24, flute stolen, \$1,800; Bldg. 38, backpack with eyeglasses stolen, \$275; Johnson Athletic Center, shin pads stolen, \$100.

Dec. 7: Bldg. 68, bicycle stolen, \$465; Bldg. 5, copper fittings, \$300; Bldg. 45 parking lot, attempted larceny of '88 Oldsmobile; East Campus, briefcase stolen, \$400.

Dec. 8: Bldg. 35, bicycle stolen, \$700; 33 Massachusetts Ave. bicycle rack, bicycle stolen, \$200; West Lot Annex, attempted larceny of '94 Jeep; DuPont Gymnasium, jacket with \$40 cash stolen.

Marshall Scholars Plan Studies in United Kingdom

Marshall, from Page 11

cts which integrate teams from across the globe," Tomasi wrote.

Intense application process

Applicants apply from five regions of the country, and students can choose to apply from where they live or where they go to school, Hobbs said. Each region interviews about 18 to 20 candidates, Hobbs said. Then, each region sends a list to the ambassador's commission in Washington, he said.

Goodman was interviewed in the British consulate in Boston before a panel of six people. Hobbs, a past recipient of the scholarship, chaired the Northeast region's panel, Goodman said.

The advisory council, made up of the regional chairs and the British ambassador, met on Dec. 2 to discuss the final list. The council then called the winners, Goodman said.

MIT students' applications are handled by the Graduate Dean's Office, and candidates need a minimum grade point average of 4.7 to apply, Hobbs said. Universities recommend students for the scholarship, and MIT normally submits about nine candidates, Hobbs said.

The Marshall program was started by the British Parliament in 1953 "as a practical and enduring gesture of thanks on behalf of the British people for assistance received from the United States in the aftermath of the Second World War," according to the program's brochure.

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Information Session

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Physics Will Offer Trial Run of 8.112 During IAP 1995

IAP, from Page 1

burden on students. "We're very sensitive to piling things on students and feel that this is a happy compromise. ... We feel we've done this at the right level without destroying the old spirit" of IAP.

This IAP, 8.112 will be taught by Professor of Physics Richard K. Yamamoto '57. The goal of the class is "mainly to have projects oriented toward data acquisition," Yamamoto said.

IAP 1995 will be a trial run for the new course, so the enrollment will be limited to 10 students, Yamamoto said. "I am still setting up the lab and [doing] a lot of debugging. ... Hopefully it will go okay."

IAP is growing

The number of credit activities offered during IAP has risen a great

deal over the past few years, said Mary Z. Enterline, associate dean for Undergraduate Academic Affairs.

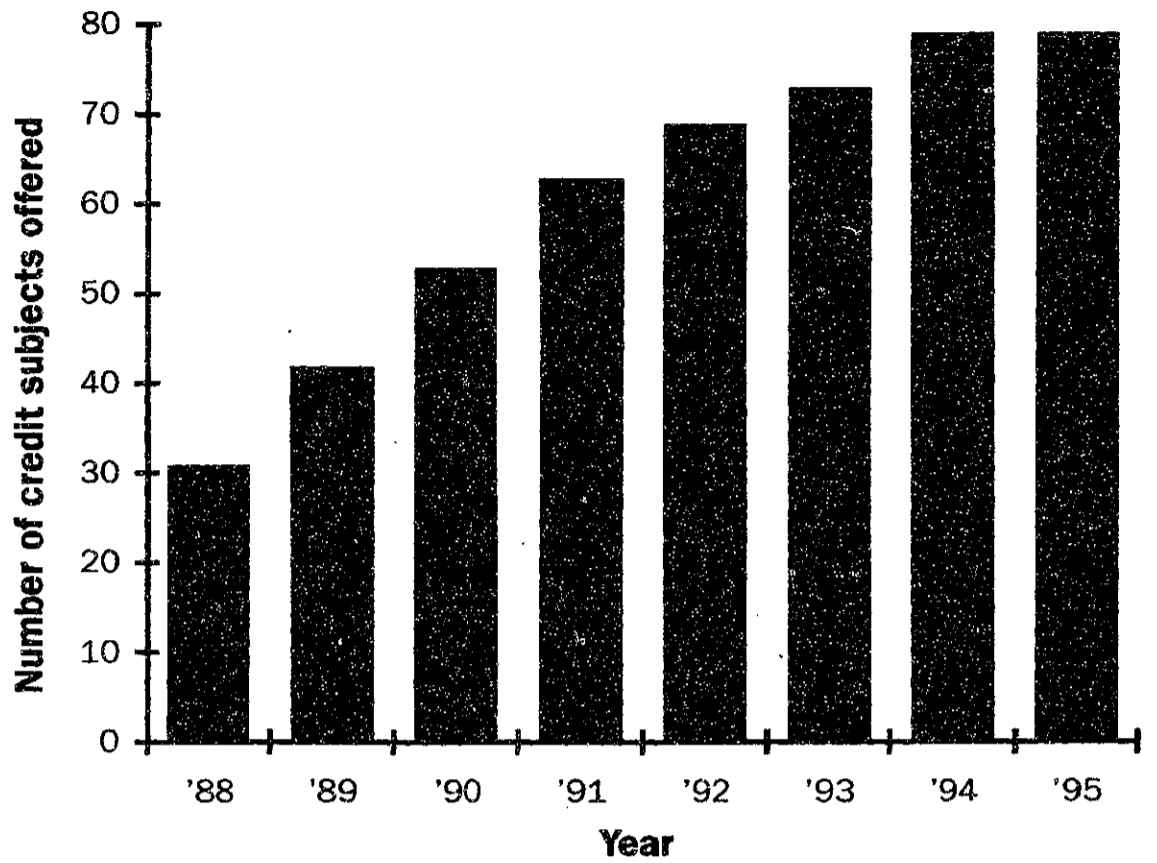
The number of subjects offered has grown steadily from 31 in IAP 1988 to 79 in the upcoming IAP, with the number of undergraduates registered for credit activities increasing from 283 in IAP 1988 to 1132 in IAP 1994, she said.

Enterline believes that IAP is ideally suited to certain types of subjects, such as the LEGO Robot Design Competition (6.270) and language courses.

In addition, the Department of Earth, Atmospheric, and Planetary Sciences "organizes some trips which were credit courses. ... IAP is uniquely suited for trips like these," Enterline said.

"The demand for credit subjects has not yet been met," Enterline said, adding that the increase in IAP credit activities should continue. She also said that allowing departments to offer requirements exclusively during IAP would contribute to the trend.

Number of IAP Subjects Offered for Credit, 1988-1995



SOURCE: Undergraduate Academic Affairs



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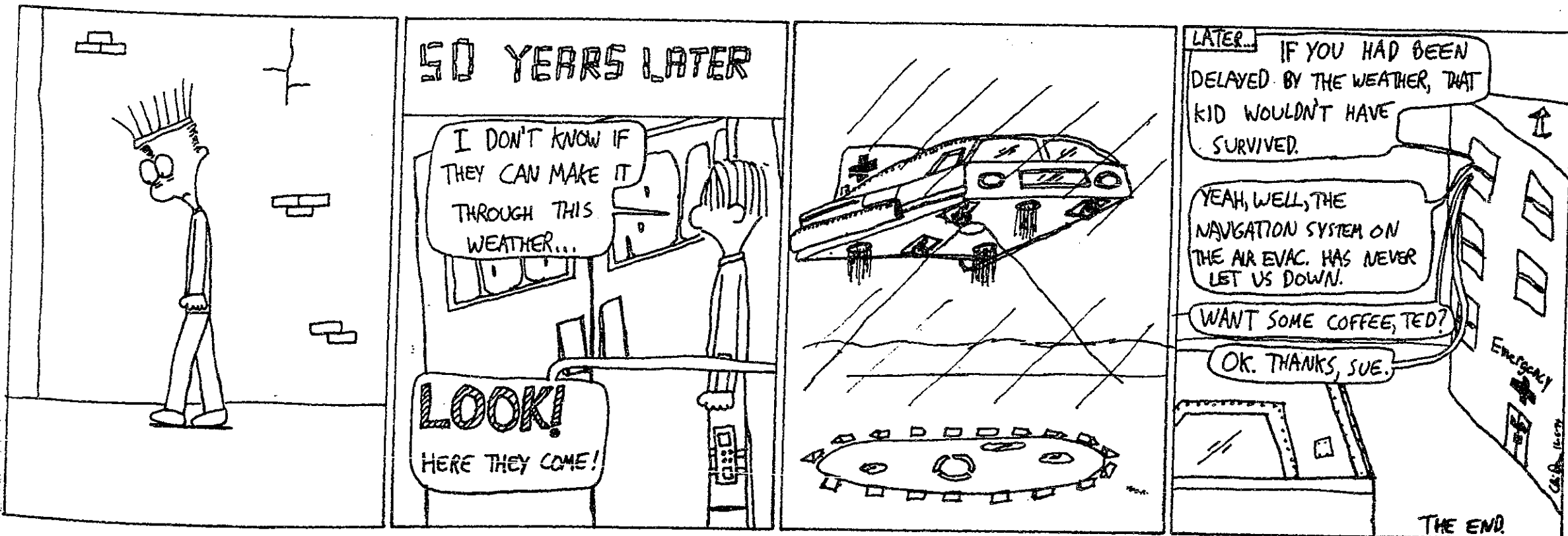
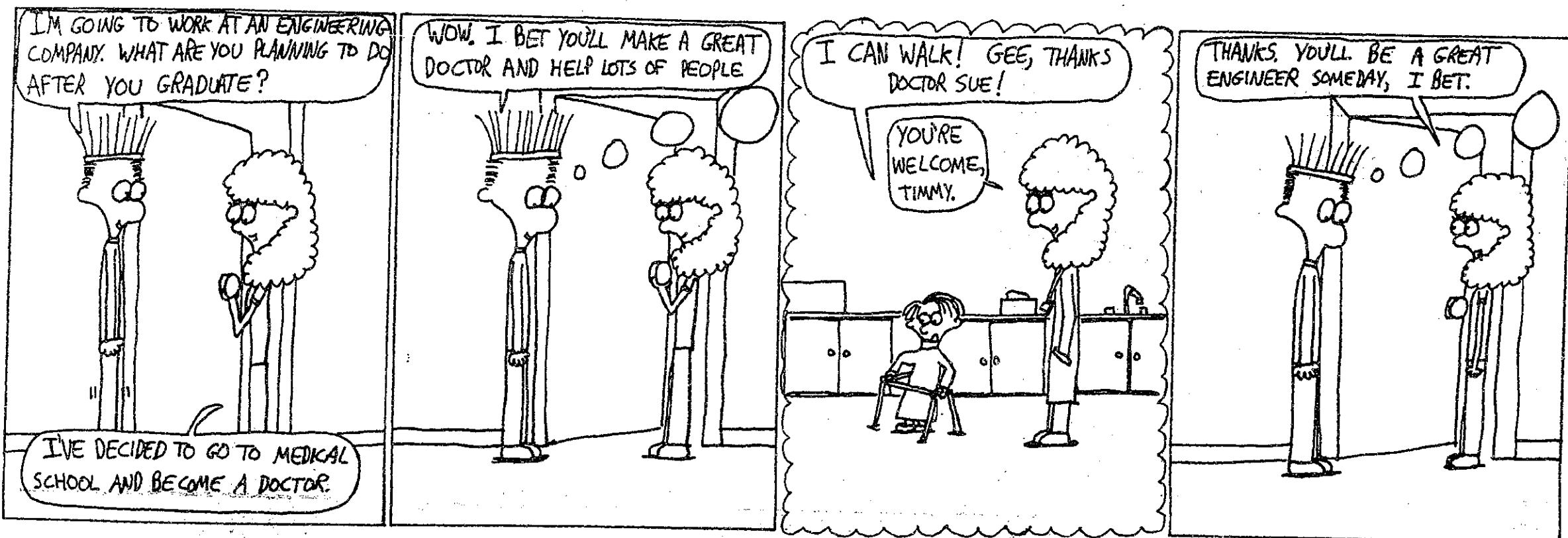
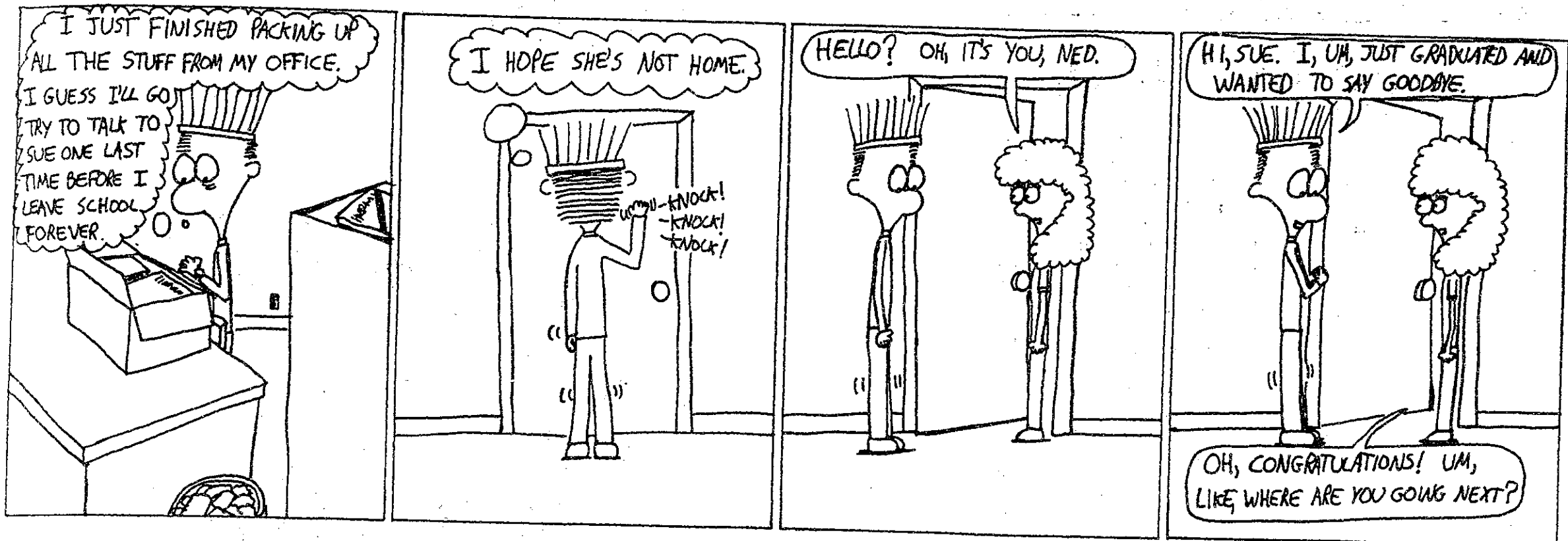
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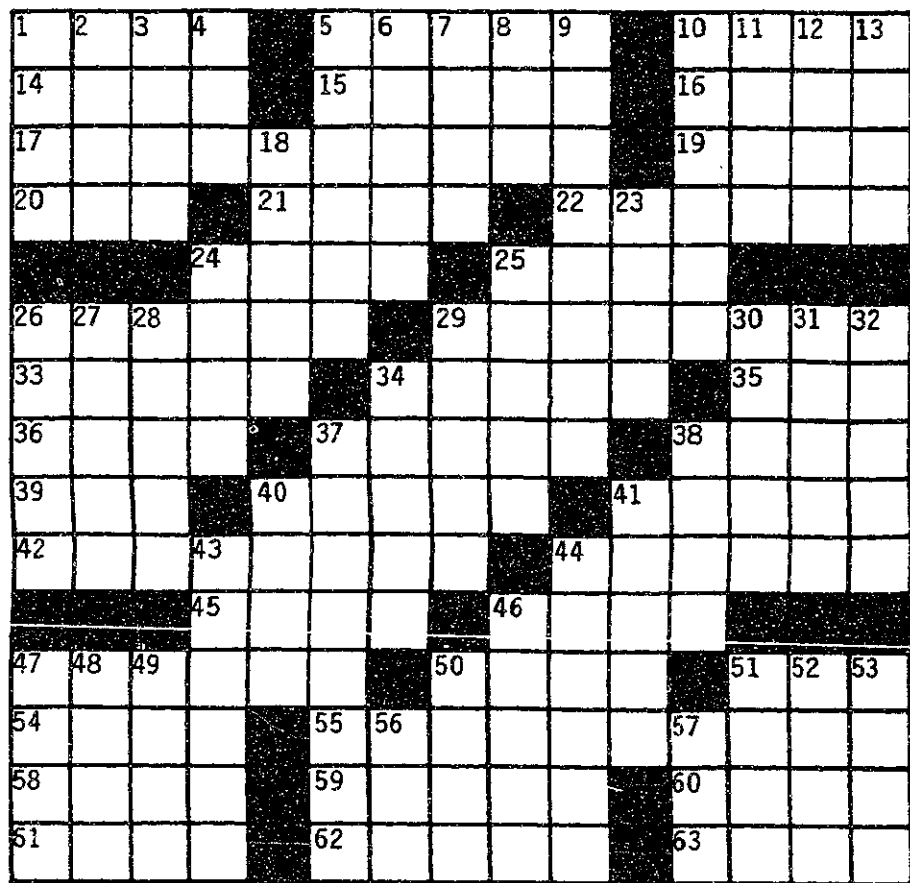
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■ Information

College students wanted for the "\$10,000 Pyramid" Game. Call Mike at 499-1922.

IAP Physical Education. Registration will be held in Rockwell Cage on Monday, January 9, from 12:00 to 1:00 pm. Classes begin January 10. Schedules are available in the duPont lobby. Opportunities include: Aerobics (morning, noon, evening), Step Aerobics, Badminton, Basketball, Boxing, Fencing, Field Hockey, Folk Dance, Hockey, Judo, Lacrosse, Lifeguarding, Partner Dance, Pistol, Ropes, Self Defense, Figure Skating, Skiing, Indoor Soccer, Squash, Swimming, Tae Kwon Do, Tennis, Advanced Tennis Doubles, Video Dance, Advanced Volleyball, Water Polo, and Weight Training. "Swimming Stroke Analysis" and "Pro Wrestling: Sport, Spectacle, or Societal Aberration" will be offered as non-credit activities only. Call the Physical Education Office x3-4291 for more information.



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ACROSS

- 1 Arabian ruler
- 5 Helmet part
- 10 Identical
- 14 Cod or Horn
- 15 Pygmy antelope
- 16 Journey
- 17 Pertaining to acting
- 19 Anger
- 20 Yoko —
- 21 Skin ailment
- 22 Works with dough
- 24 Former TV Bishop
- 25 On the ocean
- 26 "Julius Caesar" conspirator
- 29 Moorish palace in Granada
- 33 Coral island
- 34 — Tuck
- 35 Women's —
- 36 Talk wildly
- 37 South American parrot
- 38 Gainsay
- 39 Prefix for gram or graph
- 40 Cupolas
- 41 Old Testament book
- 42 Shut off

DOWN

- 1 Reverberate
- 2 Water pipe
- 3 — facto
- 4 Soak
- 5 Expresses
- 6 Literary device
- 7 Trigonometric ratio
- 8 Japanese sash
- 9 Oriental carriage
- 10 — of consciousness
- 11 Operatic solo
- 12 Merge or blend

13 — out a living

- 18 Hollywood's — Walsh
- 23 Close to
- 24 Reject
- 25 Otherwise called
- 26 Ventures
- 27 Troop encampment
- 28 — section
- 29 Curved
- 30 Harmonize
- 31 A Beatle
- 32 Bottomless pit
- 34 Well-known
- 37 Preside over
- 38 Wine's partner
- 40 Cheat
- 41 Toy musical instrument
- 43 Passed, as time
- 44 Bigot

- 46 Functions
- 47 Bygone
- 48 1968 tennis champ
- 49 Word in fairy tale beginning
- 50 Prefix for meter
- 51 Tale
- 52 English prep school
- 53 Fiddler of old
- 56 Cowboy Tom —
- 57 Basketball hoop

PUZZLE SOLUTIONS FROM LAST ISSUE



SOLUTIONS IN THE NEXT EDITION OF THE TECH

Jim's Journal

By Jim

Yesterday Ruth told me that it's a good idea to brush cats.



That's why she got me a brush for Mr. Peterson.



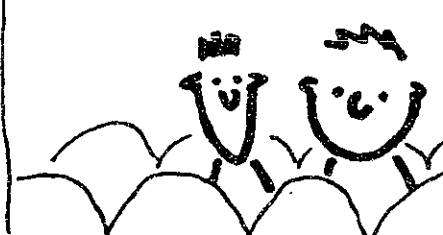
I brushed her and she flipped over and exposed her belly.



When I was done she followed me around.



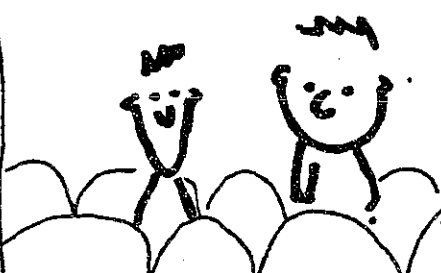
Today Steve and I saw a movie.



When it was over I got up to leave.



But Steve didn't get up, so I sat back down.

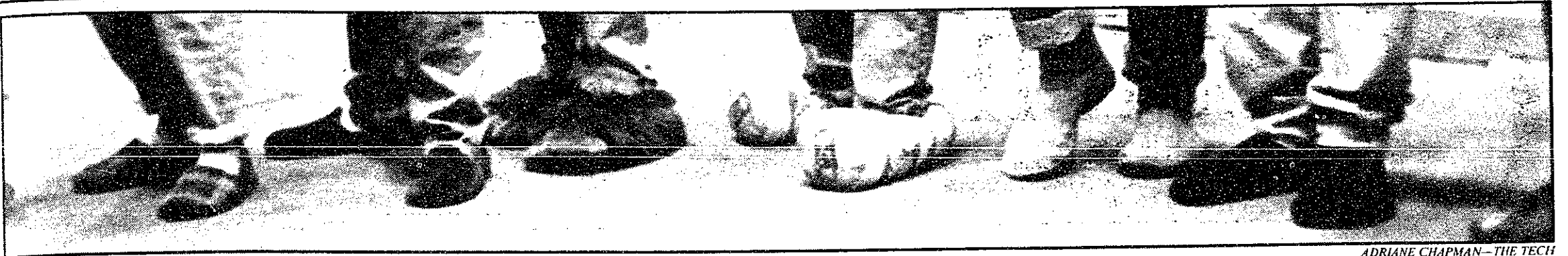


(Steve likes to stay for the credits.)

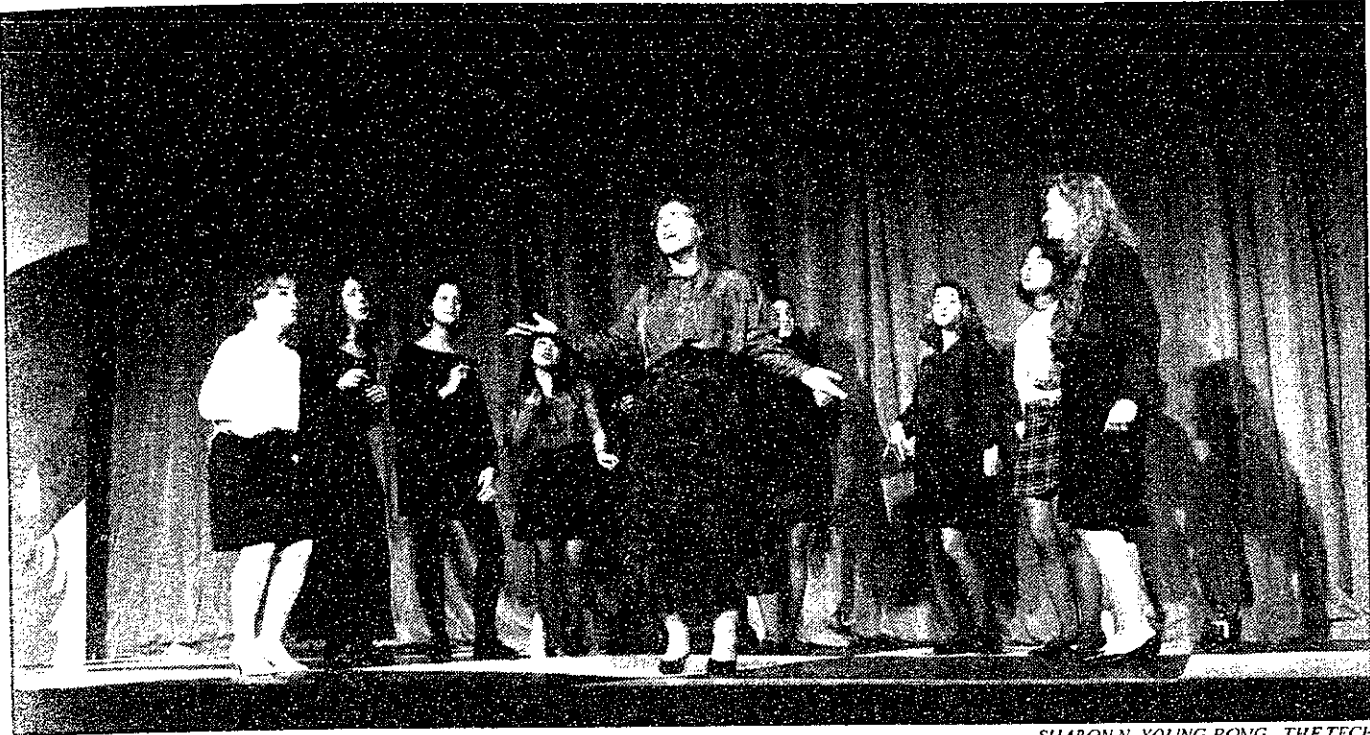


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ADRIANE CHAPMAN—THE TECH



SHARON N. YOUNG-PONG—THE TECH



ADRIANE CHAPMAN—THE TECH



ADRIANE CHAPMAN—THE TECH

Top: The Logarithms display some fancy feet during their "No Fireworks" concert Saturday night in 10-250.
 Right: Beth E. Siers '95 sings "Santa Baby" for the Muses concert in Little Kresge on Friday night.
 Above Left: The "Legs" of a 5-woman MIT group open for the Logs.
 Left: The Salem State Stormtroopers of Death give a heartrending performance.

What really happens when we die?
 For anyone with faith in science,
 finally some comfort as well.
 Published just in time for Christmas

NEURO THEOLOGY

Virtual Religion in the 21st Century
 Laurence O. McKinney

Can reason ever replace religion?
 Is consciousness a "virtual reality"?
 What really happens when we die?

The answers may surprise you, delight you, or annoy you; but you will not dismiss or forget them. A cutting edge crossover between human nature and modern science, Neurotheology will charm your mind. Responses to early chapters include:

- "Thought your piece was nicely written, and reminded me of Lewis Thomas."
 — Arthur C. Clark
- "His Holiness read the article and found it interesting."
 — Tempa Tsering, Secretary to the Dalai Lama
- "I think you are on to something... I don't think anyone yet has had at these issues from a neuro-anatomy angle, and you write so that almost anyone can catch the drift."
 — Harvey Cox
- "Congratulations on Neurotheology. It is both thoughtful and clever in style. I enjoy the creative constructions you use at many points and I feel that you will open up a new level of interdisciplinary dialogue and personal understanding."
 — College President, North Carolina
- "In brilliantly, elegantly and persuasively written prose, you offer a synthesis of all religion and for good measure you throw in modern science. What strikes me most is it's disarming honesty and refusal of all pretentiousness."
 — Educator, Boston

"I have had a fairly heavy involvement with death and dying as I have had so many friends and loved ones succumb to AIDS related illness. Your observations and explanations brought much of what I felt into focus in a way that was both comforting and informative. Thank you for sharing a great work and one that touches people in a fundamentally important way. I have no doubt that I will use it often as a guide, reference, and inspiration."
 — Hospice Volunteer, GA

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SPORTS

Varsity Track Team Holds Off Alumni Challenge, 69-53

By Daniel Wang
SPORTS EDITOR

Last Saturday, past and present members of the track and field program gathered together at Johnson Athletic Center for the meet pitting the current varsity against the alumni. Having a few former national champions, the alumni looked like they could present a challenge. In the end, however, the Engineers prevailed over the "Has-beens," 69-53.

The alumni displayed dominance on the field, with two former national champions combining to win all but one event. Bill Singhose '90 showed what made him a titleholder in the decathlon, as he captured first place in the pole vault, long jump, and triple jump.

In both the pole vault and long jump, Singhose needed only one attempt to secure the win. In the pole vault, he cleared a height of 12 feet, 6 inches with his first try. Although he had cleared greater heights in the past, he elected to stop with his result.

The second place finisher Jason Melvin '97 cleared 11' 0" on his first attempt, but was unsuccessful in three tries with the bar at 12' 0".

In the long jump, Singhose completed a leap of 21' 3/4" on his first attempt in the final round, then passed on his remaining two tries.

The varsity took the next five places, led by Hung Hoang '96 with a 19' 3/4" followed by Jesus Muniz '98 and Andy Ugarov '95, who tied for third with a distance of 19' 5-3/4".

A similar result occurred in the triple jump which followed. In this event, Singhose covered a distance of 43' 8-1/2". Ugarov came the closest, with a distance of 42' 1-1/4".

J.P. Clarke G, who was difficult to match in size, was also difficult to match in the two throwing events. In the 35-pound weight throw, his heaves often caused the weight to bounce past the safety net used to stop it. The Engineers' current top thrower, John Wallberg '96 came the closest to Clarke's 53 foot, 4-1/2 inch effort, with his best hurl traveling 48' 6-3/4".

The rest of the field came closer in the shot put, but in the end, Clarke and Wallberg placed first and second again. Clarke delivered a throw of 45' 4-1/2", while Wallberg threw a distance of 44' 7-1/4". Singhose showed his versatility by placing fourth in this event, with a 41' 11-1/4" effort.

The lone Engineer victory came in the high jump, as Ugarov topped the field after clearing a height of 6' 6". In this event, Tom Washington '92 of the alumni prevented a varsity

sweep of the top places by taking second, with a height of 6' 2". The next best performance came from Daniel Feldkhun '98, who cleared 6' 0" for third place.

Since 1982, the alumni had defeated the varsity in the final team score only three times in this annual event. Early on, the chances of another triumph for the alumni looked good. After three events, the alumni led, 16-11. However, two events later, the varsity claimed the lead, with the score 25-20, and never relinquished it.

The results on the track seemed to make the difference in the meet. The turning point for the Engineers appeared in the mile run, the first scoring running event.

In this race, the Engineers faced a challenge from Mike Piepergerdes '93, a second-place finisher at the 1993 National Collegiate Athletic Association Division III Championships in the 1500-meter run. Josh Feldman '97 responded to the challenge by starting out on a fast pace. Piepergerdes sat back and appeared to wait for Feldman to tire and slow down.

However, Feldman kept the lead and finished strong to win, with a time of 4 minutes, 12.95 seconds. Piepergerdes was not able to close the gap, and even finished behind Richard Rosalez '98 to end up in

third place.

Singhose performs on track

Singhose furthered showed his all-around ability by taking a first in one running event, and finishing second in another. In the 55-meter high hurdles, he gained a fairly easy win, clocking 8.04 seconds to establish a comfortable margin from Colin Page '95, Ernest Bonner '97, and Don Lee '98.

Three events later, Edgar Ngwenya '96 denied Singhose victory in the 800-meter run. Ngwenya started out in the lead and stayed there, gaining a winning time of 2:01.44. Singhose, meanwhile, sat in fourth place before sprinting ahead of Eric Nicholson '98 and Joel Ford '98 to finish second, a little more than one second behind Ngwenya.

The 400-meter and 200-meter races were conducted in heats, as races against the clock. John Kim '98 came out on top of the 400-meter event, with a time of 54.76. In the 200-meter dash, Malik King '95 won a close race, in which 0.12 seconds separated fourth place from his winning time of 24.03.

Matt Sandholm '96 was the victor in the 55-meter dash, edging two alumni runners, Ayisi Makatiani '90 and Jay Chiang '94, in a time of 6.77 seconds.

In the penultimate event, the 5000-meter run, Ethan Crain '95 and Jesse Darley '95 displayed teamwork that translated into astounding success. Throughout most of the race, the duo paced each other, with each one taking turns in the lead.

Two alumni runners, Terry McNatt '87 and Eugene Tung '88 ran close to each other and tried chasing the Crain-Darley pair. However, Crain and Darley proceeded to increase their lead with every lap completed.

Near the end, they had only each other to race against. With about 800 meters left, Crain pulled away and cruised into the finish line with a winning time of 15:01.5. Darley followed with second, coming in with a time of 15:04.95. Together, they lapped all of the other runners, except for McNatt, who covered the distance in 15:22.95.

In the final event, the 4 x 200-meter relay, the lone alumni team held off a challenge from four varsity teams to finish first. However, the Engineers had already clinched the team victory.

The next meet for the Engineers will be the Beaver Relays, also at home, on Saturday, Jan. 14. The meet will serve as a warm-up for the official team competitions that begin the following week.

Squash, Without Van Delden, Suffers 6-3 Defeat to Colby

By Daniel Wang
SPORTS EDITOR

The squash team fell victim to Colby College, 6-3, Thursday night at DuPont.

The result gives the team a current record of 1-4 for the season.

The play commenced with the even-numbered matches (second, fourth, sixth, eighth, and 10th singles), which ended with Colby gaining a 3-1 advantage; the 10th match does not count toward the team score.

The Engineers played the match without regular third singles player Hans Van Delden '95, forcing everyone below him to play at one position higher than usual. For the Engineers, with an inexperienced

team consisting of many members in their first season of varsity competition, this change may have been a factor in the loss.

The point for MIT came from James Habyarimana '98 at sixth singles, who won fairly easily in straight games, 15-9, 15-11, 15-8.

At second singles, Yves Kissenpfennig '95 had trouble with his opponent, who delivered many shots which made the ball die soon after hitting the front wall. After dropping the first two games, 15-10, 17-16, Kissenpfennig battled back to take the third game, 15-10. In the fourth game, he took a 5-0 lead, but then his opponent came back to tie at 5-5. The Colby player went ahead 11-9, then traded

points with Kissenpfennig to finish out the match.

Fourth singles player Andres Villaquiran '97 also struggled in his match. Early on, his adversary used the walls well and produced many unreturnable shots. After hitting many balls which either passed Villaquiran or dropped short near the front wall, the Colby player took the first game, 15-6. Villaquiran then rebounded to take the second game, 15-10.

Any momentum that Villaquiran may have gained from the second game was not enough, as his foe won the last two games, 15-6, 15-12, and the match. In the final game, Villaquiran's opponent won six points in a row to change a 11-8

deficit to a 14-11 lead, allowing him to finish soon afterwards.

At eight singles, Salvador Biguria '97 took a little longer than his teammates to finish, but ended up with a loss in four games, 15-13, 12-15, 15-11, 15-11.

After the second round of matches began, the Engineers captured another point when first singles player Andrew Downer '96 won in straight games, 15-8, 15-9, 15-8.

However, his teammates on the courts adjacent to his did not fare as well. Third singles player Sean Kwok '97 won a hard-fought first game, 15-13, but then his next two games were a disaster, as he lost by scores of 15-5, and 15-1. In the third game, his opponent won 11 points in a row. Kwok recovered in the fourth game, but not enough to force a fifth game, and lost this one, 15-8.

At fifth singles, Asim Khwaja '95 encountered problems with interfering with his opponent's ability to retrieve the ball. In squash, a player who obstructs his

opponents efforts to get the ball, intentionally or not, loses the point. A few incidents caused Khwaja to become upset with himself. He ended up losing in straight games, 15-11, 15-10, 15-13. Both he and Kwok showed frustration as they came off the court after their matches.

With those two wins, Colby had clinched the match. Colby gained an extra point at ninth singles when Dexter Mootoo '95 was ousted, 15-9, 15-10, 15-5.

The Engineers were able to gain some consolation by capturing the final match to finish. Seventh singles player Mukund Venkatesh '95 won his first game easily, by a score of 15-4, but then lost the next game, 15-13. Venkatesh proceeded to win the last two hard-fought games, 15-12, 15-11 to give MIT an additional point.

The Engineers hope for improvement in their next match on Thursday, Jan. 19 at home, against Amherst College.

Foster Earns Second Academic All-America

By Roger Crosley
SPORTS INFORMATION DIRECTOR

Football offensive guard Corey Foster '95 has been named a first team GTE College Sports Information Directors of America (CoSIDA) Academic All-America for the second consecutive year.

MIT football awards were recently named and three players shared Most Valuable Player honors. Offensive guards Corey Foster '95 and Nick Bollweg '95 were offensive co-MVPs. Bollweg was a two time Eastern Collegiate Football Conference first team all-star. Foster was a first team ECFC selection his sophomore season and a second team pick his junior and senior years.

The defensive MVP was line-backer Andy Carnell '95, who led the team in tackles. Rookies of the year were Troy Gayeski '97 on offense and Mike Butville '98 on

defense. Gayeski is a tight end, while Butville plays strong safety.

The most improved player was defensive tackle Brad Gray '98. Named as captains for 1995 were Chris Brown '96, Kevin Ferrigno '96, Jose DeLeon '97, and Chris Yanney '97. Brown and DeLeon are running backs, while Yanney is a defensive tackle, and Ferrigno plays defensive end.

Men's Track and Field

The 1994 men's outdoor track and field team is the only collegiate men's track team in the country to earn the distinction of being named an All-Academic Team. The award is presented by the United States Track Coaches Association. The Engineers earned a cumulative grade point average of 3.37 on an adjusted 4.0 scale.

Women's Sailing

The women's sailing team finished the fall season ranked eighth nationally.

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