

Corporation OKs '95-'96 Tuition Hike 6.5% rise in self-help also approved

By Venkatesh Satish
ASSOCIATE NEWS EDITOR

The Institute has officially raised tuition from \$20,100 to \$21,000 for the 1995-96 academic year. The 4.5 percent increase, which is the lowest in the past 25 years, was announced Friday by President Charles M. Vest following approval Thursday evening by the Executive Committee of the Corporation.

The nominal self-help level, the amount of money MIT expects students to be able to supply for themselves either through loans or term-time work, will rise by \$500 to \$8,150 next year, a 6.5 percent increase from this year.

With an additional 2.9 percent increase in average housing and dining costs, the overall cost of attending MIT will rise to \$27,150, a 4.1 percent increase over this year's figure of \$26,080.

The Executive Committee approved the recommendations made earlier by the Academic Council for the increases in self-help and tuition.

Vest said that lowering the annual tuition increases has been a major goal of MIT. "Keeping our education both excellent and affordable is the primary driving force of the current re-engineering of the Institute."

Increases in tuition and self-help will be kept "as low as we can without sacrificing the quality of education," Vest said. He also emphasized that the Institute will endeavor

to keep financial aid available to students.

He noted that tuition historically covers about half the cost of a student's education, with the remainder met by earnings from the endowment and by unrestricted gifts and grants.

While Vest concedes that MIT tuition costs and self-help levels are greater than those of comparable institutions, he said that the costs incurred in the education of engineering and science majors, the two most popular areas of interest at MIT, are expensive compared with other fields.

Vest said salary levels and the cost of infrastructure, laboratories, and computing facilities contribute to the difference between MIT and other universities in tuition and self-help level. "Frankly, it is amazing that we can keep our tuition at a level comparable to other world-class universities," he said.

Decreases in government funding of student scholarships over the past decade and continued cuts "will produce strong pressures to increase tuition and cover our costs," Vest said.

"Nationally, the continued retreat from providing financial aid is a sad statement of our values," he said. "Failure to invest in our nation's youth and future is a mistake of the first order. ... We should all work to reverse this trend."

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THOMAS R. KARLO—THE TECH

Rep. Barney Frank (D-Mass.) speaks in Twenty Chimneys last Saturday. The event was organized by the Jewish Service Corps. See story, page 8.

Juggling Club Celebrates 20 Years



INDRANATH NEOGY—THE TECH
Jim, one of the jugglers who regularly practice in Lobby 10, juggles four volleyballs.

By Stacey E. Blau
ASSOCIATE NEWS EDITOR

"We're really known to be violent, actually," Jan the Juggler said of herself and the 20 or so jugglers who meet in Lobby 10 every Sunday. For about six hours on Sunday afternoons and evenings, they meet to juggle balls, clubs, ropes, whips, and knives.

The club has been meeting for 20 years, making it the longest continually meeting group of jugglers in the world, said Jim, another Lobby 10 juggler.

"This is the only club in the area," Jim said. People come from Rhode Island and New Hampshire, but most of the people are from Cambridge and Somerville, he said. Only a handful of the jugglers are MIT students. The club started at MIT, but now it is "just an area juggling group that happens to meet at MIT," Jim said.

The Institute "has been very supportive in letting us use its facilities," said another juggler, who prefers to be called the juggler formerly known as Pauline. Some of the jugglers perform in Harvard Square and around Cambridge, she said.

On March 25 and 26, the group will put on a juggling convention in the Johnson Athletic Center. The convention celebrates 20 years of juggling at MIT. "It's like our birthday party," Pauline said.

Jugglers, Page 12

Most Positions Vacant In Upcoming UA Races

By Daniel C. Stevenson
EDITOR IN CHIEF

Only four of the 24 positions in this month's Undergraduate Association elections have candidates following Friday's regular deadline for turning in signature petitions.

Candidates can turn in petitions until March 17, five days before the elections, but must wait three days after they turn in their petitions before beginning to campaign, according to UA Council Floor Leader Russell S. Light '98.

"A lot of it has to do with the fact that we changed the deadlines," said UA President Vijay P. Sankaran '95, referring to the decision last week by the elections commission to accept late petitions.

The lack of candidates is "a natural consequence" of the deadline

extension, Light said. "The way I consider it, last Friday was not a deadline — it was a recommended target date," he said. "It certainly added some confusion to the elections."

Light said he expects most people will "wait until the last minute" to turn in the petitions. Students that do so will only have two days to campaign, and will be at a disadvantage, he said.

Vacancies in class officers

"I'm not overly worried about the number of candidates right now," Sankaran said.

"Most of the vacancies are in the area of class officers," Sankaran said. Two of the class president

Elections, Page 13

Dean Search

The final open forum of the search committee for a new Dean for Undergraduate Education and Student Affairs will be held in the main house lounge of Next House tomorrow at 6:30 p.m. It is the last chance for students to publicly comment, ask questions, and express their concerns to the committee. Current Dean Arthur C. Smith announced last fall that he will step down at the end of this academic year.

INSIDE

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- Joseph J. Snyder, former treasurer, dies at 87. Page 7
- Jewish Service Corps hosts speakers. Page 8

WORLD & NATION

Administration to Push Child-Support Enforcement Idea

THE WASHINGTON POST

WASHINGTON

President Clinton Tuesday will launch a public campaign to make parents who fail to meet their child-support obligations ineligible for driver's licenses, administration officials said.

Nineteen states already use driver's licenses as a tool against so-called deadbeat dads, but the administration's proposal to nationalize that approach as part of welfare reform has so far gotten nowhere in Congress.

Clinton plans to make the case Tuesday morning in a speech to the National Association of Counties. Administration officials said the address, which will deal broadly with the federal government's role in helping people in poverty, will be an effort to put Clinton at the center of the welfare reform debate, which in recent months has been dominated by the more far-reaching rhetoric and proposals of Republicans.

Clinton is set to announce in his speech that Ohio will be the 25th state to receive a waiver from the federal government to experiment with its welfare rules. The announcement is intended to remind people that Clinton has been a supporter of innovation in welfare rules, and not the defender of the status quo that he is often portrayed in opposition rhetoric.

But an administration official said Clinton is determined not to strike a tone too controversial. To the contrary, the official said, his message is that welfare reform should be "rescued from the jaws of politics" and that he is eager to work with Republicans.

Chinese Budget Shows Struggling Central Government

THE WASHINGTON POST

BEIJING

Finance Minister Liu Zhongli unveiled a 1995 budget Monday that shows a central government still struggling to establish its authority to tax the nation's businesses and individuals, while battling to control the free-wheeling spending habits of local and provincial governments.

The problems arise as the government undertakes the massive task of shifting from a centrally planned economy, in which all enterprise revenues and expenditures were part of the government accounts, to a more market-oriented system in which the government must rely on tax payments.

Liu noted that tax receipts fluctuated wildly from place to place; that some localities were in such dire financial straits that they could not meet their normal payrolls; and that state-owned enterprises continue to bleed money and require the infusion of large state subsidies.

The finance minister also lashed out at the "serious extravagance and waste" of state money by local governments that give tax breaks to enterprises, pour money into wasteful construction projects, "indiscriminately" hand out bonuses and subsidies, or engage in the "blind pursuit of high-class goods and extravagant consumption at the public expense."

Such abuses often take place in areas that are trying to lure outside investment or to build prestige projects.

Mexico Formally Asks U.S. To Return Ruiz Massieu

LOS ANGELES TIMES

MEXICO CITY

The Mexican government formally asked the United States on Monday to return Mario Ruiz Massieu, a crusading former deputy prosecutor, to face charges here that he covered up crucial information last year in his investigation of his brother's murder.

That extradition request came as a federal judge in New Jersey ordered Ruiz Massieu, once a Mexican symbol of political reform, held without bail on U.S. charges that he failed to report \$22,000 in cash he was carrying as he attempted to leave Newark International Airport for Spain last week.

Within minutes of Ruiz Massieu's hearing in Newark, where he appeared haggard and in handcuffs, federal prosecutors in Mexico announced that they had issued an arrest warrant for him late Sunday night.

He is accused of hiding the role of Raul Salinas de Gotari, the elder brother of former Mexican President Carlos Salinas de Gortari, in the Sept. 28 slaying of his Francisco Ruiz Massieu.

WEATHER

March Misery

By Chris E. Forest

For today, we have small lows scudding in from the west bringing clouds and chances of rain until tomorrow morning. As a mega-"low"-manic system develops over the Texas/Gulf of Mexico region, the midlevel flow bringing warm temperatures from the south will also advance the low across the Eastern seaboard. We can expect some drizzly conditions ahead of this system and while the models predict the major rain falling to our west, there is a chance of significant precipitation tomorrow afternoon and through the night. Probable clearing and concomitant cooling will follow for Thursday and on into the weekend.

Today: Clouds settling in with chance of drizzle during the afternoon and evening. Winds light from the southeast. High 49°F (9°C).

Tonight: Likely drizzle with heavier rain possible. Low 42°F (4°C).

Wednesday: Cloudy. Showers likely with wind increasing towards evening. High 54°F (12°C). Low 34°F (1°C).

Thursday: Clouds diminishing as winds change to northwesterly. High 45°F (7°C). Low 30°F (-1°C).

U.S. Must Devise Strategy To Keep Pressure on Iraq

By Julia Preston

THE WASHINGTON POST

UNITED NATIONS

Even though the United States appears to have won a majority on the Security Council for keeping the oil embargo on Iraq, it must still devise an effective strategy for keeping pressure on Iraqi President Saddam Hussein to cooperate with the United Nations, diplomats here cautioned Sunday.

Washington's U.N. ambassador, Madeleine K. Albright, said Saturday that a lobbying tour she undertook last week gave the United States 10 votes on the 15-nation Security Council in favor of continuing U.N. economic sanctions, including the ban on petroleum exports by Iraq. France and Russia, which are permanent Security Council members and important allies of the United States, have suggested they might seek a suspension of the oil embargo as early as April.

Diplomats said Sunday that support for the U.S. view from key Security Council countries may be less than what Albright claimed.

The U.S. approach does not fully address one problem: The Security Council resolution governing the oil embargo explicitly states that sanctions should be rolled back when Iraq complies with a U.N. program to dismantle its weapons of mass destruction. Once the chairman of the U.N. special weapons commission, Rolf Ekeus, declares he is satisfied with Iraq's performance, the Security Council is under a legal obligation to follow through in some way with the terms of its resolution.

An even stickier problem stems from the fact that Iraq already has gone further than anyone expected

after the 1991 Persian Gulf War to meet the conditions of the U.N. peace settlement. Ekeus has reported to the Security Council that, under the supervision of his commission, Iraq has effectively eliminated its current capability for chemical and large-missile warfare.

Many governments, including those that support the United States overall, fear that if the United Nations does nothing to acknowledge that cooperation, Saddam will have no incentive to prolong it and could shut down the U.N. program that monitors Iraq's weapons industry.

In several countries Albright visited, the governments were careful to couch in very general terms their assurances of support for the U.S. position that Baghdad has not done enough on a number of fronts to merit sanctions relief.

Italian diplomats referred Sunday to the statement by a spokesman for Prime Minister Lamberto Dini after his meeting with Albright. Italy simply reaffirmed its "former position" that Iraq must comply with all Security Council resolutions and that tough U.N. monitoring must continue. The diplomats said they have received no further instructions from Rome.

By telephone from Bonn, a German Foreign Ministry spokesman said, "We are absolutely of the same opinion as the U.S. government that all relevant U.N. resolutions must be fulfilled before lifting the embargo can be considered. We don't believe these conditions have been met yet." Germany is one of the United States's strong allies on this issue. Yet Bonn's statement was not that different from that of France, which opposes Washington.

"We of course demand, with the rest of the international community, that Iraq obey all its obligations under Security Council resolutions," French Foreign Ministry spokesman Richard Duque said in Paris last week. But he added, "We have also said that if Iraq progresses in responding to those resolutions, we must also take that into account."

It is difficult for countries such as Argentina, Botswana, the Czech Republic, Honduras and Rwanda to say anything but yes when Washington launches a blitz such as Albright's, diplomats said. She carried toughly worded letters from President Clinton in which he argued that Washington's lead role in the gulf war and the preventive military mobilization in the Persian Gulf last November entitled it to a leadership role in deciding when to lift the sanctions.

Albright also displayed photographic and other evidence gathered by U.S. intelligence to show that Iraq is rapidly rebuilding a huge industrial facility near Baghdad that could be used for chemical weapons. U.S. intelligence officials estimated that Iraq could be back to building ballistic missiles within one year and chemical weapons in two if it chooses. The officials also provided evidence that Iraq has spent up to \$2 billion on palaces for government officials at a time when basic supplies are scarce for ordinary Iraqis.

But many council diplomats will continue to look for ways to keep channels open to Baghdad, perhaps by setting a date for suspending the sanctions, or proposing new means for Iraq to sell some petroleum to meet the humanitarian needs of its battered people.

Dollar Skids Lower in World Markets against Yen, Mark

By James Gerstenzang and Jonathan Peterson

LOS ANGELES TIMES

WASHINGTON

Under pressure from the shattered Mexican economy and the deep, chronic trade deficit with Japan, the battered dollar fell to new lows Monday in major currency markets around the world, raising doubts about the course of the U.S. economy.

The weekend break in trading did little to calm the roiled international currency business, as the dollar skidded to its lowest value against the Japanese yen in the post-World War II era. It also slumped against the powerful German mark, the French franc and other currencies.

"This is not a little blip; this is a long-term trend," said Lawrence Chimerine of the Economic Strategy Institute in Washington.

The currency turmoil raises the prospect, however remote, that the Federal Reserve could turn once again to higher interest rates, in order to make the dollar a more profitable haven for foreign investors.

The weaker dollar also would make it more costly for the United States to come to the financial aid of other countries. And it lessens the already limited political appeal of bailing out troubled, emerging economies such as Mexico.

Yet for all the potentially damaging fallout from the current episode, analysts Monday said the economy itself appeared to be in good shape. Dollar speculators

seemed more fretful over developments — such as the Mexican rescue plan and the defeat of the balanced budget amendment — than over the fate of the recovery.

While the beleaguered dollar has not suffered from any single knockout punch, it has been wounded by many cuts in recent days.

The dollar closed in New York Monday at 92.80 yen to the dollar, down from 94.05 Friday. It was valued at 1.4048 German marks, the lowest rate in two years, and 4.9775 French francs. The British pound was quoted at \$1.6335, up from \$1.6295 on Friday.

Economists predicted that the slide would continue, with Chimerine forecasting a fall perhaps below the rate of 90 yen.

But the dollar's decline against more glamorous currencies Monday was balanced by its increasing value against the Mexican peso and the Canadian dollar. Combined, those two currencies account for roughly one-third of U.S. foreign trade, thus limiting the immediate impact the dollar's weakness in Europe and Japan will have on individuals in this country.

At its broadest, the dollar's difficulties "remind us of the interdependence of the United States with other economies," said international economist C. Fred Bergsten, a senior Treasury official during the Carter administration who now directs the Institute for International Economics, a Washington policy research organization.

"The Mexican meltdown is drawing down U.S. financial

reserves, and it threatens to worsen our trade balance," said Robert Hormats, a vice chairman of the Wall Street investment firm of Goldman, Sachs International.

In one irony, U.S. interest rates are having an entirely different impact on currency fluctuations than on securities markets, which have responded positively to the outlook for rates.

Interest rates are expected to stabilize or even drop in the coming months, but that has prompted many currency traders to unload the U.S. dollar. Currency speculators now look to the recovering economy of Germany, where interest rates could go up this year, for a bigger return on their investment than the United States.

Fed Chairman Alan Greenspan reinforced the fears of currency traders, even as he pleased other investors, when he hinted in recent congressional testimony that interest rate policy was on hold for the immediate future.

Given that the outlook for the national economy is sanguine, analysts cited other reasons for the dollar's stormy times, including U.S. foreign policy.

Carol A. Stone, a senior economist at Nomura Securities International in New York, pointed to anxieties about Mexico and the defeat of the balanced budget amendment in Congress, as likely triggers for the dollar's woes.

"It's somewhat dismaying that these other issues are negating the advantages of the attractive domestic economy," she said.

Israel Steps Up Syrian Pressure In Advance of Christopher Visit

By Michael Parks
LOS ANGELES TIMES

JERUSALEM

A senior Israeli official warned on Monday that time is fast running out to conclude a peace treaty with Syria — and with it will go the possibility of a comprehensive settlement of the Middle East conflict.

Increasing Israeli pressure on Syria before U.S. Secretary of State Warren Christopher arrives in the region Wednesday, Yossi Beilin, Israel's deputy foreign minister, said this summer would be the effective deadline in negotiations with Syria because Israel's elections next year "will make bold decisions very difficult."

In acknowledging that Israel's withdrawal from most, if not all, of the Golan Heights would be highly unpopular, Beilin suggested that Prime Minister Yitzhak Rabin would be unable to make concessions necessary for a treaty for fear of losing parliamentary elections, due in November 1996.

Recent opinion polls show Rabin facing a tough personal challenge from Benjamin Netanyahu, chairman of the rightist Likud Party. Netanyahu opposes the return to Syria of the Golan Heights, which

Israel occupied in 1967 and annexed in 1981.

"We are approaching the moment of truth with Syria," Beilin said. "For more than two years, it was possible to say we had enough time for the issues on the agenda. The approaching election year, both in the United States and in Israel, will make it very difficult to make bold decisions."

A leading dove within Rabin's coalition government, Beilin said that, because of the long stalemate in the talks, he had begun to doubt what Israeli analysts have believed was Syrian President Hafez Assad's "strategic decision" to make peace with the Jewish state.

Not only had Israel offered a number of concessions, he said, but President Clinton and Egyptian President Hosni Mubarak had both tried to mediate — all without even the resumption of formal negotiations, which Syria broke off a year ago.

Beilin challenged Assad to prove his sincerity by telling Christopher that he was ready to open "high-level negotiations" on the substance of the peace treaty. "If the American leadership is able to open this channel at a high level, we won't need more than a few months to cut a

deal," Beilin said, terming the Christopher visit "very, very important" in this respect.

Beilin acknowledged that Israel and Syria made progress in discussing security arrangements that would follow Israel's withdrawal from the Golan Heights; this occurred in discussions between the two countries' ambassadors in Washington with military chiefs of staff even taking part in one session.

When the formal talks in Washington broke off a year ago, Israel and Syria were still discussing the preamble to a negotiating agenda. Syria has demanded that Israel pledge a full withdrawal from the Golan Heights; Israel wants Syria to agree to normal relations before discussing a phased and partial withdrawal.

"Without peace with Syria, there is no comprehensive peace in the Middle East, and comprehensive peace is very important to stabilize other peace agreements," Beilin said. "If negotiations with the Syrians collapse, it doesn't mean we won't proceed with the Palestinians and Jordan. But only when we have peace with Syria will we have a comprehensive peace, one that ends the Arab-Israeli conflict."

O.J. Jury Returns to Hear Of Persistent Barking

LOS ANGELES TIMES

LOS ANGELES

After an 11-day hiatus, the jury in the trial of O.J. Simpson returned Monday to the courtroom to hear another witness testify about a dog barking persistently and alarmingly about 10:20 p.m. on the night of the murders, roughly the time that prosecutors believe the crimes were committed.

"It was very persistent," Mark Storfer, a neighbor of Nicole Brown Simpson, said of the barking.

"Had you ever heard barking like that coming from that area?" Deputy District Attorney Marcia Clark asked.

"No," Storfer responded. "I had not."

Storfer, who took the stand out of order because he no longer lives in California and prosecutors wanted to call him while he was in town, became the seventh prosecution witness to testify about seeing or hearing a barking dog on the evening of June 12, the night Nicole Simpson and Ronald Lyle Goldman were killed. All of those witnesses have, with varying degrees of certainty, essentially corroborated one another.

None of them, however, saw the murders committed or heard the sounds of a struggle, which defense attorneys have seized upon to suggest that a single assailant could not have committed the crimes.

Simpson attorney Johnnie L. Cochran Jr. subtly raised that notion again Monday and floated a number of other theories that the defense has pressed since before opening statements — suggesting, for instance, that drugs could have formed a motive for the killings or that Goldman, not Nicole Simpson, could have been the intended target.

PART-TIME STUDENT TELEPHONE FUNDRAISERS NEEDED \$8.00/hour

Monday-Thursday 6:00-10:00pm and Sunday 3:00-9:00pm. Students will be required to select a minimum of 8 calling hours each week.

EMPLOYMENT TERM: End of March-Early May

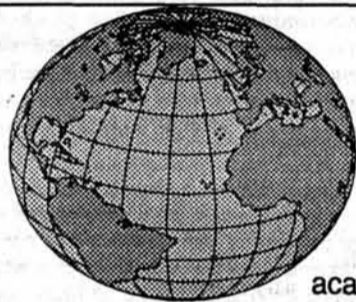
The Student Telephone Fundraiser will be responsible for contacting MIT constituents by telephone for the purposes of soliciting support/gifts for MIT's Annual Fund. Students will be contacting both graduate and undergraduate alumni throughout the country by telephone and generating interest in supporting MIT's Annual Fund. Student Callers will be required to schedule and work a minimum of 8 hours each week. Callers will be expected to meet both quality and quantity calling standards of the program. Student callers will participate in an initial training program which will include information about the MIT Annual Fund and how to execute effective telephone fundraising calls. Calling shifts will be held at Building 10-110.

Minimum Requirements

Current MIT students. Articulate; excellent telephone communication skills; performance and goal oriented.

Qualified Candidates:

Leave message for Marilyn Silverstein at 252-1608



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GSC MEETINGS

Upcoming Meetings:

- Formal Planning - March 13
- Activites Committee - March 14
- General Meeting - March 15
- HCA Committee - March 21
- APPC Committee - March 22

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APRIL XXVIII, MCMXCV

Graduate Student Council

Medieval Manor!

Thursday, March 9

All knights and fair maidens are invited for an evening of revelry and fun.

\$20, sign up at the GSC office
vegetarian option available

GSC Elections Approaching!

Nominations Open March 15 - April 5
ALL Graduate Students are welcome to apply for President, Vice President, Secretary, and Treasurer Elections on April 12 by GSC representatives

Nominations made verbally at the general meeting or in writing. Written nominations should include statement of intent and signature of a fellow grad student seconding your nomination. Nominations can be turned into the graduate student council office any time during the nomination period.

All candidates will be contacted for further statements. A coffee hour on April 5 will be held for all grad students to meet the candidates. Elections are held at the GSC general meeting on April 12. Only GSC representatives can vote, so if you are interested contact gsc-secretary@mit for information about becoming a representative.

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! Check out our web page <http://www.mit.edu:8001/activities/gsc/gsc.html>
Add yourself to our mailing list by typing blanche gsc-students -a username , or send email to gsc-request@mit .
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OPINION



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Institutional Wisdom Watch

by *The Tech* editorial board



Voodoo: Phos is a copycat! "Nipple Woman" big loser with campus humor crowd.



Physical Plant: Crack commando squad chugs down coffee to run to chopper crash site.



Sloan Master's: Baits bevy of newcomers. If these guys are paying, let's triple the enrollment!



Ashdown: Residents produce harsh list of "non-negotiables." With all the excitement, why was Dean Smith doodling?



EC Fire: If only you could prevent idiots from throwing lit cigs down the chutes. Call in Smokey Bear.



Albert Hsu: Puppet of former UA Judboard members. Wanted: Secretary.



Jason Solinsky: Flame on, Grizzly Adams. If you aren't graduating, why not run for UAP?



John Hollywood: Desperate UAVP search ends at last. Can they catch front-runners Muh and Balsley?



Sheldon Myrie: Outsider's UAP candidacy recalls Admiral Stockdale: "Who am I and what am I doing here?"



Tuition: This is the direction it should be going.

Affirmative Action Remains Imperative

By Daniel C. Stevenson
EDITOR IN CHIEF

It has been almost three decades since President Lyndon B. Johnson created the institution of affirmative action, and as the 1996 Presidential campaign gets underway, Republican politicians are charging that the program is overdue for termination.

Affirmative action began in 1965 when President Johnson issued an Executive Order requiring companies that worked with the government to commit to conscious and deliberate efforts to bring qualified people of color into jobs and educational institutions from which they had been historically excluded. Over the years, affirmative action programs have expanded, and rightfully so, to include women and other traditionally excluded groups.

"After 30 years, it is obvious that this social experiment called affirmative action has outlived its usefulness," Senator Jesse Helms (R-North Carolina) said last week as he introduced a bill to end all such programs. Sens. Bob Dole (R-Kansas) and Phil Gramm (R-Texas), both leading presidential contenders, have pledged to end affirmative action if elected president.

Contrary to what Helms and other GOP lawmakers charge, however, affirmative action has not outlived its usefulness. We are beginning to see some of the positive effects from affirmative action initiatives, but we are a long way from attaining the goal of ending workplace and education imbalances. Like all programs, affirmative action must change over time; it has grown to help many different groups of people, and it should continue to evolve to include other groups, such as the poor.

The Republicans charge that affirmative action has done more than enough and is no longer necessary. Helms, Dole and Gramm would do well to examine some statistics on "equal opportunity." For example, women still earn disproportionately lower salaries than men (typically 55 to 75 percent of the average male salary). While only one-tenth of white families live in poverty, one-third of African American and one-fourth of Latino families do. Native Americans are still the most impoverished minority in North America. Today's poor people are poorer than they

were 20 years ago, and have an even less chance of digging themselves out of poverty, according to a report from the federal Commission on the Cities.

One can see that affirmative action is still needed to bring more minorities into higher education and the workplace. These statistics also highlight the need for affirmative action for poor people, a need President Clinton recognized when he spoke last week about his review of affirmative action programs. Clinton said he wanted to "emphasize need-based programs where we can because they work better and have a bigger impact and generate broader support." However, he must be careful not to replace necessary race- and gender-based programs with need-based programs more acceptable to the Republicans; rather, the separate areas should complement each other.

Introducing his bill to end affirmative action, Helms said "It is about fairness. It is about putting an end to reverse discrimination at the hands of ruthless bureaucrats." He is confused in his accusations. Affirmative action itself is about fairness. It is about ending discrimination in the workplace, in education, and in housing, at the hands of prejudiced — and sometimes ruthless — bureaucrats. Affirmative action works to remedy discrimination, not instill it. It seeks to eliminate the historical and unearned privileges of traditional majority groups.

Another popular misconception about affirmative action is it encourages the hiring of people based solely on their race or gender. It does not — it is about recruiting and hiring qualified people of all backgrounds. As an example, MIT has made a concerted effort over the last few years to recruit more women applicants, and hence more women students. This is not a quota system or reverse discrimination, but an active policy to open up opportunities for members of groups that have historically been excluded, either by misguided legislation or societal pressure.

In attacking affirmative action, Dole and Gramm both called for an end to "quota systems." Yet another misconception: affirmative action is not a quota system. Legally imposed hiring regulations have been instituted only when discrimination was found to be persistent and near-total, and after voluntary measures failed. Extreme discrimination

can only be repaired by remedial goals, designed to reproduce the circumstances that would most likely occur provided there was no discrimination in the first place. These goals are not quotas; they are inclusionary rather than exclusionary, and are flexible and temporary.

Has affirmative action worked over the last 30 years? Yes, in many areas. Members of minority groups who would otherwise not have had a chance to get a good education and enter productive careers have had access to employment, higher education, and housing. Between 1970 and 1980, total black employment increased by 15 percent among public sector employees. Affirmative action guidelines at large private companies have also produced dramatic increases in the number of minority employees and promotions.

American cannot lose with affirmative action. It is indispensable for giving underrepresented groups a temporary leg up, and it encourages the diversity that gives our country the potential to solve its problems. By the turn of the century, more than three-fourths of the job market will be people of color, female, or immigrant. A perpetuation of exclusionary employment and education practices would leave this talent pool untapped.

Helms said that the government should end the programs and "restore the principles upon which our country was built: personal responsibility, self-reliance, and hard work." In a utopian society, with no history of prejudice and discrimination, he would be correct. However, modern America must deal with the consequences of centuries of institutionalized oppression of minorities, and many more years of segregation and discrimination. As President Johnson said in a speech at Howard University in the 1960s, "Freedom is not enough. You do not wipe away the scars of centuries by saying: Now, you are free to go where you want, do as you desire, and choose the leaders you please. You do not take a man who for years has been hobbled by chains, liberate him, bring him to the starting line of a race, saying, 'you are free to compete with all the others,' and still justly believe you have been completely fair. Thus it is not enough to open the gates of opportunity."

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Intermediate Grades Would Only Cover Up MIT's Failure

Guest Column by Albert L. Hsu

Let me get this straight: because some 14.5 percent of undergraduates indicate lukewarm support for the current grading system, people would like to introduce more division between letter grades at MIT?

It's because the average MIT student simply doesn't spend enough time on classes, not to mention the fact that students are apparently failing to achieve the level of stress that we're looking for.

Allegedly, it's a constant problem that so many students are on the borderline between two letter grades. The obvious solution: "Let's have more grades!" With more borderlines, there will be less people on each borderline. How fabulous. Good grief.

When I came to MIT as a freshman, I was greatly encouraged by the fact that MIT had no "Dean's List," no class rank, and no honorary degrees (cum laude, summa cum laude, magna cum laude, for those who thought Latin was a dead language). The Institute even had a groovy "pass/fail" freshman year. In my high school, many of my classmates had a somewhat unhealthy obsession with grades; some students even boasted that they would take certain classes, not because of any inherent interest, but merely to acquire more "quality points" and get a better class rank. I was quite excited that MIT might differ from high school in that respect. During Rush, upper-classmen said to us, "Hey, you got into MIT; you don't need to get straight A's here." The Institute corroborated this: You couldn't get any A's as a freshman.

The proposed changes in grading would

make grades seem more important at MIT, and that's not what we need. Of course, there's a benign motivation behind all of this: The Committee on Academic Performance wants to help students who feel slighted when they are on the borderline between two letter grades — and get the lower grade. But if a student gets a high B in one class, and a low B in another class, does this not even out? What is solved by having this student get a B+ in one class and a B- in another as opposed to simple B's in both classes? If another student is consistently on grade borderlines, should that student not fall about equally on both sides of that borderline?

Meanwhile there are two very clear arguments against further differentiation of letter grades. First, such a policy would foster an extremely unhealthy obsession with grades at MIT. Will students be in class to actually learn something, or just to get a good grade? In universities which have adopted AB, BC and +/- grading systems, I'm sure that they care more about grades than we do. When the focus of a class is on the material, as in Professor Daniel S. Kemp's Organic Chemistry I (5.12), students thrive and learn. When the focus is on grades, students resort to backstabbing, brown-nosing, and experiment sabotage — not very useful skills in the outside world. At an institution such as MIT, where all of the students are of very high caliber, too great a focus on grades depresses us.

Second, this amended grading policy would only add to the stress imposed by the Institute on its students. While not all MIT students are completely stressed-out (after all, add date is still a week away), I would be

hard-pressed to find anyone who could honestly say that students don't spend enough time on their coursework. Are the benefits of further differentiating letter grades really worth it?

If the Committee on Academic Performance truly wishes to affect some real improvements at MIT, I have two suggestions. First, consider bringing public speaking into the Department of Humanities Arts and Social Sciences — perhaps as part of the writing or music and theater arts sections. The classes are already there, in the Sloan School of Management curriculum, in the theater arts section, and in negotiations classes.

Second, if something must be done with grades, consider phasing in pass/fail grades for all years, starting with this year's freshmen. In Zen and the Art of Motorcycle Maintenance, Robert Persig asserts that "grades really cover up failure to teach... a bad instructor can get through an entire quarter leaving absolutely nothing memorable in the minds of his class, curve out the scores on an irrelevant test, and leave the impression that some have learned and some have not. But if the grades are removed, the class is forced to wonder each day what it's really learning." We're at MIT, let's try an experiment: replace the grades with pass/fail and see what students are really getting for their tuition.

Grades are not necessary for MIT students to put effort towards learning their course material; does anyone remember freshman year? Some would argue that students really won't work if they aren't getting graded: "If you don't push me, I won't go." If you stop pushing them (by phasing out letter grades),

they stop going anywhere, so the argument goes. Well, fine. If they can't go anywhere on their own power, we need not waste energy in pushing them. Leaders in the real world don't get "pushed" on a daily basis; is MIT trying to turn out leaders or high-status drones? Besides, most medical schools in America grade all of their classes on a pass/fail basis, and their students learn an awful lot.

In the November/December issue of the Faculty Newsletter, the results of the senior survey were published, and the results are indisputable. Graduates do not feel that they had learned enough "life skills" at this institution. Creativity, leadership, and communication skills (that's writing and public speaking) are not the traits that leap to mind when someone refers to MIT students. Someone once used a great analogy to mules: We're great when we're given questions to answer or a job to do; we're not nearly as good at asking the questions in the first place. In order to help change this situation, we should bring public speaking into the humanities curriculum and phase-in pass/fail for all years.

It is tempting for any group to want to do something in order to make it look like it's alive and kicking and trying to make improvements. Many doctors suffer from this problem: Dispensing drugs, scanning and testing patients, and performing operations when these measures are not necessary. The CAP should make sure that they have real objectives in mind when they propose changes to the grading system. Especially if we wish to look long-term, there is more value in replacing the grading system with pass/fail rather than further differentiating letter grades.

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*Get more info., an application, and sign up for an interview at the UA office (W20-401).

NAE Honors Eleven Faculty And Alumni with Membership

By Ramy A. Arnaout
EXECUTIVE EDITOR

The National Academy of Engineering last month announced the election of 77 new members, 11 of whom are Institute faculty or alumni.

The appointments honor outstanding engineers for important or pioneering work in the theory or practice of engineering.

The new members were pleased with their election. "I was surprised and behumbled ... it's an honor," said Professor of Engineering Arthur B. Baggeroer '68. Baggeroer's work has involved the

application of signal processing to ocean acoustics.

Those sentiments were echoed by Professor of Mechanical Engineering Richard H. Lyon, another new member.

"I'm extremely pleased," he said.

However, "any time you get that honor it makes you feel how many of your colleagues are just as good," but don't get elected, so that pleasure is tempered a bit, he said.

Appointment to an organization like NAE "helps the profession and gives a student a reason to become

an engineer," said Lyon, whose work has also dealt with acoustics.

"I'm pleased," said another new member Professor of Engineering Thomas B. Sheridan '59. "You can't really expect" to receive the honor, he said.

Most of the faculty chosen have served on federal advisory committees before, and expect to continue an advisory role in various capacities as members of the NAE.

Also elected from the faculty were Professor of Aeronautics and Astronautics Edward M. Greitzer, Professor of Ocean Engineering Jerome H. Milgram PhD '61, and Professor Emeritus of Electrical Engineering and Computer Science William F. Schreiber.

NAE, Page 10

Joseph J. Snyder

Joseph J. Snyder, a former treasurer of MIT and a life member of the Corporation, died last Tuesday at the age of 87. Snyder is credited with having made investments during the 1950s that have helped MIT deal with post-Cold War cuts in government-funded research.

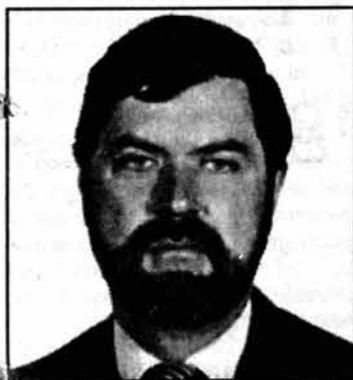
Snyder was treasurer of MIT for 25 years, from 1950 to 1975. He came to MIT as an administrator at the Radiation Laboratory at the beginning of World War II. Then-Treasurer Horace S. Ford Jr. '31 noticed Snyder's potential, and upon his retirement, Ford recommended Snyder to replace him, according to an article in *The Boston Globe*.

As treasurer, Snyder sought to protect MIT against a possible future downturn in government sponsorship of scientific research, said current Treasurer Glenn P. Strehle '58. He started a major accumulation of reserve funds and made investments in blue chip firms of the time — including IBM, Eastman Kodak Co., and Merck and Co. — in order to deal with potential future fluctuations in government funding, Strehle said.

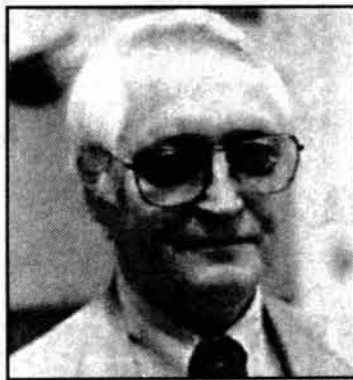
"That was a period in the 1950s when MIT was growing very rapidly," Strehle said. Among other developments, the decade saw the opening of Lincoln Laboratory.

Snyder thought that "MIT needed to have growth in its assets" in case government money should "slow up for any reason," Strehle said. Snyder's pattern of investment "looked like a good idea then,

Snyder, Page 11



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Arthur B. Baggeroer '68



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Richard H. Lyon

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Jewish Service Corps Sponsors Forum with Rep. Frank, Wolfe

By Shang-Lin Chuang
ASSOCIATE NEWS EDITOR

The importance of community service as a continuing responsibility in today's society and its vital

importance in Jewish life were the topics of a discussion Sunday sponsored by the newly formed Jewish Service Corps.

Rep. Barney Frank (D-Mass.)

and Visiting Associate Professor of the Department of Brain and Cognitive Sciences Jeremy M. Wolfe were the featured speakers at the talk, which was held in Twenty Chimneys.

"We are living a privileged life and we should be continuously alert to know why we are so lucky. We need to listen and ask what we are here for," Wolfe said in his introductory speech. We are here to help the less fortunate, he said.

Frank addressed the issue of community service in a political context. The result of the free market system is not always fair, he said. The penalty for those who simply can't make it in this system should not be starvation, especially for children, he said.

Although volunteer work is very valuable, it is only supplemental to, and should not be a substitute for, government support of the underprivileged, Frank said. The magnitude of the problem would only increase if the government did not help, he said.

Talk introduces JSC to MIT

The main purpose of the one-and-a-half-hour event was both to increase awareness of the JSC in the MIT community and to give interested students the chance to sign up for community service projects, said JSC co-chair Zemer Gitai '96.

"The JSC is an organization that was created to have MIT students be active and get involved to help those less fortunate in the community of the greater Boston area, and to serve as an unifying force for all the Jewish people regardless of their different degrees of religious observance," Gitai said.

JSC is a new service organization that is different from existing groups in that it actively tries to match up interested people and projects, said co-chair Joshua D. Milner '95. Its objective is to give people the opportunity to serve the Jewish community, he said.

"Community service in college is something that can be just as much a part of your Jewish identity as eating matzah on Passover, but has to date been far less obvious," Milner said. "It allows people to do a tremendous amount of good, both for themselves and for the community which surrounds them," he said.

If people want to volunteer, nothing should stand in their way, Gitai said. JSC is a clearinghouse that will make the contact, arrange details, take care of everything, and make it as easy as possible for students to get out there and help, he said.

The JSC is sponsored by MIT Hillel and made possible through funds from the Irving and Sarah Pitt Campus Creativity Grants, a national program that supports student-initiated projects, Milner said.

"I am very excited and pleased to see the results of the event," Gitai said. "More than 50 people signed up for projects. The speakers spoke wonderfully and it was a real honor to hear them."

JSC is currently working with the Jewish Community Volunteer Program to help match up its members with interesting projects. Projects planned include working with the elderly, food distribution, and working with special needs teenagers, according to Sandie Bernstein, director of the JCVP.

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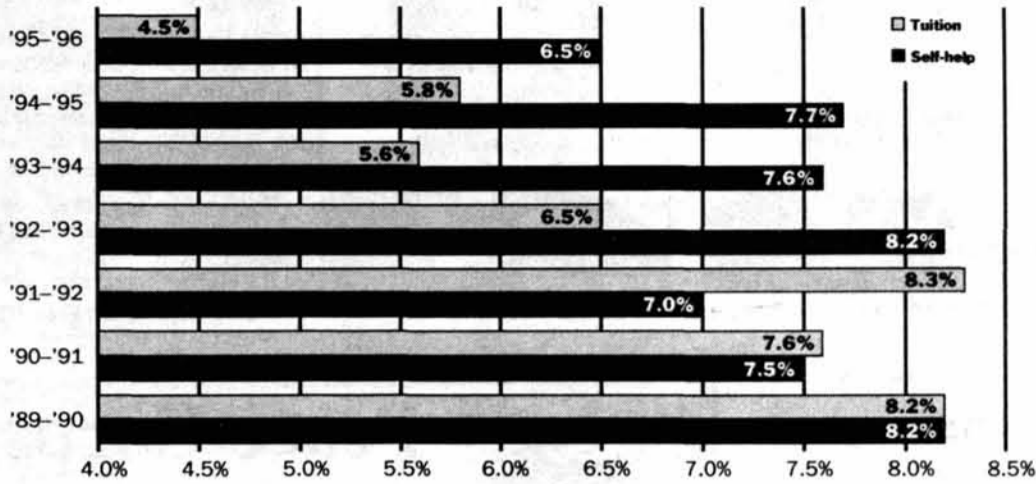
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Percentage Change in Tuition and Self-Help



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GARLEN C. LEUNG—THE TECH

tion, from Page 1

"I think that the \$900 increase is pretty reasonable, especially when you look at past years," said Undergraduate Association President Vijay P. Sankaran '95.

However, Sankaran expressed concern about the increase in the self-help level because of the decrease in funding for paid Undergraduate Research Opportunity Program projects, an important source of money for the self-help that students must meet.

Sankaran, who voiced his concerns at an Academic Council meeting last Thursday, was told by the council that there are a sufficient number of jobs available on campus to meet the needs of students, he said.

"I hope that all colleges and universities realize that [increases in tuition are] becoming increasingly burdensome to both parents and students," Sankaran said.

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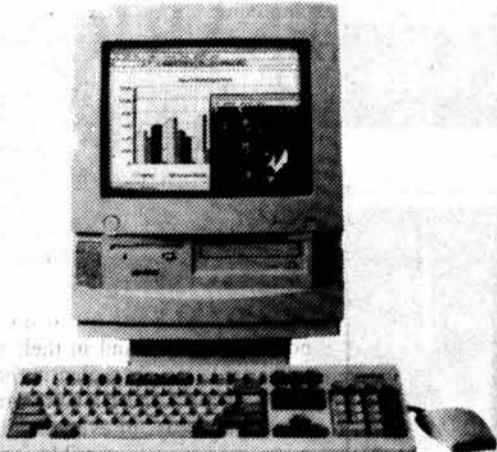
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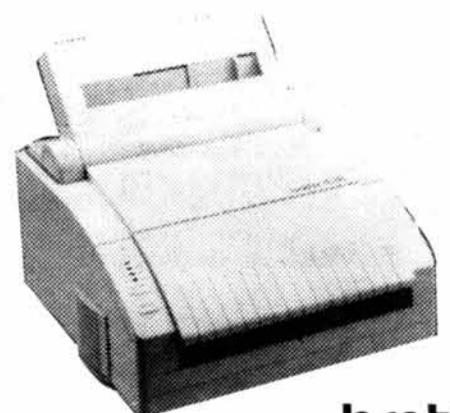
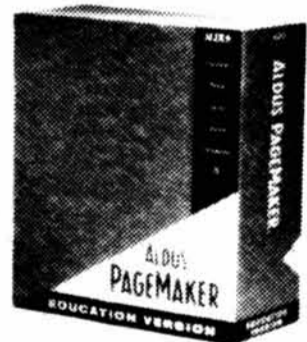
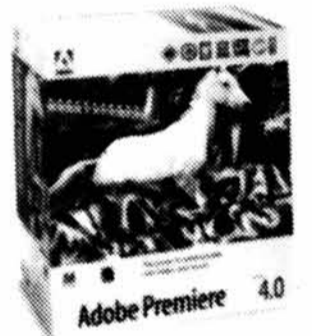
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Eleven Faculty, Alumni Elected into National Academy

NAE, from Page 7

Established in 1964 under the charter of the National Academy of Sciences, the NAE's principal role is to advise the federal government on questions of science and technology.

The NAE also recognizes distinguished engineers and encourages education and research.

Five other alumni elected

"MIT is a special place for things like" the NAE, said Ralph L. Keeney '69, a professor of systems

management at the University of Southern California who was one of eight alumni to be elected to the Academy this year.

New member Robert W. Deutsch '48, president of the Maryland RWD Technologies Inc., agreed.

"MIT helped me quite a bit" careerwise, he said. "I felt very good about" receiving the honor, he added.

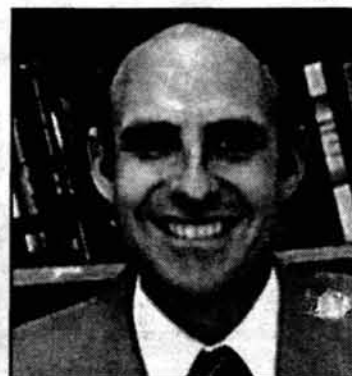
Other alumni elected are Wilbur L. Pritchard '52, Bernard Widrow '51, and Kianiantha M. Chandy '69.



COMMUNICATIONS OFFICE
Thomas B. Sheridan '59



COMMUNICATIONS OFFICE
Edward M. Greitzer



COMMUNICATIONS OFFICE
Jerome H. Milgram PhD '61

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10:00 am - 4:00 pm
Stratton Center Lobby

INFO MEETINGS: March 15th
5:00 pm
Building 4, Room 149

INTERVIEWS: March 16th
9:00 - 4:00
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HELEN LIN—THE TECH

Tim Beaver could be seen Monday afternoon inviting seniors to the announcement of the Class of 1995 senior gift, a UROP scholarship.

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Friday, March 17th

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Snyder Had Stabilizing, Conservative Influence

Snyder, from Page <None>

and it still looks like a good idea today," he said.

Chairman of the Corporation Paul E. Gray '54 praised Snyder for his "stabilizing and conservative" influence on MIT during the Institute's "great transformation" from a science and engineering university in the 1940s to a science-based research university in the 1960s.

Snyder "deserves a lot of credit," Gray said. "He saw the entire buildup of government support. He worried a lot about when growth [might] decline" and tried to protect MIT against research cuts through prudent management and investments of Institute funds, he said.

Snyder was born in Finlay, Ohio. He attended the Carnegie Institute of Technology and later received a master of business administration degree from Harvard University.

He attended MIT in the Department of Chemical Engineering in the early 1940s, according to the Alumni/ae Register.

Snyder was a director of Liberty Mutual Insurance Co. and a trustee of the Boston Five Cent Savings Bank. From 1945 to 1974 he also served as a director for the investment consultant firm Colonial Management Associates, Inc., according to the Globe article.

A memorial service will be held at MIT before Commencement.



TECH FILE PHOTO

Joseph J. Snyder

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Pauline, on the left, takes the moving clubs from Jan, keeping the clubs up in the air.

Jugglers Plan Convention to Mark Twentieth Anniversary of MIT Club

Jugglers, from Page 1

Admission to the convention is free, and events will include a give-

away of juggling props with a raffle or as prizes in juggling contests. There may also be juggling shows performed, according to a flier

announcing the event. No fire torches, however, are permitted in the athletic center.

The MIT group is an affiliate of the International Juggling Organization, Jim said.

Learn to juggle in 5 minutes

Most of the jugglers prefer to go by some version of their first name. "I think most jugglers just want to be known as jugglers," Jim said. "My name is Jim, so call me Jim," he said. "It's been going on so long, it's completely informal."

"We do perform a service," Pauline said. "We encourage people to come and learn. We can teach anyone to juggle in five minutes."

It's true. In just about five minutes, the Amazing Philburt taught me how to juggle. I started off with one beanbag ball, and worked my way up to three. I can now sort-of continuously juggle three balls for about six seconds. The photographer with me learned from Pauline with similar ease.

Beginners start out with beanbag balls rather than bouncy ones because beanbag balls do not roll, Pauline said. The best way to make them is to take tennis balls, slice them open part way, put sand in them, and seal them back up, she said.

Twenty years, nothing broken

The group claims that they have broken nothing in Lobby 10 in the past 20 years. Sometimes, however, the clubs, not pins, as they are often mistakenly called, are caught in the chandeliers in Lobby 10, the Amazing Philburt said. "Somehow we always manage to get them down," he said, usually by climbing on top of stacked tables from the lobby. "That's a trade secret," he added.

Perhaps surprisingly, "there seems to be a correlation between mathematical ability and juggling," Pauline said. A method called "siteswap" is a way to mathematically describe patterns of juggling. Each throw is given a number based on the height of the throw, so one can describe patterns mathematically, she said.

People have written computer programs describing the patterns, and there is a juggling news group on the Internet where people exchange information and help one another with patterns. "It's good to be able to have a notation," Pauline said.

"You don't have to have the equipment to come juggle," she said. The group said that they encourage any interested people to come to Lobby 10 and learn or to visit the convention at the end of the month.

"We especially encourage women," Pauline said. She and Jan agree that there are substantially fewer women jugglers than men.

But there is one stipulation: "If you laugh, you get kicked out," Pauline said.

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Many UA Positions Remain Vacant

Elections, from Page 1

Elections are not contested, and no candidates have submitted petitions for vice president, secretary, treasurer, social chair, or publicity chair for any of the three continuing classes.

"I think it might partly have to do with people's enthusiasm with the class council" which goes in cycles, Sankaran said. Additionally, "publicity hasn't been as good as it could be," he said. "That definitely has had some effect on the candidates who actually know that there is going to be an election coming up soon."

As of last night, 13 candidates or candidate pairs had submitted petitions and declared their candidacy for offices, according to UA Council Floor Leader Russell S. Light '98. Carrie R. Muh '95 and Eric S. Balsley '95 are running for UA president and vice president, respectively, along with the team of Sheldon W. Myrie '95 and Jennifer K. Johnson '98, Light said.

Students running for president of their class are Matthew J. Turner '96, Surekha Vajjhala '96, Pardis C. Sabeti '97, and Jane Ginsburg '98.

Four positions on the UA Finance Board are open, with seven candidates running. The candidates are: Andrew K. Boral '98, Miriam A. Ferrell '95, Heramb R. Hajarnavis '95, David C. Helmuth '98, Matilde N. Kamiya '97, Donald E. Levey '98, and Ashwin Viswanathan '98.

UA leadership resists change

So far, the UA leadership has resisted calls to lower the signature requirements to get on the ballot. However, if a significant number of positions still do not have candidates by the middle to end of next week, Light said he would recommend to the election commission that the requirement be reduced.

"Traditionally, not all of the positions are filled," Light said, especially class publicity and social chairs.

The lack of candidates is "enormously frustrating" said UAC representative Jason W. Solinsky '95, who sponsored a council motion to reduce the number of signatures. The motion, which passed council last month, was ruled unconstitutional by UA Judicial Board Chair Albert L. Hsu '96 and vetoed by Sankaran.

"I'm hopeful that when people see that nobody is running a lot more people will throw their hats into the ring," he said. However, if that is not the case, Solinsky said he hopes the elections commission will lower the signature requirement.

POLICE LOG

The following incidents were reported to the MIT Campus Police between Feb. 23 and March 1:

Feb. 23: Rear of Bldg. 42, attempt to break in to a trailer; Bldg. E18, construction equipment stolen, \$3,000; Alumni Pool, locker broken into and credit cards stolen; Bldg. 68, tape player stolen \$75; Bexley, harassing phone call; intoxicated homeless person found lying on railroad tracks, Campus Police officers observed a train approaching, an officer attempted to signal the train to stop while another officer pulled the person to safety within moments of the train's arrival.

Feb. 24: Bldg. 64 courtyard, malicious damage to a dogwood tree; Bldg. 12, ski parka stolen, \$300; Bldg. E40, computer monitor stolen, \$500; Bexley, harassing phone call; Bldg. 18, sports bag stolen, \$20.

Feb. 25: Du Pont men's locker-room, locker broken into, wallet stolen, \$150.

Feb. 27: Bldg. 36, male arrested for trespassing; Bldg. 34, malicious damage to a telephone; Bldg. 14E, signs stolen; Bldg. E53, unauthorized use of a computer; Killian Court, accidental damage to bicycles; Bldg. 3, vandalism to bulletin boards; Bldg. 66, computer mouse stolen, \$70; East garage, 1992 GMC pickup truck stolen.

Feb. 28: Bldg. 10, check stolen, \$52; 77 Massachusetts Ave. car vs. bicyclist accident.

March 1: Bldg. 11, indecent exposure; Bldgs. 4 and N52, suspicious activity; Bldg. 10, clothing stolen, \$75; Du Pont gym, attempted larceny of a coat.

SPRINGBREAK



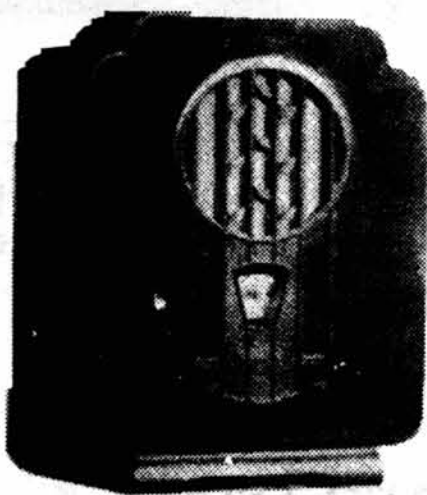
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Thursday, March 9†

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Friday, March 10*

11:00 a.m. - 4:00 p.m.

* Student Center, 3rd Flr

† LaSala, 2nd Flr

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Jim's Journal

By Jim



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ACROSS

- 1 Fastened together
- 8 Periods of luck
- 15 End of saying
- 16 Snood (2 wds.)
- 17 "___ a Clown"
- 18 Mop
- 19 Judge
- 20 Suffix for baby or child
- 22 Stringent
- 24 ___ palm
- 25 Type of year
- 27 Pillages
- 28 Victory
- 29 New York island
- 31 French condiment
- 32 Metallic sound
- 34 Outcome
- 36 Replenish a battery
- 38 Jungle noise
- 40 Litigation
- 41 Careful
- 45 West Point freshmen
- 49 Foreigner
- 50 Extinct bird
- 52 Foolish
- 53 Ailing

- 54 Slays
- 56 Pinball term
- 57 Shoal
- 59 Make beloved
- 61 Illuminated
- 62 Paid no attention to
- 64 Scottish kiss
- 66 Roman six
- 67 Every (2 wds.)
- 68 Perform a surfing feat (2 wds.)
- 70 Thin
- 71 Driving away

DOWN

- 1 Celebration
- 2 By ___ (alone)
- 3 Measure of intelligence
- 4 Greek letters
- 5 Pulls
- 6 French states
- 7 Actress Paget, et al.
- 8 Metal restrainers
- 9 Small pies
- 10 Tease
- 11 "___ go brag"
- 12 Dovish
- 13 Retaining
- 14 Peculiar
- 21 ___ Nelson
- 23 Cold drink
- 26 14th president
- 30 Hold in contempt
- 32 Mexican food
- 33 Hidden
- 35 Scottish preposition
- 37 Golf hole
- 39 Aid to recollection
- 41 Creameries
- 42 Unlawful
- 43 Golden quality
- 44 "The Greatest Story Ever ___"
- 46 Kettle handle
- 47 Animate
- 48 Background
- 51 Hebrew letters
- 54 N.H. resort city
- 55 Vaughan or Bernhardt
- 58 Dry wind (var.)
- 60 Gambling resort
- 63 Reel's partner
- 65 ___ trip
- 69 Note of the scale

PUZZLE SOLUTIONS FROM LAST ISSUE

A	P	T	R	A	N	G	S	A	T	R	A	P
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S	N	E	R	D	S	F	O	N	T	N	E	T

**Jim's
Journal
by Jim**

Today I made a peanut butter and jelly sandwich and sat down to eat it.



I put a lot of jelly on it and it started oozing onto the plate.



I turned the sandwich over so the big clumps of jelly would be on top.



But then it started to ooze out the bottom.



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THE THIRTEENTH ROBERT BRUCE WALLACE LECTURE

"A Potpourri for the Future"

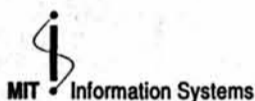
by

**Jerry A. Aspland
President
Arco Marine, Inc.**

Date: March 16, 1995

Time: 4:15 P.M.

Place: MIT - Room 9-150



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Here's a Great Student Job at MIT

The Microcomputing Help Line is now hiring student consultants to provide telephone, walk-in, and on-line support for the MIT community. Training begins in April for fall and summer positions. A mandatory orientation session for interested candidates will be held from 5:30-6:45PM on Tuesday, March 14th in room 1-390.

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The Job:

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If you are interested in a position with us, please bring the following to the orientation session, and be ready to sign up for an interview:

- 1.) Your name, contact info (phone numbers, address, etc.), and date of graduation.
- 2.) Any relevant qualifications you wish to highlight.
- 3.) Your up-to-date resume.

Direct any questions to debi@mit.edu, 3-7812

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SPORTS

IVC Goes Distance In Match with BU

By Gene Van Buren
TEAM MEMBER

Without two of its best players, Boston University was expected to be an easy match for MIT's Intercollegiate Volleyball Club. However, BU caught the Engineers off-guard, and took IVC to five games in a thrilling match that ended with IVC barely on top.

The 6-0 Engineers next play at the NECVL Open on Sunday at MIT.

The match began in MIT's favor, as the Engineers took the first game rather quickly, 15-5. IVC's starters played strong, hit well, and covered the BU offense in a game without much note, other than five straight points during the serve of Gunter Niemeyer G.

Some of MIT's bench played in the second game, and the result was similar, although it took slightly longer to finish the game at 15-6. Amy Smith G also scored five points on her service in the second game.

Game three saw more playing

time for IVC non-starters, but the weaker presence from IVC played right into BU's hands. They picked up their defense and took advantage of increasing MIT errors to hold even through two rotations, and then finish the game 15-8 after an 8-1 run.

Unsettled by the loss, IVC's starters returned to the court in the fourth game. However, the momentum was with BU, whose defense dug nearly every ball MIT hit at them. Strong hitting began to help IVC, and returned the momentum to them towards the end of the game, but it was too little, too late as BU tied the match at two games a piece with a 15-9 fourth game win.

In the final gam, Parry J. R. Husbands G came alive on the right side attack and served five points for MIT to give Tech a slight edge. It was just enough as IVC squeaked out a down-to-the-wire 15-12 deciding victory.

BU taught IVC a lesson about leaving the door open against an underdog.

UPCOMING HOME EVENTS

Friday, March 10

Men's Tennis vs. University of Massachusetts at Amherst, 3:30 p.m.

Cover games for *The Tech*!
Call x3-1541 and ask for Dan Wang.

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