



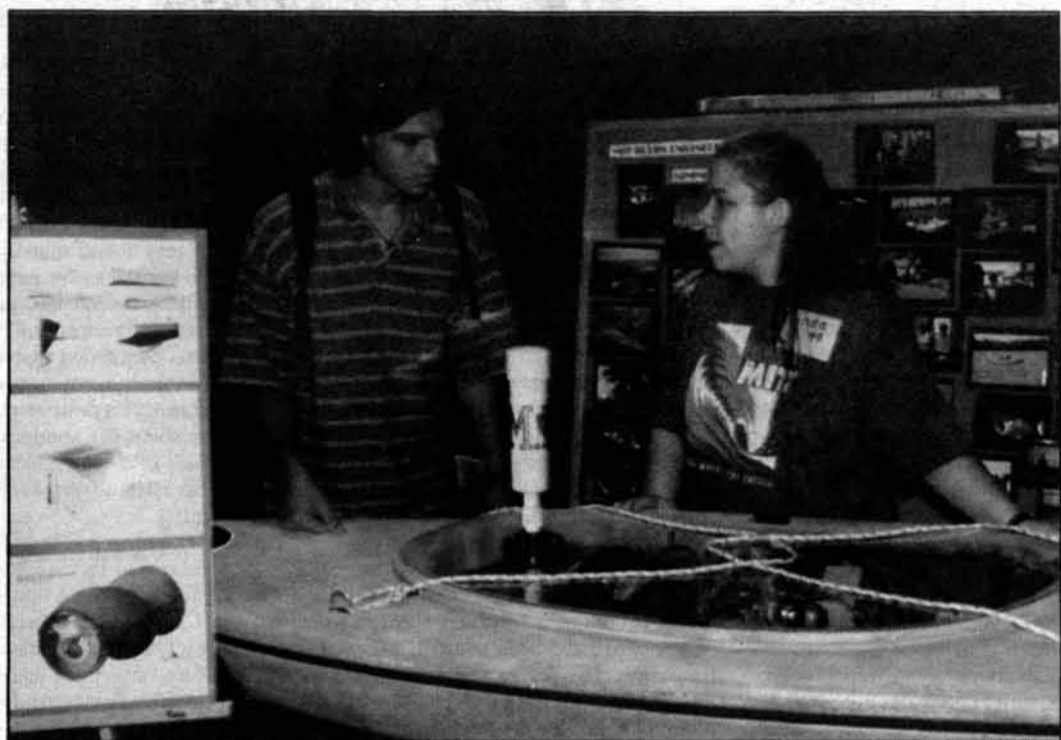
The Weather

Today: Overcast, 74°F (26°C)
Tonight: Showers, 63°F (19°C)
Tomorrow: Clearing, 74°F (26°C)
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Volume 117, Number 37

Cambridge, Massachusetts 02139

Thursday, August 28, 1997



Linda E. Kiley '99 shows a shark tracking boat to Daniel Vlasic '01 at the Academic Expo held in the Johnson Athletics Center yesterday afternoon.

GREG KUINEN—THE TECH

Results of Freshman Exams are Mixed

By Zareena Hussain
ASSOCIATE NEWS EDITOR

Results from the two mandatory freshman exams, the Freshman Essay Evaluation and the Pre-Calculus Math Diagnostic, were released yesterday, revealing marked improvement in some areas and regression in others.

The number of freshmen who received a score of adequate on the math diagnostic test jumped seven percent while the number of freshmen who passed the essay evaluation fell by three percent.

164 of the 962 freshman who took the essay evaluation, about 17 percent of the class, received a score high enough to pass Phase One of the Institute Writing Requirement, said Coordinator of the Writing Requirement Leslie C. Perelman. Last year, 20 percent of students taking the exam passed.

The low passing rate is due to a

harsher grading system put into place two years ago. The revised grading system was designed to "send messages to the students that they need to be more aggressive and take a leadership role in improving their writing skills at MIT," said Kip V. Hodges, then-chair of the Committee on the Writing Requirement, at the time.

After the new grading system was put into place the passing rate for the Essay Evaluation plummeted from 48 percent in 1994 to 17 percent in 1995.

Some 91 students bypassed the essay evaluation by satisfying the Phase One largely through advanced placement credit, Perelman said. Students who received a five on the Advanced Placement Language and Composition Test were credited with completion of the Phase One of the Institute Writing requirement.

Courses satisfy requirements

Of the 798 students who did not pass the FEE, 215 received a grade of "not acceptable with subject recommended". Those students were advised to take one of the introductory writing classes, however most of those classes have historically been oversubscribed.

"Part of the problem in phase one classes is that a number of those spaces are taken by juniors and seniors who have not passed Phase one," Perelman said.

The other option to students for passing Phase One is to submit a five page or longer paper from any class or UROP activity as proof of writing ability. However, that option may pose problems for procrastinators.

Students who postpone submitting their Phase One paper until fall term of their sophomore year, the deadline for submissions, have

Exams, Page 9

New System Improves Dorm Lottery Results

By Douglas E. Heimbarger
ASSOCIATE NEWS EDITOR

Freshman housing lottery results released yesterday afternoon show that a significantly higher number of students were assigned to one of their top three choices than in previous years.

This year 99.3 percent of freshmen were assigned to one of their top three choices, compared to 93 percent last year and 90 percent in 1995, said Philip M. Bernard, program director for residential life in the Office of Residence and Campus Activities.

The results are the "most successful we've had," Bernard said. He attributed the success to a new optimization scheme written by Eliot S. Levitt '89 that maximized the number of students assigned to one of their top three choices instead of only to their top choice.

Only 69 percent of freshmen were assigned to their first choice dormitory, compared to 76 percent a year ago. The change is due to the optimization process, Bernard said. "More people get their second choices," he said.

In 1995, 67 percent of freshmen received their first choice dormitory. However, 76 students were assigned

to a dormitory that was their fourth choice or below that year.

This year, only six students received their fourth choice dormitory, and no one received any dormitory lower than the fourth choice, Bernard said.

RCA will try to accommodate those who received their fourth choice dormitory, Bernard said. They are "people that we'd really want to work with" to move to a higher preference house if necessary, he said.

Crowding higher than expected

The number of crowded rooms in dormitories is now expected to be higher than previously thought, Bernard said.

While 120 crowds were predicted at the start of the lottery on Sunday, almost 150 crowds are now

Lottery, Page 8

Dorm	# First Choice	Total Assigned	Ranks of those assigned			
			1st	2nd	3rd	4th
McCormick	100	63	62	1	—	—
MacGregor	118	76	74	2	—	—
Burton	108	97	82	14	1	—
Senior	33	33	20	8	4	1
Baker	60	70	56	14	—	—
Random	17	20	9	8	2	1
Bexley	13	17	10	7	—	—
Next	68	121	68	53	—	—
New	21	44	19	23	2	—
EC	37	107	37	46	20	4
Language	42	28	28	—	—	—

Dormitories are ranked from most to least subscribed. Language houses operate under a separate selection system. These figures do not include students who requested that they be grouped with other freshmen.

SOURCE: OFFICE OF RESIDENCE AND CAMPUS ACTIVITIES

Cheap Buys Can Make Room Seem Like Home

By Douglas E. Heimbarger
and Dan McGuire
STAFF REPORTERS

As the long Labor Day weekend approaches, many students will fan out across the Boston area to purchase desks, lamps, and rugs to give their new rooms a more comfortable and less institutional feel. The area around MIT has a number of stores to help fulfill students' needs. Here are some good starting places for students interested in buying furniture in the Boston area.

In addition, the Residence and Orientation Week Committee will be sponsoring a "Shop for Your Room Tour" which will depart from the Student Center steps at 2:00 p.m. Sunday afternoon.

Lechmere

Long a Cambridge institution,

this electronics store known for its low prices and high selection is closing its doors this fall as part of a bankruptcy reorganization of its parent company, Montgomery Ward.

Lechmere is currently offering 15 percent off all its items as part of its liquidation sale. According to a store worker, the store is only selling its current stock, which means that some items may already be sold out.

Lechmere offers halogen lamps for \$21.99 as well as other electronics, computer, and office equipment. Lechmere also has a small selection of furniture and bedding.

The Lechmere nearest to campus is located at the CambridgeSide Galleria.

Lechmere, CambridgeSide

Shopping, Page 11



Alex D. Sindt '99 and Stephanie Sharo '99 from Dance Troupe perform at the Activities Midway Tuesday evening.

GREG KUINEN—THE TECH

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WORLD & NATION

North Korea Pulls Out of Missile Proliferation Talks

LOS ANGELES TIMES

WASHINGTON

Miffed by Washington's welcome to two high-ranking defectors, North Korea abruptly pulled out of missile proliferation talks scheduled for Wednesday, stalling U.S. efforts to persuade the Communist regime to curb its arms sales to rogue states such as Iran.

Li Gun, Pyongyang's deputy U.N. representative, said in a statement: "The U.S. offer of shelter to the criminals seriously damaged the climate, preventing our government from resuming the talks."

North Korea's Central News Agency said the defectors, North Korea's ambassador to Egypt and his diplomat brother, were about to be accused of embezzlement. It suggested that they sought refuge in the United States to avoid prosecution.

White House spokesman Barry Toiv said North Korea's decision to recall its delegation from the New York talks was "not unexpected" following the high-profile defections.

U.S. officials anticipate that the breakdown will be temporary. Although they admit there is no way to read the intentions of Kim Jong Il's secretive regime, they say North Korea has little to gain from breaking off the talks permanently.

Radiation Leak Angers Japanese

THE WASHINGTON POST

TOKYO

An angry Japanese Prime Minister Ryutaro Hashimoto Wednesday described the newest problem in the nation's troubled nuclear energy program, a long-standing radiation leak from corroded storage drums, as "unbelievable."

The state-run agency that operates Japan's nuclear program admitted Tuesday that radiation had leaked from some of the 2,000 drums of radioactive waste stored in Tokai, a village north of Tokyo. Although some water surrounding the underground drums had more than 10,000 times the allowable level of radiation, government officials said Wednesday that the local water supply is safe.

"It's unbelievable that (the nuclear agency) has neglected a warning" made after a 1982 inspection, Hashimoto said. Critics said the leak had been going on at least since 1982.

The incident is the latest in a series of accidents involving the state-run nuclear agency known as Donen. Nuclear power accounts for one-third of Japan's electricity, and the national government has been trying to win public support to build more reactors to expand the energy source. But recent revelations of sloppy nuclear power plant management and coverups of accidents have enraged an increasingly hostile public.

The Japanese public and government are extremely sensitive about radiation and nuclear safety. Yet despite its profound historical aversion to nuclear weapons and nuclear power, the government has been determined to make the country self-sufficient in energy production and no longer dependent on foreign oil.

California Court Rules for Age-Discriminated Employees

LOS ANGELES TIMES

SAN FRANCISCO

In a victory for older workers, the California Supreme Court ruled Wednesday that employees who are discriminated against on the basis of age have the same legal rights as victims of race and gender bias.

The 6-1 ruling opens another avenue for older workers to bring discrimination complaints when they are fired or demoted and sends a strong message that the state has a fundamental interest in preventing age discrimination in the workplace.

"With this ruling, age discrimination is put on a similar footing with race and gender," said Antonio Lawson, who represented Altadena resident Joan Stevenson in the case.

At the age of 60, Stevenson lost a secretarial job she had held for 30 years. Because of what she called poor legal advice, she failed to file a complaint with a state agency alleging age discrimination, an administrative step that a lower court held was required before a lawsuit could be filed.

The court's ruling now makes it possible for victims to proceed directly to the courts. "I am sure there are many people in my situation," Stevenson said Wednesday.

WEATHER Picnic Panic?

By Gerard Roe

STAFF METEOROLOGIST

Due to a rather sluggish upper level flow, we are going to be experiencing the effects of a messy, multi-centered low pressure system for the most of today. In the Labor Day outlook a ridge of high pressure is set to take hold over the East Coast keeping any inclement weather at bay over the holiday weekend, and bringing in lots of sunshine. In the short term, however, clouds will be the rule. It looks as though we will escape all but scattered light rain in the morning, but there is a good chance of a thunderstorm in the area especially towards evening as a weak cold front comes through the area and destabilizes the air above us. All of which makes the GSC picnic in Killian Court this lunchtime a somewhat risky proposition, but heck, the food is free.

Thursday: Overcast. Chance of a shower throughout the day, more likely towards evening. Light winds generally out of the south. High 74°F (26°C).

Thursday night: Showers likely. Low 63°F (19°C).

Friday: Clearing during the morning. Becoming partly sunny. High 74°F (26°C). Low 59°F (17°C).

Former Agriculture Dept. Chief Indicted on 39 Counts

By Toni Locy

THE WASHINGTON POST

WASHINGTON

Former agriculture secretary Mike Espy was indicted Wednesday on charges that he openly and aggressively solicited \$35,458 worth of gifts from companies he was supposed to be regulating, virtually from the day President Clinton picked him for the job.

Espy, 43, who served as agriculture secretary from January 1993 until December 1994, was charged with accepting illegal gratuities for himself, his girlfriend and his relatives, and with violating the Meat Inspection Act of 1907, which prohibits Agriculture Department employees from taking anything of value from companies they are supposed to regulate.

In the 39-count indictment, the grand jury said Espy carried out the scheme by committing mail and wire fraud, and by lying to the department's inspector general, the FBI and the White House when he was questioned about his activities. He also was accused of tampering with a witness by ordering a low-level employee to alter travel itineraries that had been requested by the inspector general.

The grand jury said Espy accepted a variety of gifts, from luggage, crystal bowls and artwork to meals, airfare and tickets to sporting events.

He allegedly accepted the gifts without reporting them, as required, on annual federal financial disclosure forms, and allegedly tried to cover up his acceptance of the gratuities.

"The evidence suggests that by

nature of the value of the things he took, he had his hand out all the time," independent counsel Donald C. Smaltz said in an interview.

Attorney Reid H. Weingarten, who represents Espy, scoffed at the charges. "Never has so much been made of so little," he said. "In an effort to justify three years and countless millions spent on this investigation, the special prosecutor has stretched criminal statutes beyond recognition and taken trivial, personal and entirely benign activities and attempted to distort them into criminal acts. These efforts will ultimately prove unavailing, and we look forward to going to court and restoring Mike Espy's good name."

Espy's indictment is the climax of a nearly three-year investigation by Smaltz, who has overseen several criminal and civil prosecutions against companies and officials involved in providing the gifts. So far, three corporations and four individuals have been convicted in the investigation, which has focused mainly on offenses involving gifts to Espy and contributions to the unsuccessful congressional campaign of Espy's brother, Henry. There also have been some acquittals and charges have been dismissed against Henry Espy. More than \$4.5 million in criminal fines and civil settlements have been agreed to by various companies.

According to the indictment, Espy accepted gifts from Sun-Diamond Growers of California; Tyson Foods Inc. of Arkansas; Oglethorpe Power Corp. of Georgia; Smith Barney Inc., the New York investment firm; the EOP Group

Inc., a political and business consultant in Washington; Quaker Oats Co. of Chicago; and Fernbank Inc., a private nonprofit organization that runs a museum in Atlanta.

Tyson Foods said in a statement, "The secretary never was asked by Tyson for any special treatment, and none was ever offered or received. We deplore the independent counsel's apparent view that acts of common hospitality — consisting of a couple of meals and a football game — can rise to the level of criminal conduct in the absence of any attempt by our company to exploit its non-existent special relationship with Mr. Espy."

The grand jury found that Espy tried to cover his tracks by paying back the companies that had paid his way to various events. The grand jury also concluded that the timing of his reimbursements was suspicious, coming days after published reports about his conduct or the appointment of the independent counsel to investigate his acceptance of the gifts.

"Public service is a public trust," the grand jury said in its indictment of Espy, adding that as agriculture secretary, a Cabinet-level position, Espy owed the public "honest services" that were "free from dishonesty, deceit, official misconduct, willful omission and fraud."

On Jan. 5, 1993, President-elect Clinton announced that Espy, a Democratic congressman from Mississippi, was his choice to run the Agriculture Department. Soon after that, the grand jury said, Espy engaged in a pattern of corruption that touched on virtually every aspect of his job.

Plavsic's Supporters Briefly Hold Bosnian TV Transmitter

By Tracy Wilkinson

LOS ANGELES TIMES

DUGE NIJVE, BOSNIA-HERZEGOVINA

A crowd loyal to embattled President Biljana Plavsic seized a critical television transmitter on a remote hilltop Wednesday but was driven out by other police answering to war-crimes suspect Radovan Karadzic.

As Plavsic struggles to wrest power from her hard-line rivals, control of the airwaves is essential. In a country where broadcast propaganda started and sustained three and a half years of war, whoever holds state media holds nearly unbreakable authority.

Plavsic's people have occupied one of five transmitters in the Bosnian Serb half of the country, which they claim reaches roughly 50 percent of the population. That transmitter is located near Plavsic's headquarters city, Banja Luka, where for three days journalists loyal to her have been broadcasting their own newscast in place of the usual Karadzic-controlled transmission.

On Wednesday, they moved to take another. The tense and, at times, violent showdown over the transmission tower here, above the north-central city of Doboj, was apparently the first exchange of hostile gunfire by Bosnian Serbs in a deepening crisis that is steadily splitting the Republika Srpska.

It also marked a foray by Plavsic's supporters into territory where Karadzic's forces appear to remain firmly in charge.

Led by Milovan Stankovic, a former army officer and the owner of Doboj's only opposition newspaper, about 30 men and women seized the transmitter and disarmed

11 policemen stationed at the installation to protect it. Stankovic said several of the police were sympathetic to their cause, easing the takeover.

Technicians immediately switched the frequencies so that the Banja Luka signal was beamed into thousands of homes in the Doboj area, preempting the signal from Karadzic's stronghold of Pale.

Armed men described by Stankovic as members of a pro-Karadzic paramilitary squad known as The Black Arm soon arrived and opened fire over the heads of the civilians, Stankovic said. They also beat up the chief technician. But outnumbered and seeing that some of the civilians also had guns, they retreated, Stankovic said.

Several hours later, Stankovic's group lounged under a wild pear tree alongside the transmitter and toasted their victory with cognac. "People are just fed up," said Vujo Blagojevic, a police criminologist who said he was fired last year when he refused to join Karadzic's ruling political party.

"We just want a normal life," said Dragoljub Radulovic, a social worker. "We want an end to the fear and use of force ... and the isolation of our people."

Two American helicopter gunships from the NATO peacekeeping force in Bosnia circled overhead, but no troops appeared on the ground. An unarmed team of U.N. police monitors was in the area, which is part of the U.S.-controlled sector of Bosnia, but also kept its distance.

Suddenly, Bosnian Serb police with megaphones began shouting from the bottom of the hill. Reinforcements had arrived and

were surrounding the group.

Tense negotiations followed. This time, Stankovic's people were outnumbered. They surrendered the transmitter and retreated to a nearby church.

Several dozen police loyal to Karadzic, many with their pistols cocked, then emerged from the forests ringing the hill, accompanied by men in plainclothes, apparently secret police, armed with guns, hand-held radios and baseball bats.

Two of the policemen were carrying automatic rifles, which are banned under the peace accords that ended Bosnia's war in December 1995.

Even some of the police were disheartened to see Serb pitted against Serb. One turned to his comrade, shaking his head: "Brother, our whole fight (in the war) was useless. Look at this. It's all falling apart."

The lack of NATO intervention in the transmitter incident may reflect a new reticence to become too involved in an internecine power struggle. Plavsic has received strong support from the West despite her own war-mongering past because she is seen as cooperative in executing the peace accords.

At the church where his group had retreated, Stankovic was circumspect. Although defeated for now, he said, his side had made its point.

"The war started in the heads of people, and it must be broken in the heads of people," he said. "That can only happen if electronic and print media are independent."

Back at the transmitter, a shout of euphoria went up. Karadzic's men had reconfigured the frequencies, and Pale television was again on the air.

California's Affirmative Action Ban Goes Into Effect Today

By William Claiborne
THE WASHINGTON POST

LOS ANGELES

After nearly a year-long battle in the courts, California can now begin implementing a controversial new law that eliminates race and sex as factors in a variety of state programs, from hiring to education and contracting. The measure makes this state the first in the country to abolish affirmative action programs, a move that has captured the interest of public officials nationwide in the face of growing pressure to scrap or limit racial preferences. Campaigns for similar bans are underway in several other states.

A coalition of civil rights groups fought the initiative in various federal courts, arguing that the law abolished only programs that benefited women and minorities while keeping preferences for those who sought them on such grounds as age, disability or veteran status.

But on Tuesday, the 9th U.S. Circuit Court of Appeals denied the group's latest attempt to prevent the

law from going into effect, clearing the way for it to take effect Thursday.

The American Civil Liberties Union plans to appeal to the Supreme Court in a last-ditch attempt to halt the law. However, the high court rarely grants emergency requests to postpone the effects of a new law or to otherwise intervene in a case before a hearing on its merits.

This means that in theory, at least, government agencies from the biggest state offices in Sacramento down to the smallest local water and sewer districts have to immediately begin dismantling affirmative action programs that are in conflict with the voter-approved ban.

Called Proposition 209, or the California Civil Rights Initiative, the law requires that the state "not discriminate against, or grant preferential treatment to, any individual or group on the basis of race, sex, color, ethnicity or national origin in the operation of public employment, public education or public contract-

ing."

The ban does not affect private corporations or other non-government groups, nor does it apply to federal affirmative action programs or state programs needed to maintain eligibility for federal aid.

But potentially, enforcement of the ban could quickly cut a wide path through many public sector affirmative action programs ranging from police department efforts to increase the number of black and Hispanic officers in their ranks to recruitment drives for women firefighters. In contracting, many government agencies will be forced to abandon long-standing practices aimed at awarding bids to minority or women-owned businesses.

While the measure has overcome several key legal hurdles, state and local governments are far from sorting out how they will obey the new law. And some county officials said that in a practical sense, bureaucratic procedures will delay enforcement even if the Supreme Court does not intervene.

Engineers Behind Mars Mission Unveil New Deep Space Probe

By Robert Lee Hotz

LOS ANGELES TIMES

PASADENA, CALIF.

As Pathfinder scientists this week continue to rove the rock gardens of Mars by remote control, the JPL engineers who put together that successful mission already are assembling a probe set to leave Earth for deep space next summer — a showcase for a dozen new technologies, including the first flight test of an unusual propulsion system never tried outside the pages of science fiction.

The engineers of the \$139 million Deep Space 1 mission showed off their handiwork Wednesday: a compact canister of circuit boards, antennae, imaging devices, and fuel tanks quickly taking shape in the cavernous eight-story clean room at the Jet Propulsion Laboratory in Pasadena.

As the first of NASA's New Millennium missions, the DS1 probe is designed to lay the technological foundations for the next generation of space exploration missions, JPL engineers said. It offers new techniques for powering probes between the planets, communicating with Earth, photographing the sights of space, and navigating without human assistance.

"These new missions will require new technologies that have not been tried yet," said chief mission engineer Marc Rayman. "No one wants to be first because no one wants to take the risk. The New Millennium program is stepping up to take the risk so that no one else has to."

The DS1 space probe is scheduled to be launched next July from the Kennedy Space Center in Florida for a two-year tour of the solar system's suburbs, scooting past an asteroid named McAuliffe in January 1999, dipping near Mars in April 2000 and then flying past the Comet West-Kohoutek-Ikemura the following June.

With one probe active on Mars and a second enroute, the DS1 craft is the latest sign of the renewed vigor of the U.S. unmanned space exploration program, National Aeronautics and Space Administration officials said.

Perhaps the riskiest — and most promising — new technology is the ion propulsion system that will gently push the DS1 probe up to speeds well beyond anything a conventional chemical rocket can achieve.

Riding on streams of charged xenon ions 10 times faster than the burning gases of chemical rockets, the probe can operate on less fuel

with greater thrust and for longer periods than other spacecraft.

"The ion propulsion unit is certainly the flagship technology," Rayman said. "It allows fast and flexible access to the solar system." Although the engine's initial thrust is slow, it steadily builds speed. "Ultimately it will travel much more quickly."

In its assembly bay Wednesday, the new spacecraft under construction was surrounded by technicians in white caps and gowns, festooned with butterflies of red warning tape and draped with snakes of yellow and black caution ribbon. Stripped of its wings of solar panels and linked to diagnostic probes and racks of power buses, it looked like a vacuum cleaner in intensive care.

Despite its prepossessing appearance, the spacecraft is based on technology so new that "the ink is still wet on the engineering drawings," one spacecraft worker boasted.

The basic components of the probe arrived at JPL at the beginning of August and the craft must be ready for its flight tests by late October. It is scheduled to be shipped to the launch site in April, where it will be mated to the Delta rocket that will lift it clear of Earth in July.

Mexico's Peso Becoming Stronger, Fostering Fears of High Inflation

By Chris Kraul

LOS ANGELES TIMES

MEXICO CITY

Is the Mexican economic recovery, especially the strengthening peso, too much of a good thing? That, ironically, is the subject of much debate these days in Mexico, where the stronger peso has some economists fingering their worry beads.

They point to the peso's rising value against the dollar on currency exchanges, despite Mexican inflation totaling 30 percent over the last 18 months. They fear that could reignite a Mexican frenzy for imported goods similar to one that helped torpedo the economy in 1994.

Fueling those fears was the news last week that Mexico ran a monthly trade deficit in July, the first since January 1995. Although a mere \$20 million, the imbalance showed that for the first time since the crisis, Mexican consumers and businesses are buying more foreign goods and services than the economy is export-

ing.

The peso closed Tuesday at 7.77 to the dollar, virtually the same level it was at in December of 1995.

For the peso to be in perfect sync with the dollar, it would have weakened at a rate roughly equal to Mexico's inflation, leaving the exchange rate at more than nine to the dollar by now. That's the exchange rate that some economists, including MIT's Rudy Dornbusch, were predicting last year.

"Mexico is gradually coming back to a situation where you have a significantly overvalued peso," warned Gary Hufbauer, director of studies at the Council on Foreign Relations in New York.

Also concerned about the peso is Bank of America Chairman David Coulter, who on a visit here Monday said the peso is too strong and that the government should take steps over the next 18 months to ensure that the overvaluation doesn't continue.

"I used to run the bank's currency trading room, and it was always

tough to determine what a fair value of any currency is," Coulter said. "But I'd say the peso is slightly overvalued."

But the peso's defenders say its strength merely reflects growing international confidence in Mexico's economy, especially since the orderly July 6 elections. The upshot: stronger foreign demand for Mexican currency to build factories, open stores and buy Mexican stocks and bonds.

The strength of Mexico's recovery was highlighted by second-quarter figures released last week showing the economy had grown a startling 8.8 percent compare with last year, a rebound boosted by renewed consumer spending.

"The peso is much stronger than what anyone expected, but there are good reasons," said Oscar Vera, chief economist at Deutsche Morgan Grenfell in Mexico City. "We're in a virtuous cycle in which a stable economy attracts more capital, which reinforces the peso's strength," he said.

Tank Explosion Test Shows Damage Unlike Flight 800's

NEWSDAY

A center fuel tank blown up by TWA Flight 800 investigators shows damage patterns unlike anything found on the fuel tank of the downed plane, according to early test results — a development that could finally rule out the possibility that any explosive charge destroyed the plane, sources said.

Since last spring, officials had said they were close to eliminating the bomb and missile theories that had long dominated speculation about the crash's cause. But FBI investigators have been reluctant to be definitive, saying they wanted to reanalyze the wreckage and await the results of more tests.

The test results, from several detonations of a Boeing 747 tank in Bruntingthorpe, England, last month, brought investigators one step closer to dropping the idea of a small, "shaped charge" placed on or near the Flight 800 tank — the only possibility left of a bomb because of the lack of other evidence.

Five other theories of ignition remain, including a dud missile or other object piercing the plane's skin and four mechanical scenarios: a static charge within the tank, a faulty scavenger pump, corroded fuel probes and damaged wiring in the right wing.

Investigators have determined that the blast originated in the nearly empty 12,890-gallon tank, igniting fuel air vapors in an explosion that tore the plane apart, killing all 230 people aboard. The actual ignition source remains a mystery.

Israel Lifts Siege of Bethlehem

THE WASHINGTON POST

BETHLEHEM, WEST BANK

Israeli authorities lifted their 28-day siege of Bethlehem Wednesday in a significant easing of the harsh regime of economic sanctions and border closings imposed on Palestinians since two terrorists killed themselves and 14 other people in a bombing at a Jerusalem market on July 30.

About 4 p.m. Wednesday, Israeli soldiers shoved aside barricades blocking entrances to the fabled West Bank city, where Palestinian resentment of the blockade has erupted into serious rioting and has raised fears of renewed clashes between Israeli soldiers and Palestinian security forces.

Israeli authorities continue to prevent tens of thousands of Palestinians from traveling to their jobs in Israel, however, and they have not retreated from demands that Palestinian leader Yasser Arafat do more to rein in terrorists operating from areas under his control.

Still, Wednesday's move was important because Bethlehem was the last West Bank city subject to a full blockade by Israeli security forces. In the immediate aftermath of the Jerusalem bombing, Israeli Prime Minister Benjamin Netanyahu sharply restricted the movement of goods and people throughout the West Bank and Gaza Strip, but most such blockades have since been lifted in the West Bank.

FDA May Require Juice Labeling

THE WASHINGTON POST

WASHINGTON

The Food and Drug Administration announced plans Tuesday to require warning labels on unpasteurized fruit and vegetable juices and take other steps to reduce the risk of disease from microbes in the drinks.

The proposal comes in the wake of recent outbreaks, including one last fall that was linked to unpasteurized apple juice; one child died and 66 people became sick in three western states and Canada in that incident.

The new regulations are part of a general program within the Clinton administration to upgrade food safety following similar disease clusters in recent years linked to hamburger and imported fruit.

In Tuesday's announcement, the FDA said it would issue one proposal later this year requiring a thorough juice safety program similar to that implemented for other foods. That system, known as Hazard Analysis and Critical Control Point (HACCP) safety programs, examines possible sources of contamination and tries to minimize risk at each point; it also requires inspection and thorough record-keeping to track outbreaks.

The agency said it also probably would issue a rule requiring warning labels on fresh apple juice products until the HACCP plan is in effect. The label requirement then could be rescinded by the agency.

Second Fish Kill Strikes Eastern Shore River

THE WASHINGTON POST

WASHINGTON

The Pocomoke River on the Eastern Shore between Maryland and Virginia suffered a second fish kill Tuesday as an estimated 2,000 fish died near the spot where 10,000 or more fish died earlier this month, Virginia officials said.

Tuesday's fish deaths took place in Virginia waters across the river's mouth from Maryland waters where the toxic microbe *Pfiesteria piscicida* was active during a four-day fish kill less than three weeks ago, said Jack Travelstead, chief of fisheries management for the Virginia Marine Resources Commission.

Virginia state workers took water and fish samples that will be sent to laboratories and analyzed for the presence of *Pfiesteria*, Travelstead said. He said most of the fish dying Tuesday bore sores, a symptom seen in previous attacks by *Pfiesteria*.

The fish deaths in Maryland earlier this month marked the first time *Pfiesteria* was found active during a fish kill in the Chesapeake Bay or its tributaries. Maryland officials said the deaths Aug. 6-9 on the Pocomoke marked the first major fish kill in eight years in that state's portion of the bay and its tributaries.

Pfiesteria emits toxins that can inflict skin problems at low levels. At higher concentrations, the toxins overwhelm fish, paralyzing their nervous systems and suffocating them. The microbe swims toward the stricken fish and feeds upon them.

Travelstead said the fish dying Tuesday were mainly menhaden, an oily species known to incite attack by *Pfiesteria*.

OPINION

Letters To The Editor



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Wu Misunderstood FLP Experience

As one of those so-called "elitist" Freshman Leadership Program participants, I have read with great interest the columns and letters in *The Tech* over the last several days. They filled me first with anger, then awe, and now most recently disbelief that one of our very own hasn't a clue as to what happened during FLP. Now, I understand that everyone perceives the same event in a different manner. But this afternoon, as a group of us sat in the grass in front of Kresge Auditorium and read out loud today's letters on FLP, I think it was quite unanimous that we felt as though the letter by Jimmy Wu '01 ["FLP Bonding Activities Brought Frosh Together," August 26] did not correctly portray what happened during FLP.

FLP was definitely a program in which to learn. Whether it be about yourself, about your gender, your race, or about someone else's identity, FLP explored all the cultural differences which reside among humans. It often became frustrating at times to listen to a group of minorities or to a group from one certain gender explain which stereotypes they held, or why they treated certain "types" of people the way they did. And I am sure those same groups became annoyed or shocked as we tried to explain to them feelings we experience as women, or a person with European descent. But I don't quite feel as though any of us went through "emotional trauma" as a result. "Raising the Roof" did not ease any pain, or see us through our "hazing." In fact, there was never once any event which could constitute as hazing during the entire week at FLP. Too-de-tahs were merely an ice-breaking game to help us feel more comfortable among our peers. Even this simple little dance taught us that it's more healthy and progressive to laugh and have fun with your peers, and/or co-workers.

We discovered that if people feel at ease around one another, barriers can come down, and friendship can be used as a tool of inspiration and support. It's through our friends that we can feed and nourish ideas for success. I truly feel that one main purpose of FLP was to help build that support system so that our class can flourish during our years at MIT. We learned that diversity is just a flavoring ingredient. We need to come together, look through skin color, gender, religion, or sexual identity, and realize that as a whole we can be so much more powerful and amazing.

The only trauma I can imagine that Wu was trying to address in his letter may be that of honesty. For the first time, many students opened up both to themselves and to the

group. We were exposed to different ideas which could easily spark controversy. This could be traumatizing and shocking to those who have never been placed in that situation before.

Wu is right in a sense. A good hienewrite helped us loosen up and get to know each other. But it wasn't through any sadistic game or roof-raising incident forced upon us by the counsellors that allowed us to bond. And it isn't any shared emotional trauma that keeps us so invigorated about the program. It was the experience of finally being treated as adults, and discussing real issues that exist in today's society. FLP was an enlightening experience for everyone involved.

Megan L. Galbraith '01

FLORIDA FELONS:



Pocket Deposits May Soon Prove Valuable

Column by Anders Hove
OPINION EDITOR

"They might as well close the patent office; now everything has been invented." So said my grandmother when the neighbors purchased the town's first self-starting automobile. That was back in the 1930s.

I'm inclined to agree. Aside from the Dobsonian telescope mount, I can't think of a single thing worth having invented after 1930. I'm convinced that the real advances in productivity since the Great Depression have taken place not because of technological change, but due to more efficient use and allocation of known technologies and resources.

Leave it to a graduate student to prove my point. David Dotson, a master's degree candidate at New Mexico State University at Las Cruces, has this year discovered that a heretofore disused national resource has enormous potential as an agricultural fertilizer. The material in question is a fibrous fleece derived from the abrasion of linen and other fabrics.

In other words, lint.
The human race has been struggling with lint for years. It collects in the most ridiculous places. Lint collects on bodies, under beds, in

sock drawers, on the carpet, and in the drain. Our keys are forever getting mired in fluff-filled pockets. Some people with Pocket Lint Syndrome appear to have a socially-unacceptable chronic itching problem. For this reason and others, most people deem lint a nuisance.

Some people have more of a lint problem of others. International Garment Processors (IGP), a company that stonewashes jeans, throws away 70 cubic yards of lint every week. And that's just a small part of America's daily lint production. Imagine how much cotton is going to waste every year due to lint disposal? Wouldn't it be better for the world if that matter could be used for something?

Now it appears it can. And mind you, lint is no ordinary fertilizer. In his experiments, graduate student Dotson spread lint over ground that would otherwise be sterile, and in some cases even toxic. The result was an astounding increase in grass growth.

Scientists and industrialists see this as evidence that industrial lint waste will now be put to good use aiding reclamation efforts. But imagine what will happen when lint recycling reaches the environmental home front. Suddenly, each morning, many will be con-

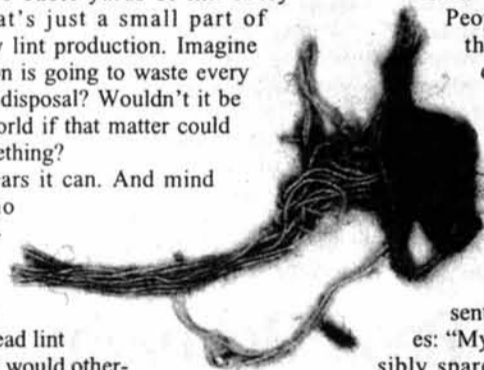
fronted with a nagging question: You're not planning on throwing that belly-button lint away, are you?

And picture the lawns and gardens in your neighborhood spruced up with a nice layer of lint. Stonewash for vegetables, dryer lint for shrubs, shower-drain scum for general grass growing.

Some of us will undoubtedly recognize our own erstwhile fleece deposits. People will be seen scrutinizing their yards, looking for evidence that Levis decay faster than Wranglers, or proof that someone is overwashing their favorite L.L. Bean shirt.

Among households dominated by polyester and rayon, lint supplies will run low. Children will be sent running to neighbors' houses: "My mother asks, could you possibly spare a couple pounds of lint?" More charitable sorts may drop off excess lint at the local Salvation Army.

As you can see, we are about to enter a brave new world of futuristic living. All thanks to lint, a substance most of us have known about for years. It just goes to show that the best things in life aren't invented or earned, they just collect in your undergarments.



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

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Real Worth of Religious Diversity Transcends Spirituality

Guest column by Phil Marfuta

I'd like to applaud the column by Stacey E. Blau '98 ["Religious Groups Can Often Be Divisive, Aug. 27]. There are many atheists, agnostics, humanists, Jews, Muslims, Pagans, and other religious groups here at MIT.

The campus is a hodgepodge of ideas, backgrounds and beliefs, jostling around in this little environment we call home for most of the year. Many of these groups are excessively underrepresented, and do not get nearly as much space or publicity as Christianity. For example, I know there are many Indian students enrolled at MIT, but I find an alarming paucity of literature pertaining to Hinduism or Jainism.

I enjoy soaking up ideas other than my own, gleaned bits of useful wisdom from each. However, I resent indiscriminate bombardment to the nth degree. In the packet I

received from the Association of Student Activities at my home address, there were phone numbers, office locations, people to reach and e-mail addresses for dozens of religious groups, 90 percent of which were probably Christian. I thought to myself, "If I really wanted to get involved, it couldn't be difficult at all."

Advertising excessively does seem to be a problem here, and I offer a solution: keep all the religious denominations' groups in a specific pamphlet listing every religion, who to contact, and how to get more information. (I have seen one such piece of literature offered.) It is a bit sick when one has to wade through 1,000 letters saying the exact same thing, with minor differences only a member of the groups would care about.

On the other hand, I applaud the Christians at MIT for making a firm declaration of their existence. Indeed, there is a popular paranoid belief that the word "science," upon having

the letters rearranged and interpreted symbolically, spells out "Death of God." At MIT where rational, sanitary thought takes place, one might actually assume that there aren't any serious, practicing religious folk around; the groups aforementioned are simply trying to refute that ignorant misconception. Kudos to them.

As far as "clumping together," as Blau put it, people quite naturally seek out those of like minds, and venture forth infrequently to import thoughts that might bristle their feathers a bit. The Association of Student Activities religious groups are not leeches waiting to pounce upon naive MIT morons with accessible wallets (with the exception of a few, I'm sure). Rather, they offer a feeling of fellowship that other groups can't provide. Call it a security blanket, or call it a bond, but to each his own.

I myself can't say I have found many who share my ideas, as I am actually a Satanist,

but recognizing the dearth, often venture out to meet many of the people in Christian, Buddhist, Islamic, and Pagan faiths, in order to soak up other ideas, as I am secure in my own beliefs. I actually find, despite their ideology being contradictory to mine, that they are often unpretentious, non-belligerent, and exude a sense of happiness few people enjoy. So while the administrators of these groups might actually be fishing the waters for constituents, the individuals rarely proselytize, and want nothing more than chat. Be sure to realize the difference.

Lastly, the successful search for people like you is one of the more rewarding of human experiences, and should not be ignored. But exclusivism will never be my policy, for by limiting your friends on the basis of any criteria, you limit only yourself. One should seek like minds, but not fear those that seem strange at first; what was once scary to many of us, is now beautiful.

As MIT Closes More Doors, Our Campus Loses its Open Feel

Column by Stacey E. Blau
OPINION EDITOR

One of the best things about MIT is its open campus. If you're a new student you may not have thought much about that fact, or even noticed it, unless maybe you went on an Orange Tour or have spent time wandering through MIT's buildings late at night.

Most people don't think much about MIT's open campus policy immediately, at least not at first. It's one of those things that you kind of come to appreciate over time when you see its benefits. It's convenient if you like to hack or even just take long walks around buildings. It allows students and activities to work in heavily-trafficked areas like the Student Center at any hour almost every day of the year. An open campus policy also makes classrooms available to students for use at night to do problem sets or invite friends to watch movies.

Unfortunately, MIT's open campus also allows trespassers and potential thieves to walk in off streets and into buildings. In recent years MIT has been slowly but quite surely tightening its control of buildings, making MIT less and less of an open campus.

That's an unfortunate move.

Access to an increasing number of buildings, particularly on the eastern end of campus, is restricted by card readers. The readers were installed about two years ago as a part of a pilot plan to improve campus security. As far as anyone is concerned, however, card readers are a permanent fixture on those buildings, and we can expect them on more and more entrances.

No one can doubt that a massive and close-to bulletproof security system on campus would reduce crime (at least the crime its meant to cut down on — thefts by outsiders). But the card reader system represents no such solution.

Its current implementation, for one thing, is absolutely pathetic. The card reader on one of the entrances to Building 66 isn't working half the time, and even when it is, an adjacent door to the building is often open. At night, if you enter the connection between Building 56 and 66 from the north side (that is, coming from Building 20), you'll probably notice that the loading dock right next to the door is wide open and lit, practically inviting people to come inside. The loading dock entrance takes you right into the ground floor of Building 56.

Of course, from the perspective of promoting an open campus, I don't mind that these buildings are as open as ever. But it is telling that things remain the same while MIT Card

promoters like Chief of Campus Police Anne P. Glavin make fantastic claims on its behalf.

The fact is that these card readers exist largely to make the powers that be feel better about the job they're doing to increase campus security. If they really believed that these card readers were crucial, they'd care enough to make the readers work and they wouldn't allow entrances next to the readers to be left wide open.

Something pretty obvious to anyone who knows their way around the MIT campus even a little, or a thief who cares enough to find out, is that even if the Building 56 and Building 66 card reader entrances were kept secure, anyone can simply travel a little further (say, to the Infinite Corridor) to find an open entrance to buildings. But then the only real way to achieve security is to seal off every building entrance.

That, of course, is the plan. The effect this card reader pilot plan has on crime doesn't really matter. If crime goes down, then people can make the argument that the card readers are doing their job. If crime goes up or doesn't change significantly, then the need for card reader security should be all the more evident.

And the cost we have to pay is a campus that is no longer open. Sure, the people who are allowed to get in to places will have their MIT Cards programmed to let them in, and probably most buildings will still be open to

everyone with a card. But it's not hard to imagine this first big step in access restriction leading to restrictions that gradually begin to keep more and more people out. Once the card readers are in place such restrictions would be as simple as some small changes by a bureaucrat in the MIT Card office.

The end of MIT's open campus would be a pretty sad thing for the Institute. MIT's open campus is representative of the freedoms people find here — things people come to appreciate only after living on campus for some time. Like the freedom to opt out of a meal plan. Or the fact that there's no limit on the number of classes you can take after your freshman year. And the fact that nobody enforces the state law on underage drinking. These freedoms are an important part of MIT's philosophy.

There are few restrictions on where you can go at MIT, and most of us like that fact. But at the same time, we all know that there's a trade-off there when it comes to security. We have people trespassing, and we have thefts; just look at the police log. But the process of moving toward a closed campus is happening before our eyes, and MIT has to ask itself now if that's what we want. I'd guess that Glavin and other security promoters would say yes. But the rest of us, who don't want to see MIT locked up, say no.



What does butch/femme mean?

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Hopkins Student Sentenced in College Republicans Killing

By Dan McGuire
EXECUTIVE EDITOR

Johns Hopkins University student Robert Harwood Jr. was sentenced to 35 years in prison after pleading guilty to a second-degree murder and weapons charge in the shooting death of fellow student Rex Chao.

His defense attorney read a letter to the court in which Harwood expressed remorse for killing his "dear friend." Harwood, who was valedictorian of his high school class and received a scholarship to attend Hopkins, will be eligible for parole in 20 years.

Chao and Harwood were friends until Chao met Suzanne Hubbard, who played the flute in the University's orchestra. Harwood was reportedly upset by the relationship.

To try to prevent Chao from becoming the president of the College Republicans, Harwood circulated a pamphlet accusing him of using drugs and committing sexual assault. The club dismissed the charges and elected Chao.

After the meeting, Harwood followed Chao to a grove of trees. He pulled out a handgun and shot Chao in the back of the head. He then flipped Chao over with his foot and fired another shot into his chest.

Harwood was initially charged with first-degree murder, but after psychiatric evaluations indicated

that Harwood suffered from obsessive compulsive personality disorder, prosecutors downgraded the charges.

[The Johns Hopkins News-Letter, July 17]

spokesman said.

Several groups are working to lease the house, including the newly affiliated Alpha Xi Delta sorority.

[The Dartmouth, Aug. 20]

No answers in Harvard death

The family of Fung Lam has hired the Providence law firm of Corrente, Brill, and Kusnitz to investigate his death. Lam, a first year graduate student in the chemistry department, died in February. Lam was found unconscious on the floor of his laboratory and died two days later at Massachusetts General Hospital.

A final coroner's report has yet to be released, frustrating attempts to determine the cause of death. Harvard's Environmental Health and Safety division investigation of the death said that "there appeared to be no chemicals or other hazards that were in use at the time," said the EHS director Hugh Joseph Griffin.

Tests indicated that Lam's body contained sodium azide, a compound that he used in his experiments. Professor of Organic Chemistry Elias J. Corey, who taught Lam, said that such a conclusion, if confirmed, would be "very strange" because the compound would have to be ingested to enter the bloodstream.

Corey said that he had heard suggestions that Lam might have suffered a stroke. "A deep down medical problem is the only explanation that makes sense to me," he said.

Friends of Lam said that he was "extremely kind and gentle."

[The Crimson, Aug. 8]

Betas lease Dartmouth house

Trustees of the Beta Theta Pi fraternity rejected Dartmouth College's bid to lease the groups now-vacant house.

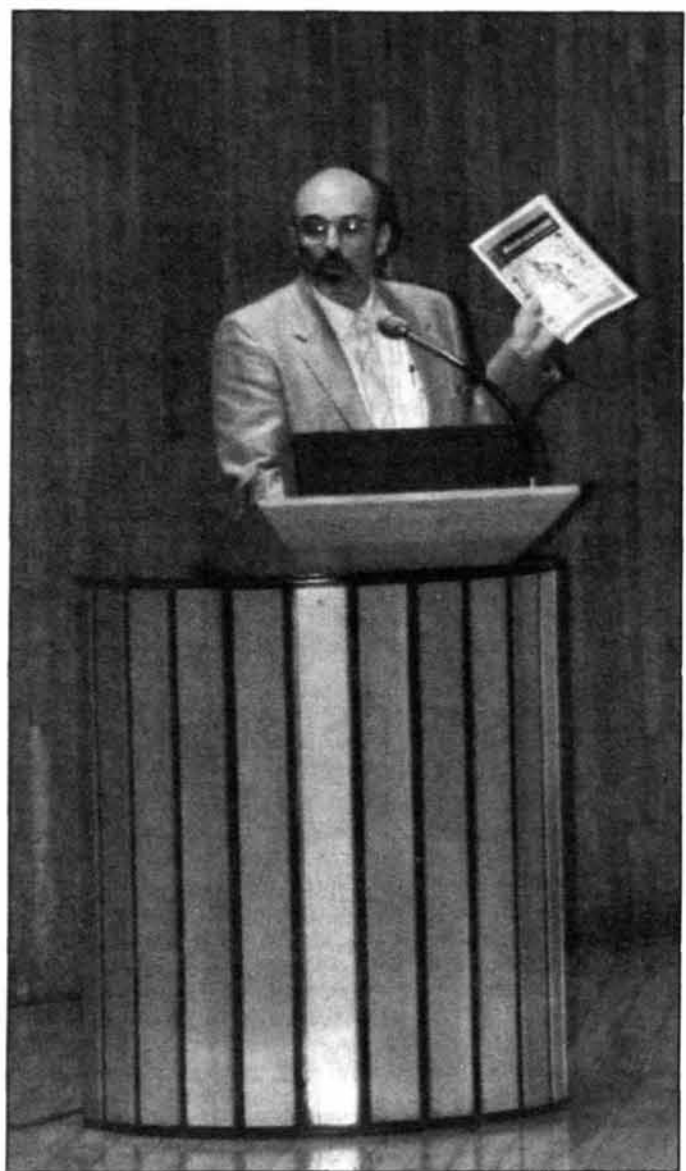
Eight months ago Dartmouth College derecognized Beta Theta Pi, citing violations of an earlier agreement prohibiting the use of alcohol and chasing and attacking a member of another fraternity.

The Beta house has been vacant since December. It is slated to re-open during the winter after renovations being done now are completed.

Several months ago the Beta alumni corporation invited several parties, including Dartmouth, to lease the house. A Beta spokesman previously told The Dartmouth that the Beta corporation decided to lease the house because maintaining the house had become a financial drain.

Lee Pelton, the dean of the college, said that Dartmouth had offered to lease the house but that the offer had been rejected. Pelton said in December that if the Beta corporation offered to sell the house, the College would attempt to buy it.

A spokesman for the Beta alumni corporation said that the corporation is not planning to sell the house. The lease will be temporary until the Trustees and Dartmouth can find a way to reinstate Beta, the



GREG KUHNEN—THE TECH

Professor Peter Child explains the HASS requirements to freshmen during the Core Blitz in Kresge Auditorium yesterday morning.

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HOW TO USE THE BATHROOM.

You're probably saying to yourself, any four-year-old knows how to use the bathroom. But you may not know that you use more water in the bathroom than anywhere else in your home. In fact, between the toilet, the shower and the sink you can use up to 55 gallons a day.

Now, we're not saying you should stop taking showers or brushing your teeth. We're just suggesting some simple bathroom training. For instance, when you're brushing your teeth, turn off the water. Do the same when you're shaving. And just because your shower sounds like an opera hall, don't feel the need to sing one. Shorter songs make for shorter showers. And for the biggest culprit of them all, the toilet, try putting a weighted jug in the tank. It will help save water every time you flush. Plus, don't forget to turn out the lights when you leave. You'll be helping to conserve electricity.

You could end up using 30 to 60% less water by using a low-flow shower head.

Multiply that by the number of homes in the world, and that's a lot of natural resources going down the drain.

Save up to 15% more water by installing a weighted jug in your toilet tank.

And oh yeah, if you don't think you'll remember these things, take this newspaper with you the next time you go.

FOR MORE INFORMATION AND TIPS CALL 1-800-MY-SHARE.

Turning off your water while shaving or brushing your teeth can save 2 gallons of water each time.

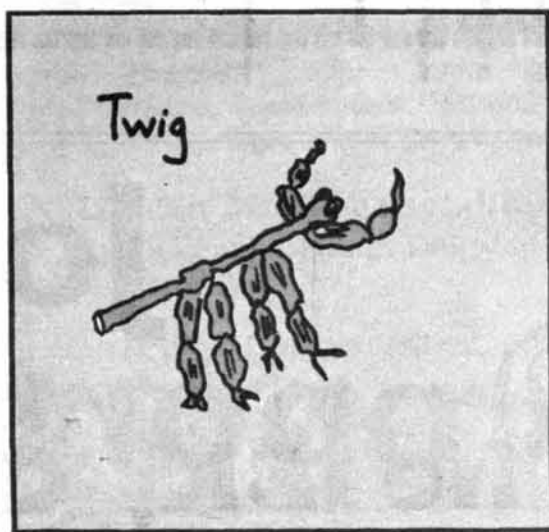
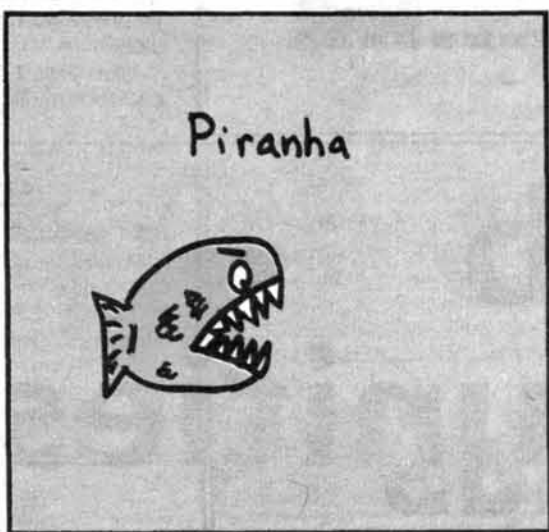
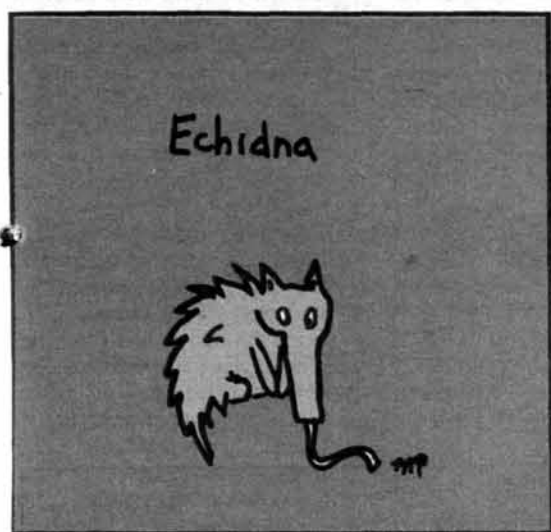
IT'S A CONNECTED WORLD. DO YOUR SHARE.



C O M I C S

August 28, 1997 • Page 7

Dammed for
Life by Jessica



Noun Poetry
by Katy-Cat

RHINO MAN

Recap (First printed 5/9/97)

by Zachary Emig

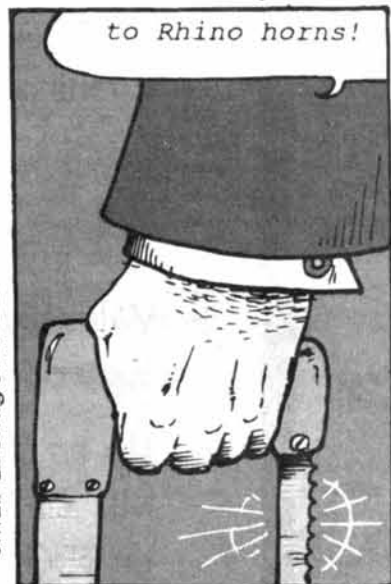
Slowly, Rhino-Man succumbs to the effects of the drugs...



My employer is a collector of rarities. His trophy room truly is one of the best stocked in the world. He has it all: From tiger fur to elephant tusks...



to Rhino horns!



You... you can't



To be continued...

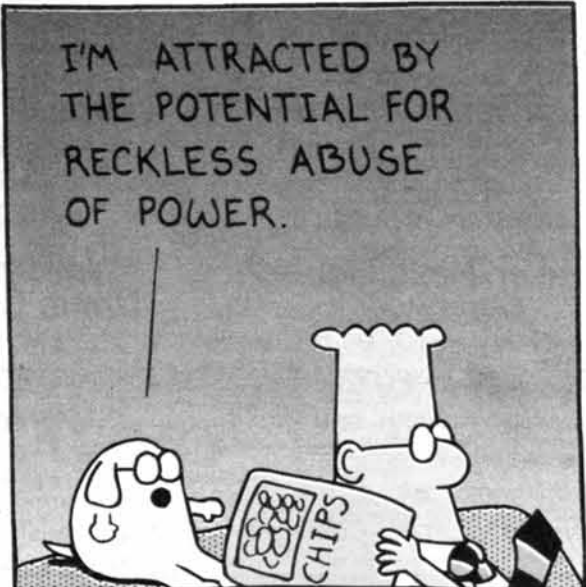
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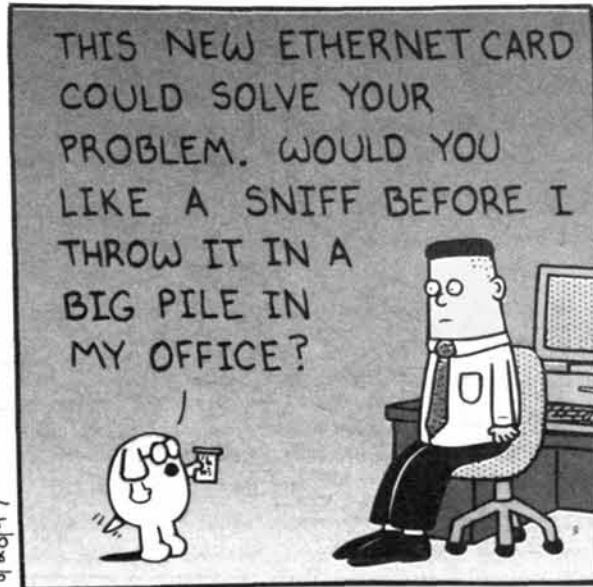
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Slow Rush Crowds 150 into Dormitories

Lottery, from Page 1

expected due to a slow rush at fraternities, sororities, and independent living groups.

Rush is "a little slow," said Neal H. Dorow, assistant dean for Residence and Campus Activities and advisor to FSILGs.

"I'm still optimistic that we'll be in the range where we want to be when Rush is over," Dorow said. Rush will conclude tomorrow evening, he said.

If the number of crowded rooms stays at 150, many singles in East Campus will be doubles, and doubles in Baker House, New House and Next House will be triples.

However, Bernard expects the level of crowding to decrease somewhat following the end of the lottery. "I'm sure there are people who play their bid," he said. They're waiting for the results of the lottery, he said.

MacGregor, McCormick favorites

The traditionally oversubscribed dormitories McCormick Hall and MacGregor House were again the most overcrowded dormitories this year.

This year, 1.59 students requested McCormick Hall as their first

choice for every slot available in the dormitory. In the least requested dorm, East Campus, 0.35 students requested the dormitory for every slot open.

Only four dormitories were over-subscribed this year compared with five last year.

Over the last few years, demand for single-sex McCormick Hall has dwindled. This year 100 students ranked it first, compared to 225 two years ago. The total number of females in the freshmen class has not changed significantly during this time.

Lottery runs smoothly

Even with the change to the new optimization scheme, the lottery program ran extremely smoothly, Bernard said.

Beginning at around 8:30 a.m. yesterday, the program was run about 10 times, with different parameters "to get the best results possible."

Initially, some freshmen were being assigned to their fifth choice dormitories, but this was eliminated by changing the numbers passed to the program, Bernard said.

Almost all freshmen receiving lottery assignments were placed through the lottery, including those seeking assignments with a roommate and those with medical concerns. "We try to make very few manual changes," Bernard said.

Except for language houses, current residents of particular dormitories have no say in the process. "It's a pure lottery," Bernard said.

Once the lottery had completed running, it was transferred back into the froshpref program on Athena and released at approximately 4:30 p.m., said Andy Oakland, a programmer for Information Systems who coordinates the running of the lottery on Athena.

Unlike other Athena-based lotteries, the housing lottery program also e-mails the results to freshmen. The goal of the response system was "to make it as easy as possible to get their assignments," Oakland said.

Few complain about assignments

The number of students complaining about their housing results and requesting a house changes was "an order of magnitude" smaller than last year, said Associate Dean for RCA Andrew M. Eisenmann '70.


As of 6:30 p.m. yesterday, only three requests for house changes had been received by RCA compared with several dozen a year ago, Bernard said.

In the event that freshmen do not like their housing selection they can fill out a house-to-house transfer request form, Bernard said.

However, "the one thing we really ask people to do is to stay in their assignment for a week," because those assigned to a lower choice often end up enjoying their assignment after meeting the people there, Bernard said.

Most students expressed happiness with the lottery. "I'm glad my friend got into McCormick because we can get in there and visit," said Eugene Chio '01.

Others weren't as happy. "I like MacGregor, but I got Burton-Conner instead," said Wai Kit Kah '01.



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253-2182
jkroll@mit.edu

Lobdell Food Court
Margaret Derby
253-0132
meal@mit.edu

**Walker/Pritchett/
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*to apply see location manager or email meal@mit.edu



LITTLE BY LITTLE,
OUR WATERS ARE LOOKING
LESS LIKE ART
AND MORE LIKE TRASH.

CLEAN WATER.
IF WE ALL DO A LITTLE, WE CAN DO A LOT.

AN DC Ad AC EPA

This space donated by *The Tech*

Scores Improve on Math Diagnostic

Exams, from Page 1

sometimes run into problems. Their old professors may be on leave, Perelman said, making it difficult to contact them.

"It's educationally much more appropriate and much more useful to [submit papers] right now," Perelman said.

In addition to these options, MIT also offers courses during Independent Activities Period that help students satisfy the requirement. Six unit courses designed specifically to allow students to pass the Phase One requirement may also be created in the future, Perelman said.

Students fare better in math exam

This year's freshmen improved significantly on the math diagnostic. A total of 800 students, 75 percent of the incoming class, passed the exam, up from last year's figure of 719 students, or 68 percent of the class, said Associate Dean of Undergraduate Academic Affairs Peggy S. Enders. Both classes had 1060 freshmen. The average score on the test also rose this year, going from 76 to 80, she said. "Students did better this year than last year," she said.

Most students who scored inadequately got fewer than 70 points out of 100, Enders said. However, a few students who scored a 70 or better were determined to have performed inadequately because they showed weakness on two separate sections of the test. A score lower than 15 out of the 25 possible on a certain section triggered an indication of weakness in that subject, Enders said.

One possible reason for the bet-

ter performance of this year's freshmen may have been the absence of a time taken statistic, which may have encouraged past years' test-takers to rush through the examination neglecting accuracy, Enders said.

"Students didn't get the impression they were being clocked," Enders said.

In addition, the physics problems given to last year's class at the end of the diagnostic as a pilot project for a physics examination were taken out.

"That could have taken some of the pressure off some of the students as well," Enders said.

Students who do poorly were advised to attend Math Review Nights starting September 3, Enders said.

Students who score lower than 55 on the math diagnostic are also advised to register for 8.01L, the version of Physics I that extends through the Independent Activities Period, Enders said.

Students who know now that they might benefit from taking the longer version 8.01 are encouraged to enroll in 8.01L now instead of switching from 8.01 to 8.01L later in the term, said George S. F. Stephans, research scientist and the instructor for 8.01L.

The first few weeks of the course are spent reinforcing basic concepts from math and physics, Stephans said. Those who switch into 8.01L later on miss the lectures on these important concepts, Stephans said.

Students who opt to take 8.01L get credit for 8.01. The course does not appear differently on their transcripts, Stephans said.

MIT Music Department Auditions

MIT Brass Ensemble / Brass Quintets

Rehearsals: Tuesday & Thursday, 5pm - 7pm, Killian Hall. Auditions: Thursday, September 4, 5pm. Prepared solo and sight-reading required.

MIT Chamber Music Society

First meeting & auditions: Tuesday, September 2, 7pm, Killian Hall. Prepared solo required of new members.

MIT Concert Band

Rehearsals: Monday & Wednesday, 8pm - 10pm, Kresge. First Meeting: Wednesday, September 3, 8pm. Read through Concert Band literature and group auditions.

MIT Concert Choir

Rehearsals: Monday & Thursday, 6pm - 8:30pm, Room 2-190. Auditions: Thursday, September 4, 6pm. Group auditions, no solo required.

MIT Chamber Chorus

Rehearsals: Monday & Wednesday 11am - 12:30pm, Killian Hall. Auditions: Wednesday, September 3, 11am. Prepared solo and sight-reading required.

MIT Festival Jazz Ensemble

Rehearsals: Sunday, 7pm - 11pm & Wednesday, 5:30pm - 7:30pm, Kresge. Auditions & audition sign-up: Wednesday, September 3, 5:30pm. Improvisation preferred, sight-reading from jazz book required.

MIT Symphony Orchestra

Rehearsals: Tuesday & Thursday, 7:30pm - 10pm, Kresge. First meeting: Thursday, September 4, 7:30pm. Read through symphonic literature and audition sign up.

MITCAN African Music Ensemble

Rehearsals: Thursday, 7pm - 10pm. First meeting: Thursday, September 4, World Music Center, N52, 7pm.

FOR MORE INFORMATION CONTACT THE CONCERTS OFFICE AT 253-2826.



MIT Dining Presents



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Granary

The Granary offers exciting recipes from the grain, legume, potato, and greens families and prepares them to order in a fresh contemporary style that emphasizes wholesome & vegetarian cuisines from around the world.

Fresh Flavors of Asia

All our entrees are prepared to order and served in Pan Asian "big bowl" styles. We offer a blend of traditional and new-wave Asian cuisines using only the freshest and most authentic ingredients to capture the essence of Asian flavors.

Networks

Flatbreads

Designed to fit the tastes of the individual, we offer a delicious selection of new-wave flatbread pizzas that use only the freshest authentic toppings, and bake them to order on flavorful Mediterranean flatbreads.

Pita Wraps

We offer a cultural blend of made-to-order Wraps using regional flavors and the season's finest garden ingredients and wrap them in flavorful pita flatbreads for the perfect hand-held meal that goes anywhere!

Fresh Tossed Salads

Our fresh tossed specialty salads are prepared-to-order from a seasonal selection of garden fresh ingredients, grilled meats, grains, pastas, and herb infused vinaigrettes.

Panini

Our Panini are prepared from a selection of cured meats, aged cheese, vinaigrettes, herb mustards, and garden greens to create layers of flavors and freshness in every bite.

Walker

Fresh Flavors of Asia

All our entrees are prepared to order and served in Pan Asian "big bowl" styles. We offer a blend of traditional and new-wave Asian cuisines using only the freshest and most authentic ingredients to capture the essence of Asian flavors.

Next House

Pasta Kitchen

The inspiration for our recipes stems from our passion for pasta. Each dish is designed to fit the tasted of the individual, and are made fresh-to-order, capturing the essence of Mediterranean regions.

The Dome Cafe

Euro Bistro

Our bakery is the heart of our business. Inspired by old-world European bakeries, our menu features fresh-baked daily items as crusty breads, delectable pastries, tortes, & cakes, and specialty items.

Fresh Juice Bar

Juicing is our specialty! Our beverages are fresh-squeezed or blended-to-order with bananas, berries, apples, carrots, yogurts, fresh squeezed citrus, and more! Get set for life...drink fresh squeezed everyday!

Panini

Our Panini are prepared from a selection of cured meats, aged cheese, vinaigrettes, herb mustards, and garden greens to create layers of flavors and freshness in every bite.

Refresher Course

Pita Wraps

We offer a cultural blend of made-to-order Wraps using regional flavors and the season's finest garden ingredients and wrap them in flavorful pita flatbreads for the perfect hand-held meal that goes anywhere!

TONIGHT

FRIENDSHIP IN THE AGE OF AIDS

Two fraternity men...
Two good friends...

They never thought
HIV happened to people
like them.

Until one of them became
HIV positive.

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like this.

It's comedy. It's real-life.
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It's about sex.
It's about helping friends.



T.J. Sullivan and Joel Goldman

Thursday, August 28, 1997

7:00 PM

Kresge Auditorium

Presented by the
MIT Interfraternity Council,
with special thanks to:
The Peter De Florez Fund and
MIT Dining Services/Burger King

An IFC **Stars of Education Program**

The Daily Confusion Thursday, August 28, 1997

Residence

All day: **pika**. pika: we must be doing something crazy. no, we don't know what exactly we'll be doing a week in advance. but it'll be wacky and fun, we'll even give you a free ride over to join the madness. 492-6983.*

2:00p: **New House**. OKAY, MOVE IN! Lug your bag over and come to in-house rush.*

3:00p: **New House**. Come figure out where in new house you want to live! We have cool stuff for you to do, too...*

4:00p: **New House**. are you here yet? move in to new house and experience in-house rush— have fun!*

5:00p: **New House**. we'll help you move your stuff if you give us a call @ 3-6561— then you can do the in-house rush thing. We have neat things planned for you!*

6:00p: **New House**. It's about time you drag your stuff over here and have some fun! need help moving? call desk @3-6561.*

7:00p: **New House**. ...you better hurry and meet the people of new house! we've got lots of stuff for you to do, but you can just crash on a couch if you like...*

8:00p: **New House**. in-house-rush is still going... we're waiting for you! call 3-6561 if you need help moving stuff.*

Activities

All day: **United Christian R/O**. Free Bibles! Great conversation! **United Christian Book Table**, in the Student Center Lobby.*

All day: **MIT-Muses**. Think about auditioning for the **MIT Muses**. MIT's only all women's a cappella group! Call Amy at x5-8512 or email muses@mit.edu to sign up!*

All day: **The Tech**. Come watch and learn how to put together The Tech, MIT's oldest and largest newspaper. Be the first to read tomorrow's Tech. Fourth floor of the Student Center, Room 483.*

09:03a: **Coffee House**. It's Thursday morning...we're all in the Coffeehouse wishing you were here too.*

10:00a: **United Christian R/O**. Lounge with other Christians at the **United Christian R/O Christian Fellowship Lounge** in W11-080.*

12:00p: **Cross Products**. Cross Products, MIT's co-ed Christian a cappella group, is holding auditions from noon to 4pm again today! Did you email Bryan (bcblue@mit.edu) or call Tony (225-9815) to schedule a time, or visit us at Activities Midway? God bless!*

12:00p: **The Tech**. Come eat free food at The Tech and watch how MIT's oldest and largest

newspaper is planned out and put together. Fourth floor of the Student Center, Room 483.*

5:00p: **Hillel**. Trip: Chinese Dining, bring your wallet, departs from Hillel(W11)*

7:30p: **Assassins' Guild**. Aliens! Betrayal! A Filmy Excuse to Shoot People! Show up on the first floor bldg 36 Friday night to play Alien Conspiracy-ctm MAHK- Bring your disc guns if you have them.*

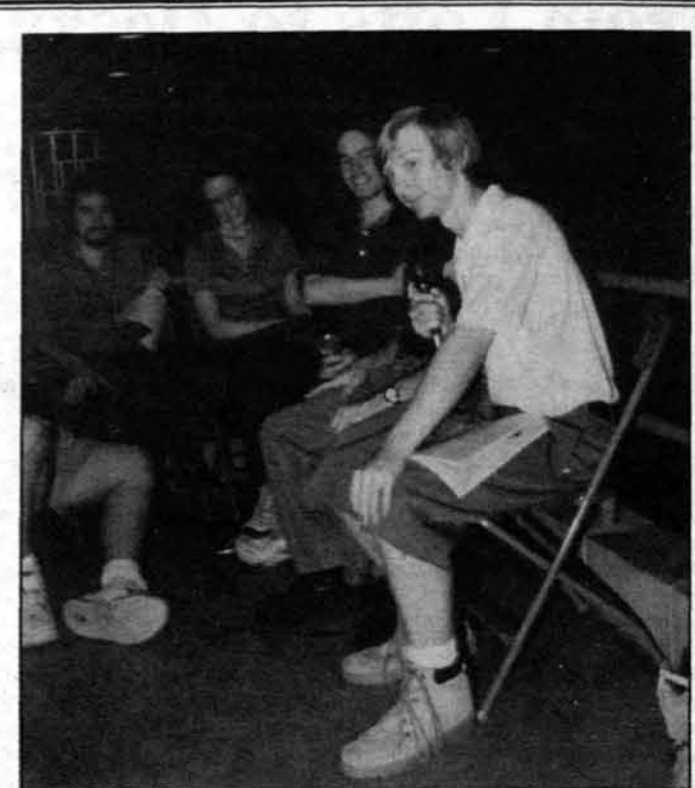
8:00p: **The Tech**. Come watch The Tech's production department put together tomorrow's issue. See what goes into laying out MIT's oldest and largest newspaper, and read tomorrow's Tech before your friends do. Fourth floor of the Student Center, Room 483.*

10:37a: **Coffee House**. The big dance is about to start! The Coffeehouse loves a good party...so help us celebrate. Dance all night and crash at the Coffeehouse.*

In case of emergency, dial 100 from any MIT phone. Other important numbers: Campus Police: 253-1212 Med Center Emergency: 253-1311 R/O Center: 253-2500 UAA: 253-6772 Nightline: 253-8800 Delta Psi or St. Anthony Hall: please see No.6

The Daily Confusion
Editors: Chiuyi Chan, Kelly Chan, Wesley Chan

NOTE: A single asterisk (*) following a listing indicates a coed or female living group. A double asterisk (**) indicates an activity to which women are cordially invited.



GREG KUHNEN—THE TECH
Robbie J. Buckingham '00 is interviewed by the Student Cable Group at the Activities Midway Tuesday evening.

The *Daily Confusion* printed here is missing many events due to an R/O Committee error. Additional events are listed in an addendum, but this list is neither complete nor accurate.



The Tech went on line in 1993, making it one of the first 100 Web sites on the Internet and the first newspaper on the Web.



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