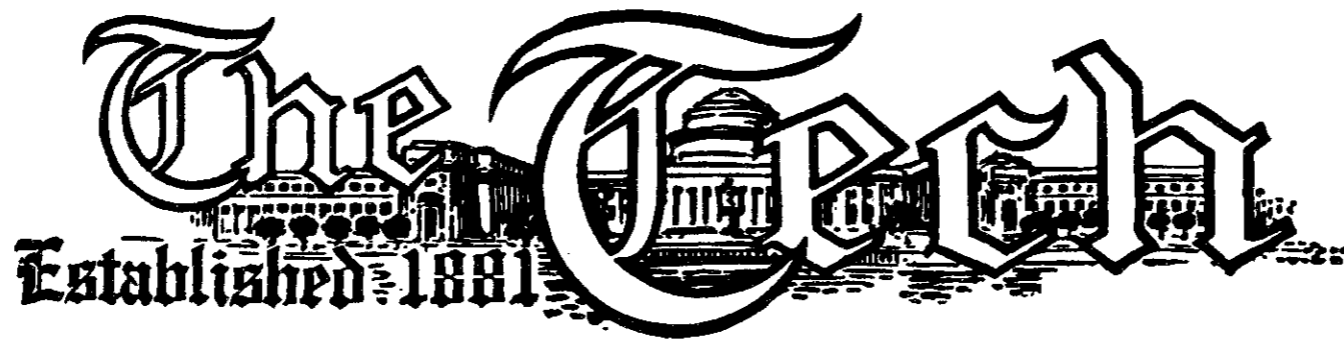


Add Date Today!

MIT's
Oldest and Largest
Newspaper

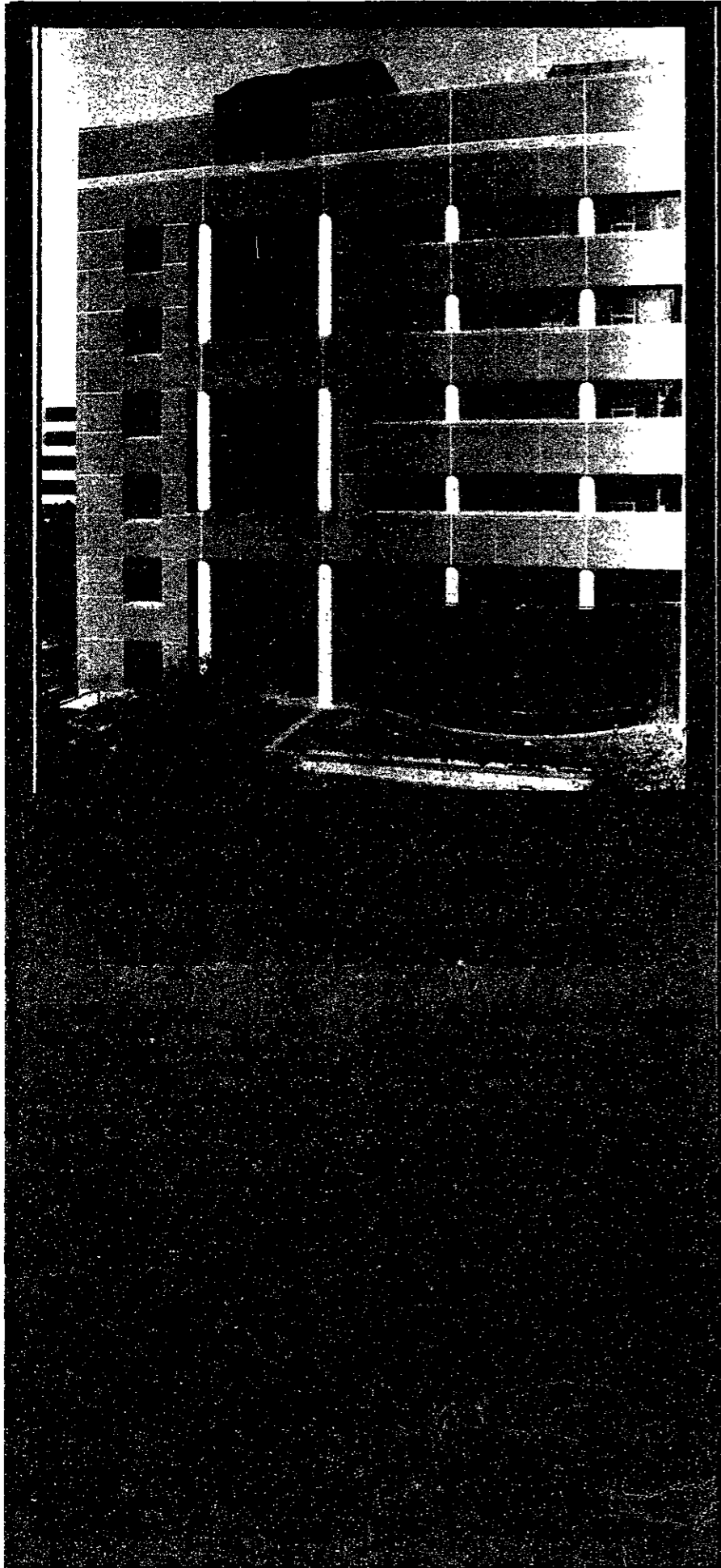


The Weather
Today: Cloudy, 68°F (20°C)
Tonight: Heavy rain, 58°F (14°C)
Tomorrow: Rain ending, 70°F (21°C)
Details, Page 2

Volume 112, Number 48

Cambridge, Massachusetts 02139

Friday, October 9, 1992



Crowding Causes Rent Uproar

By Michael A. Sagnaw
STAFF REPORTER

After settling in a crowded double in New House 5, Dennis A. Burianek '96 now must move into a space which has opened up in that house or pay rent as though he were living in an uncrowded room.

This is part of an effort by the Office of the Dean for Undergraduate Education and Student Affairs to return "some crowded rooms to normal capacity," according to a memo from Eliot S. Levitt '89, a staff assistant in ODUESA.

In past years, if a room was selected to decrowd, one resident had to move. This year, however, students have the option of staying in a crowded room and paying the full price of an uncrowded room if they want. The intent of the new policy is that students should not have to decrowd in the middle of the term if they do not want to.

When space in Room 207 of House 5 became available, all crowded residents of New House

were asked if they wanted to decrowd. No one volunteered. MIT policy states that if a dormitory does not have a valid method of selecting who must decrowd, then every student in the house has to pay full rent.

Based on this policy, Levitt decided that New House residents would be billed for uncrowded rent even if they were occupying a crowded room. Shortly after, Levitt learned that New House had a valid method of decrowding selection.

Vjekoslav Svilar '95, the New House room assignment chair, ran a lottery to pick a new roommate for Marc Choudari '95, who lives alone in Room 207. Svilar considered the nine freshman males who are living in crowded rooms in New House 5 and randomly chose Burianek to decrowd. "Only people from New House 5 were in the lottery. People are supposed to go by the rules of a particular house here," Svilar said. Burianek's two roommates are Luiz A. Ortiz '96 and Shawn K. Kelly '96.

Burianek was upset because he is very sensitive to smoke and Choudari smokes. Although he doesn't smoke in the room, burianek says he can still smell the smoke on Choudari's clothes. "I get sick if I'm around smoke," Burianek said.

In addition, Burianek did not want to have to pay the higher rent of an uncrowded room, so he worked out a plan in which he would stay in his crowded double and all nine freshmen males in crowded rooms would pay a little bit extra.

Levitt said this was unacceptable because "We can't make a policy that says that every time a room opens up, everybody's rent changes."

Burianek said he will probably remain in his crowded room. He and his roommates will pay uncrowded rent, he said. This situation means that four students living in two doubles are paying uncrowded rents, although three live in one room and only one occupies the other.

Public Art Debate Continues

By Eric Richard
ASSOCIATE NEWS EDITOR

Thursday evening marked the second stage of a four-part discussion among students, the Office of the Arts, and Cambridge artist Mags Harries regarding the Student Center Public Art Project.

The discussion was focused around what students felt was important about the Student Center, in hopes of helping Harries to understand what students would like to see in an art project and where they think it should be.

As in the first meeting, the coordinators were discouraged by the low turnout. "We have a little problem here," said Maureen Costello, director of special programs for the Office of the Arts. "We really do need more voices represented here. . . One of the sometimes magical,

sometimes difficult, sometimes wonderful, and sometimes troubling aspects of a project like this is that a large amount of discussion has to go on."

Costello opened the discussion by asking, "What is disturbing, what is provocative, what is evocative, what is positive, and what is negative about the Student Center?"

Discussion centered on where in

the Student Center the art should be placed, since each floor was described as having a different persona.

"The Student Center is an intermingling of very different types of light and dark places," said David A. Maltz '93. "If [the art] is placed

Art, Page 14

Ombudsmen Address Variety of Problems

By Eva Moy
NEWS EDITOR

Mary Rowe, one of MIT's two ombudsmen, spoke to the Association of MIT Alumnae on Sunday about how complaints and grievances are handled at MIT. AMITA, which addresses issues of particular concern to women students, "felt it was really important for other women students to know who Mary is and [that she] is available to help with difficult problems," especially sexual harassment issues, said President Christina H. Jansen '63.

Jansen said she was "very pleased with the student attendance," which included about 75

undergraduate and graduate women.

The ombudsmen are one of many formal and informal complaint channels at MIT. Rowe and her colleague Clarence G. Williams work as "impartial complaint-handlers who are charged to take into account the rights of every person who may be involved in any given case or concern, and also the welfare of the Institute," according to a description written by the pair.

"Ombudsmen have no power to make or change or set aside administrative decisions or MIT policy... [but] may serve as shuttle diplomats, or mediators, and can help to

Rowe, Page 13

MSA Offers Haven for Muslims

By Edward M. Grauman

In a secular society like ours, religious students may feel lost when entering the diverse and unfamiliar environment of college. This holds true for a number of Muslim students, many of whom lead active religious lives. The Muslim Students' Association is expressly devoted to bringing these students together in a religious and social context.

The MSA tries "to bring the Muslims at MIT together as a community, and to help them practice

Islam if they wish," according to MSA President Hisham A. Hasanein G. The group also tries to make Islam better understood within MIT. These goals are accomplished through weekly prayer meetings, various social events, and occasional fund raisers, Hasanein said.

Activity Profile

MSA members represent countries from around the world, including Pakistan, Egypt, India, Indonesia, South Africa, and the United States, according to Hasanein. The meetings are conducted in English, although members are free to speak among themselves in their mother tongues, he added.

"We have a very diverse background," Hasanein said. "As president of a society like this, you have to be careful not to offend people of different cultural backgrounds."

The MSA has undergone rapid growth and change in the past two

years, according to Hasanein. Two years ago it changed its name from the MIT Islamic Society so it would be identified with the MSA of America, although there was no actual affiliation between the groups, Hasanein said. At that time, the MSA was a relatively small group. Since then, it has expanded to include over 100 members, he added.

The group is governed by an executive committee consisting of a president, vice president, secretary, treasurer, social coordinator, public relations officer, Da'awa coordinator, and Mesjid officer, according to Hasanein. The Da'awa coordinator is involved in MIT community outreach — he spreads the message of Islam and gets people to the meetings. The Mesjid officer takes care of the prayer room, which is located in the basement of Ashdown House.

The MSA conducts a Friday prayer in which a student member gives a sermon, Hasanein said. These meetings are open to anyone of the Muslim faith and are often attended by people outside the MIT

MSA, Page 14



INSIDE

■ ILP encourages ties between MIT and industry. Page 9

■ Education Outreach joins MIT, Cambridge students. Page 13

WORLD & NATION

West Indian Wins Literature Nobel

LOS ANGELES TIMES

BROOKLINE

Derek Walcott, a West Indian poet whose ancestors were slaves, won the 1992 Nobel Prize for Literature Thursday, marking the first time the award has gone to a Caribbean writer.

Called a modern-day Homer by some critics, the 62-year-old poet was honored for an extensive body of work that blends African, West Indian and European cultural traditions in a rich, evocative voice.

"In him, West Indian culture has found its great poet," said the Swedish Academy of Letters in awarding the \$1.2 million prize. The academy praised Walcott for his "melodious and sensitive" style that shows "singular luster and great force."

Although his work is not widely known in the mass marketplace, Walcott's reputation in international poetry circles has been golden for several decades. Joseph Brodsky, the 1987 Nobel literature laureate, recently called him "the best poet the English language has today."

Walcott's most recent book is "Omeros," a 64-chapter Caribbean epic that blends elements of the Odysseus legend and the turbulent West Indian world. Although the poet said he was greatly honored by the prize, he suggested that his people and their culture are the real winners.

Study Reports Increase In Poverty Among Whites

THE WASHINGTON POST

WASHINGTON

Poverty in the United States has increased fastest among non-Hispanic whites in recent years, according to a study released Thursday.

The study by the Center on Budget and Policy Priorities, a liberal think tank, said 17.7 million non-Hispanic whites in 1991 had incomes below the government's official poverty line, compared to 10.2 million blacks and 6.3 million people of Hispanic origin. In 1991, the poverty line for a family of four was \$13,924 in income.

"Poverty debates in this country frequently become ensnared in controversies about race and ethnicity. But poverty is not confined to minorities," said Isaac Shapiro, the study's principal author.

Even in metropolitan areas, the report said, non-Hispanic whites are the largest single bloc of poor, 43 percent. In rural areas, seven of every 10 poor people are non-Hispanic whites.

Shapiro noted that even though the absolute number of poor non-Hispanic whites is far larger than either blacks or Hispanics, the proportion of non-Hispanic whites who are poor is 9.4 percent, still only about a third the proportion among blacks and Hispanics.

Gorbachev Suffers Indignity Of Pushing His Way Past Police

LOS ANGELES TIMES

MOSCOW

When will the indignities end for former Soviet President Mikhail S. Gorbachev? He has lost his limousine, passport and the luxurious office complex that housed his think-tank. And on Thursday, the Nobel Peace Prize laureate and former Kremlin chief had to shove through a cordon of police to get to his desk to read an eviction notice.

"If this government calls itself democratic and this president calls himself the people's president, how can this be?" Gorbachev asked at a news conference, perhaps the last he will hold in the sprawling headquarters of the Gorbachev Foundation.

On Wednesday, Russian President Boris N. Yeltsin ordered the foundation ousted from its government digs, a decree that police gathered to enforce on Thursday.

"We are being closed, as if we were a spy nest," Gorbachev said, bitterly recounting how police blocked his offices' gates and seized all equipment and accounts early Thursday.

Feisty and defiant, Gorbachev stepped up his attacks on longtime rival Yeltsin, threatening to take the Russian government to court for stripping him of his right to travel in an action taken last week. After Gorbachev ignored a summons to testify about his leadership of the Communist Party from 1985 to 1991, Russia's Constitutional Court last week asked the government to keep him from leaving the country.

"On what grounds was my trip canceled?" he asked, pounding the table with a clenched fist. "Under what laws?"

The scene bore no small traces of irony, for Gorbachev, as president, had followed a Soviet practice of limiting foreign travel and emigration for almost all citizens. However, he relaxed those restrictions, allowing millions to travel more freely.

WEATHER

Rainy Weekend

By Yeh-Kal Tung
STAFF METEOROLOGIST

A large cyclonic low pressure cell located in the center of the country is slowly going to move our way. Cloudiness and rain associated with this system will be the story for Friday and Saturday. There is a chance of clearing skies Sunday, thus salvaging at least one of the two weekend days.

Today: Cloudy. High 68°F (20°C). Southwest wind 15-20 mph (24-32 kph).

Tonight: Rain starting in the evening, heavy at times. Low 58°F (14°C).

Tomorrow: Light rain continuing in the morning, ending by afternoon. High 70°F (21°C). Low 53°F (12°C).

Sunday: Clearing skies. High 69°F (21°C).

Bush Vows to Say More about Clinton's College-Era Conduct

By Douglas Jehl

LOS ANGELES TIMES

NEW ORLEANS

With time running out in his bid for re-election, President Bush said Thursday that he would have "more to say" about Bill Clinton's involvement in anti-war demonstrations and his 1969 trip to Moscow, a sign that a bitter campaign could take an even more negative turn.

Only hours after Bush questioned Clinton's youthful patriotism by calling attention to his conduct while a graduate student at Oxford University, the president told reporters in Houston: "I thought I expressed what was in my heart last night pretty well."

Bush said on CNN's "Larry King Live" that Clinton was "wrong" to demonstrate against the war while overseas, and implied that there could have been something sinister about the visit to Moscow. At the same time, Bush admitted, "I don't have the facts."

The president's top aides quickly took up the cudgel Thursday, accusing the Arkansas governor of being less than candid in describing the episodes. "It's another vintage Clinton," deputy campaign manager Mary Matalin said. "It's pathological deception."

And Vice President Dan Quayle said in a St. Louis television interview Thursday that if Clinton "organized an anti-American demonstration on foreign soil, he ought to apologize."

With the candidates due to square off Sunday in the first of a series of intensive debates crucial to his comeback hopes, the new flurry of Bush team assaults offered a preview of what are likely to be face-to-face attacks aimed at Clinton's character and conduct.

By using a live television appearance Wednesday night to depict Clinton as a young man sympathetic to Moscow at the height of the Vietnam War, Bush has added to a wild-swinging repertoire that in recent days has also seen him raise questions about his rival's avoidance of the draft, his 1986 meeting with an Iraqi official in his role as Arkansas governor, and his youthful experimentation with marijuana.

All are issues of which the Bush campaign has been aware for months; at a rally in Orange County, Calif., last month, Rep. Robert K. Dornan (R-Calif.) even used a speech introducing Bush to accuse Clinton of spending his student days chanting anti-Vietnam War and pro-Viet Cong chants.

At the time, White House aides took pains to avoid appearing in alliance with Dornan's attacks. But now, eight months after Bush told an interviewer he would do "what I have to do to be re-elected," he and his strategists appear to have concluded that there is little to lose by raising questions from which they had previously shied away.

That decision can be seen in the map-hopping course Bush is taking in the days before heading to St. Louis Sunday for the first of three presidential debates.

While Clinton has holed up with aides in a Kansas City, Mo., hotel to prep for the debate, Bush has chosen to keep campaigning until Friday night, pressing his assault in the hope that he can land a blow.

Bush's questions about Clinton's conduct during the Vietnam War seemed to conflict with his own inaugural address four years ago, when he asked the nation to put the controversy behind.

In his address four years ago, he suggested that "the statute of limitations" had passed and that the war's "final lesson" was "that no great nation can long afford to be sundered by that memory."

Focus on Clinton Raises Questions About Bush Campaign Character

By Dan Balz

THE WASHINGTON POST

WASHINGTON

For months, aides to President Bush have tried to make character the central issue of the presidential campaign. But in attempting to

focus attention to Bill Clinton's

1969 trip to Moscow during the Vietnam War, Bush has raised potentially damaging questions about the character of his own campaign.

Vietnam has stalked Clinton since early last winter, when discrepancies in his draft record and his conflicting statements on the subject nearly tripped up his candidacy before the first votes were cast. Just beneath the surface of the controversy over Clinton were some old antagonisms and arguments over the war that still remain unresolved.

Republicans have attempted to revive and expand the draft issue this fall, as a surrogate for questions about Clinton's character and credibility. But it was not until this week that they moved the issue to a different level by invoking the old specter of anti-communist suspicion and innuendo that marked American politics of an earlier era.

Aides to Bush tried to back away from suggestions that they were attempting to bait Clinton about communist ties as a student war protester, but they insisted Clinton was not telling the full story of his involvement in opposing the war. Clinton advisers, who struggled all week to deflect an issue that was lurking on the edges of the campaign, appeared relieved that Bush's comments on "Larry King Live" had given them the vehicle for fighting back.

Democrats like Sen. Bill Bradley (D-N.J.) Thursday denounced Bush for McCarthyism and "red-baiting," phrases that seemed almost ironic coming more than a year after the collapse of communism. Privately, Republicans groaned that Bush and his campaign appeared so desperate that they were trying to portray Clinton as a communist dupe to win

the election.

What provoked Bush to step into the issue personally remains a mystery. Perhaps it is combination of his inability all fall to crack Clinton's lead in the polls and — when he attacks Clinton for demonstrating against his country's policy on foreign soil — his own beliefs about patriotism and Vietnam. He told reporters Thursday morning he was saying something that was "on his heart."

In 1988, Bush showed that there was a difference between his personality as a candidate and the personality he adapted once the campaign was over. He demonstrated a willingness to engage in slashing tactics against Michael Dukakis but once the campaign was over attempted to put that behind him by calling for reconciliation. Once again, the country sees the contrast between the two Bushes — one a patrician gentleman and the other a brawler who said at the beginning of the year he would do whatever it takes to get elected.

The differences between Clinton and Bush on Vietnam are as stark as the fights between fathers and sons at the height of the war, as clear as the conflict between a World War II generation raised on duty, honor, country and the '60s generation whose opposition to Vietnam sometimes resulted in violent protest.

Bush's conflict with Clinton may be rooted in the fact that Clinton not only did not serve in the military, but engaged in anti-war protests, sometimes as an organizer of demonstrations while in England on a Rhodes scholarship.

"Maybe I'm old-fashioned, Larry," Bush told King Wednesday night. "But to go to a foreign country and demonstrate against your own country when your sons and daughters are dying halfway around the world — I'm sorry, I just don't like it. I think it is wrong. I think it is wrong to do that."

Clinton is hardly blameless in the controversy. It has taken much of the year for his draft history to dribble out, and he has given inconsistent statements about the degree

to which he was an organizer of anti-war protests in England.

In his now-famous 1969 letter to Col. Eugene Holmes, head of the ROTC program at the University of Arkansas, Clinton wrote that he had helped organize two demonstrations in England that fall. Thursday, he said the only organizing he did was to help put on a teach-in at the University of London. But throughout his campaign he has never suggested that he was anything other than a passionate opponent of American policy in Vietnam during the late 1960s.

Nonetheless, each inconsistency, whether on how he escaped the draft or how much involvement he had in the anti-war movement, has given the Bush campaign ammunition to hammer the Democratic nominee.

Prodded by such conservatives as Rep. Robert Dornan (R-Calif.), the Bush campaign is now attempting to portray Clinton as a major leader of the anti-war movement, with the suggestion that he had ties to international protest leaders and communists.

"Larry, I don't want to tell you what I really think because I don't have the facts. But to go to Moscow one year after Russia crushed Czechoslovakia, (and) not remember who you saw in Moscow. ... I'm just saying level with the American people on the draft, on whether he went to Moscow, how many demonstrations he led against his own country from a foreign soil. Level."

Clinton said Thursday he participated in no anti-war activities in either Moscow or Prague and visited Czechoslovakia to visit a family of a boy he had competed against in basketball.

It's unlikely that the gulf between Bush and Clinton on Vietnam can ever be resolved — each is in a way hostage to his own biography. Despite a sour economy and unpopular policies, Bush remains to many Americans a personally popular figure, and a kind and decent person. But the character issue has taken an unexpected turn and it is Bush, and not just Clinton, who must deal with it now.

Senate Approves Energy, Tax Bills

By Eric Planin
and Helen Dewar
THE WASHINGTON POST

WASHINGTON

The Senate Thursday approved a wide-ranging energy bill and a \$27 billion tax package that President Bush has threatened to veto as lawmakers pushed to complete the work of the 102nd Congress and return home to campaign.

The Senate also overwhelmingly approved a landmark change in western water policy that would limit sale of federally subsidized water to California farmers and divert some of it to cities, industries and wildlife habitats.

The energy bill, which Bush is expected to sign, was passed by voice after the Senate voted 84 to 8 to cut off a filibuster that held the measure up for days in a dispute over language to speed development of a nuclear waste dump in Nevada.

It would simplify licensing of nuclear power plants, require more

efficiency from everything from shower heads to heating plants, promote broader use of alternative-fuel vehicles, expand the government's Strategic Petroleum Reserve and require a variety of other steps to encourage energy development and conservation.

The tax bill contains an urban aid package, which was once touted as Washington's response to the Los Angeles riots and big-city problems. But the legislation evolved into an unwieldy conglomeration that has become hopelessly ensnared in presidential politics.

Last spring, Bush and congressional leaders pledged to work together to fashion a comprehensive package of assistance to troubled urban areas. But since then, the House and Senate loaded up the bill with scores of unrelated tax breaks and credits, while Bush gradually lost interest in the legislation.

While the bill essentially is a tax relief measure, including many of

"economic growth" initiatives the administration proposed, Congress is obliged under the 1990 budget agreement to finance tax cuts with offsetting tax increases or spending cuts. Boxed in by his recent campaign pledge to never "ever" again raise taxes and his attacks on Democratic nominee Bill Clinton as a big taxer and spender, the president has declared the revenue raisers in the bill as tax increases, and pledged to veto the bill when it reaches his desk.

The House narrowly passed the bill Tuesday, 208 to 202, and Thursday the bill appeared in trouble until 13 Republicans joined 47 Democrats to defeat a point of order raised by Sen. Hank Brown (R-Colo.) that would have killed the legislation.

The Senate then approved the bill, 67 to 22, with 44 Democrats and 23 Republicans voting for it, although Senate Minority Leader Robert J. Dole (R-Kan.) warned, "The bottom line is the president will not sign this bill."

Bush opposes a bill that contains many provisions that enjoy broad-based political support throughout the country, including 50 enterprise zones to encourage investment in urban and rural areas, tax breaks to stimulate the real estate industry, elimination of the luxury tax to boost the boat and private airplane industries, restoration of individual retirement account (IRA) benefits for middle- and upper-income taxpayers, and extension of a dozen other popular tax breaks, including those for low-income housing and research and development.

"Throughout this process we have worked assiduously to oblige what we believed to be the president's position," an exasperated Finance Committee Chairman Lloyd Bentsen (D-Texas) said. "We would have redoubled our efforts had he ever indicated what his position was going to be."

Some Democrats and Republicans complained Bush was following a double standard by condemning an urban aid-tax relief bill because of its offsetting "tax increases" while agreeing to sign an energy bill that also contained tax increases.

The cost of the energy bill is paid for with about \$5 billion in revenue increases, including eight tax provisions raising \$1 billion that were shifted from the tax bill to the energy bill by House and Senate conferees last week. Bush, who has long supported passage of energy legislation, has virtually ignored the tax-increase implications of the bill in his comments.

Strikebound USAir, Union Reach Pact

THE WASHINGTON POST

WASHINGTON

USAir Group Inc. and its mechanics union reached a tentative agreement Thursday to end a four-day strike that shut down almost half of the airline's operations Monday morning.

The agreement, if ratified by the 8,300 members of the International Association of Machinists (IAM) who work for USAir, would send mechanics, cleaning crews and stock clerks back to work on Sunday and allow the carrier to return to normal operations the next day.

More importantly, analysts said, it allows the nation's sixth-largest airline to turn its attention to other issues in its fight to survive the worst downturn the airline industry has ever experienced.

And airline industrial relations specialists said that with the USAir settlement, the pressure will increase on workers at other carriers to take concessions to help the airlines ride out the recession.

Arlington, Va.-based USAir, which has lost more than \$700 million in two years, is battling for survival on several fronts — seeking concessions from its workers, trying to renegotiate a \$600 million line of credit and seeking regulatory approval for an alliance with British Airways PLC that would provide \$750 million and new strength to the carrier.

The strike forced a reduction in service by USAir to about 55 percent of normal and riled passengers whose travel plans had to be changed.

If the strike went on for more than two weeks, it could jeopardize both negotiations with the banks and the controversial British Airways deal, said Kevin Murphy, an airline analyst at Morgan Stanley Inc.

Negotiators for USAir and the IAM reached an accord at 11:30 Thursday morning after a nearly 24-hour mediation marathon.

The leadership of the union will recommend acceptance of the contract to the rank-and-file, said IAM spokesman Jim Conley. "We're glad that the strike is over and will be glad to get back to work," he said. Picket lines are expected to remain in place until Saturday night, he said. It will take several days for IAM members to vote on the pact; the union expects voting to be completed by Saturday night.

USAir Chairman Seth E. Schofield said the agreement achieved the company's objective of both short and long-term savings and called it "fair and equitable."

97-Year-Old Schwinn Bicycle Co. Files for Bankruptcy

LOS ANGELES TIMES

Schwinn Bicycle Co., whose Phantom, Sting-Ray, Varsity and other gleaming two-wheelers taught the sensation of freedom to generations of American youngsters, filed Thursday for federal bankruptcy court protection.

The venerable Chicago company, founded in 1895, owns just 7 percent of the U.S. bicycle market compared to 25 percent during its 1950s heyday. The company said that it needs to restructure its heavy burden of debt and might need to merge with another company.

The family-owned company vowed to remain in business, and its bicycle s retain a solid, if stuffy, reputation. But Schwinn's woes were lamented across an industry that it still personifies for many Americans.

"It's a sad day for the bike world," said Mike Sinyard, owner and founder of Specialized Bicycle Components in Morgan Hill, Calif., whose 1981 "Stumpjumper" launched the mountain bike craze that has revolutionized the industry.

Edward Schwinn Jr., president and chief executive, blamed Schwinn's problems on \$75 million of debt the company took on in the 1980s and said that the firm could no longer afford the debt burden in today's weak economy.

But cycling enthusiasts say that Schwinn missed the turn in the market to lighter, more sophisticated machines which helped triggered a cycling and fitness boom in the 1970s.

Congress Settles Long-standing Dispute Over Digital Recording

THE WASHINGTON POST

WASHINGTON

Congress this week cleared the way for millions of American music lovers to enjoy the benefits of digital home recording equipment, a breakthrough technology that has been delayed for more than five years because of a bitter copyright dispute within the entertainment industry.

The legislation now before the president would facilitate the mass marketing of the equipment, which songwriters and record companies previously had maintained could drive them out of business by making it much easier to make high-quality copies of records and tapes in the home.

The equipment has not been widely sold up to now in part because manufacturers fear a tidal wave of lawsuits from the recording industry.

In return for dropping its opposition, the music industry will get money in the form of a 3 percent "royalty" on blank digital tapes and discs and a 2 percent royalty on digital recorders. The royalties could mean higher retail prices on the items.

The money will be distributed to record companies, songwriters and other members of the music industry as compensation for the wholesale copying of recorded music that they believe will take place once the superior digital equipment is widely available.

No royalties would be collected on conventional analog recorders or tape cassettes.

Mark Silbergeld, director of the Washington office of Consumers Union, criticized the royalty as an unfair "tax." But he said that it "appears to be the only way out of restrictions that are allowing very few of the machines onto the market." He said it remained to be seen whether consumers would want the machines, however.

In addition, the bill provides for digital recording machines to include technology that will cut down on copying: users will be able to copy the original of a prerecorded piece of music. However, the machines will shut down if users attempt to make a copy of a copy.

The bill clears the way for mass marketing of two new sound systems: The Digital Compact Cassette, a digital tape recorder that Tandy Corp. has put on sale for \$699 in the United States in recent weeks, and the Minidisk, developed by Sony Corp. The Minidisk uses a 2.5-inch compact disc that can be erased and re-recorded.

Oh, Say, Can You C?

We're looking for a few good hackers.

D. E. Shaw & Co., a small (68 staff members), highly capitalized (over \$500 million in partners' capital), very successful algorithmic trading firm, seeks world-class C programmers to join a select team of financial hackers. We run a state-of-the-art Sun/Unix shop and have some of the country's top computer scientists here -- including three Ph.D.'s from MIT. We are prepared to compensate unusually gifted individuals at a level exceeding that of the market. Financial experience is not required. And we don't wear suits and ties.

Interested? We will be recruiting on campus on October 20th. Contact your Office of Career Services or send your resume to:

D. E. Shaw & Co.
Tower 45, 39th Floor
120 West 45th Street
New York, NY 10036
Attn: Strategic Growth Department

LSAT
GMAT
MCAT
GRE

If you're taking one of these tests, take Kaplan first. We teach you exactly what the test covers and show you the test-taking strategies you'll need to score your best. No one teaches you to think like the test makers better than Kaplan.

For more information call
1-800-KAP-TEST.

KAPLAN
The answer to the test question.

OPINION



Chairman
Josh Hartmann '93

Editor in Chief
Brian Rosenberg '93

Business Manager
Jadene M. Burgess '93

Managing Editor
David A. Maltz '93

Executive Editor
Karen Kaplan '93

NEWS STAFF

Editors: Katherine Shim '93, Sarah Y. Keightley '95, Eva Moy '95; **Associate Editors:** Sabrina Kwon '95, Eric Richard '95; **Staff:** Kevin Frisch '94, Alice N. Gilchrist '94, Judy Kim '94, Joey Marquez '94, Chris Schechter '94, Kai-Teh Tao '94, Vinu G. Ipe '95, Jayant Kumar '95, Trudy Liu '95, Ben Reis '95, Deena S. Disraelly '96, Hyun Soo Kim '96, Michael A. Saginaw '96; **Meteorologists:** Michael Morgan G., Yeh-Kai Tung '93, Marek Zebrowski.

PRODUCTION STAFF

Night Editors: Daniel A. Sidney G., Matthew Konosky '95, Garlen C. Leung '95; **Associate Night Editor:** Chris Council '94; **Staff:** Ravi Dalal '96, Rolf Rando '96, Michelle Sonu '96, Vivian Tung '96; **TEN Director:** Reuven M. Lerner '92.

OPINION STAFF

Editors: Bill Jackson '93, Matthew H. Hersch '94; **Staff:** Christopher M. Montgomery '93, Jason Merkoski '94.

SPORTS STAFF

Staff: Mike Purucker '93, Nick Levitt '94.

ARTS STAFF

Editor: Chris Roberge '93; **Staff:** Mark Webster G., Michelle P. Perry '91, Joanna E. Stone '92, Joshua Andresen '93, Roy Cantu '93, Allison M. Marino '93, Brian Rose '93, Nic Kelman '94, David Zapol '94, Elaine McComick, Chris Wanjek.

PHOTOGRAPHY STAFF

Editor: Douglas D. Keller '93; **Staff:** William Chu G., Morgan Conn G., David-Henry Oliver '91, Ben Wen '92, Michelle Greene '93, Sang H. Park '93, Pamela Street '93, Ben Gordon '94, Hugh B. Morganbesser '94, Anna G. Fortunato '95, Yuch Z. Lee '95, Michael Oh '95; **Darkroom Manager:** Douglas D. Keller '93.

FEATURES STAFF

Christopher Doerr G., Jon Orwant G., Pawan Sinha G., Mark Hurst '94, Cherry M. Ogata '94, Steve Huang '95.

BUSINESS STAFF

Advertising Manager: Ilaidr A. Hamoudi '93; **Associate Advertising Manager:** Karen Schmitt '95; **Circulation Manager:** Pradeep Sreekantham '95; **Staff:** Tomas Matusaitis '95, Oscar Yeh '95, Aaron Belenky '96.

CONTRIBUTING EDITORS

Vipul Bhushan G., Michael J. Franklin '88, Marie E.V. Coppola '90, Deborah A. Levinson '91, Lois E. Eaton '92, Mark E. Haseltine '92, Reuven M. Lerner '92, Benjamin A. Tao '93, Jeremy Hylton '94.

ADVISORY BOARD

V. Michael Bove '83, Jon von Zelowitz '83, Bill Coderre '85, Robert E. Malchman '85, Thomas T. Huang '86, Jonathan Richmond PhD '91.

PRODUCTION STAFF FOR THIS ISSUE

Night Editors: Josh Hartmann '93, David A. Maltz '93; **Associate Night Editor:** Daniel A. Sidney G.; **Staff:** Douglas D. Keller '93, Sasha Wood '93, Garlen C. Leung '95.

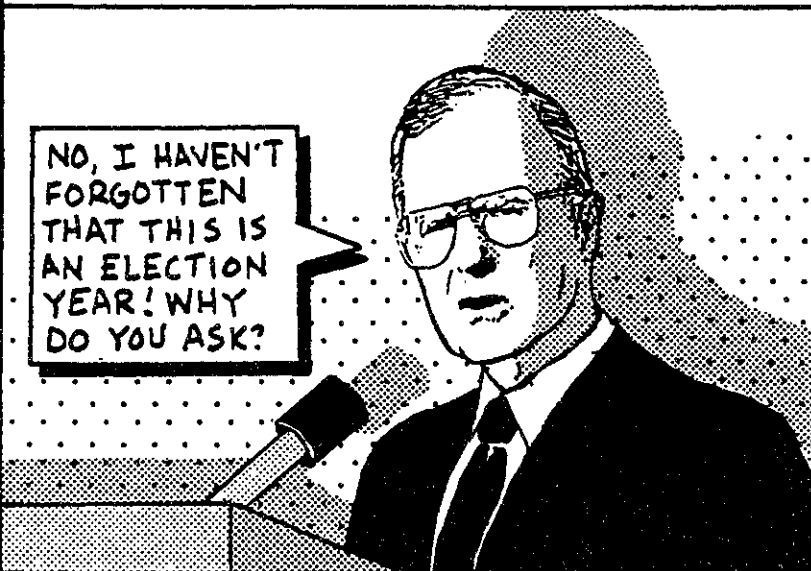
The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer for \$20.00 per year Third Class by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139-0901. Third Class postage paid at Auburn, Mass. Non Profit Org. Permit No. 59720. **POSTMASTER:** Please send all address changes to our mailing address: The Tech, PO Box 29, MIT Branch, Cambridge, Mass. 02139-0901. Telephone: (617) 253-1541. FAX: (617) 253-8226. Advertising, subscription, and typesetting rates available. Entire contents © 1992 The Tech. Printed on recycled paper by MassWeb Printing Co.

THIS MODERN WORLD by TOM TOMORROW

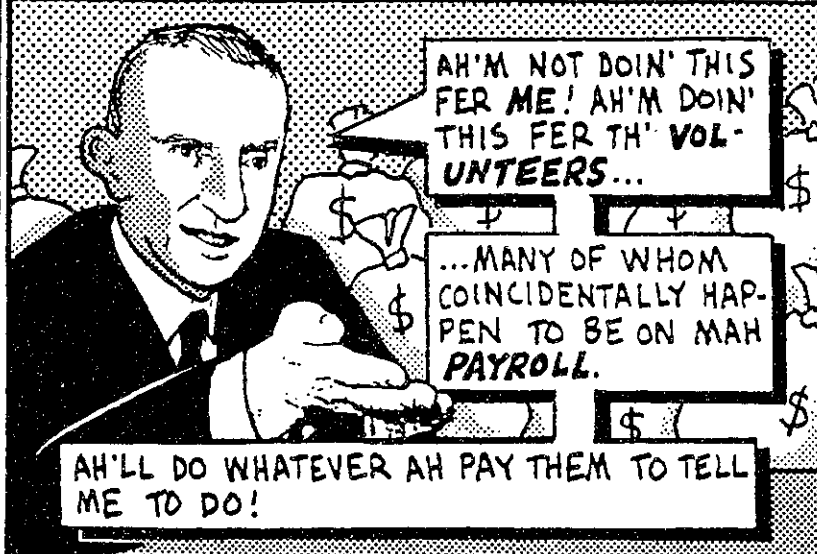
SOME WEEKS, REAL LIFE GETS SO STRANGE THAT SATIRICAL CARTOONS JUST SEEM UNNECESSARY... FOR INSTANCE, DESPITE OUR COUNTRY'S ECONOMIC WOES, NASA JUST LAUNCHED A \$980 MILLION ROCKET TO MARS... AND PLANS TO SPEND \$2.1 BILLION ON A SPACE STATION WHICH SEEMS TO HAVE NO REAL PURPOSE...



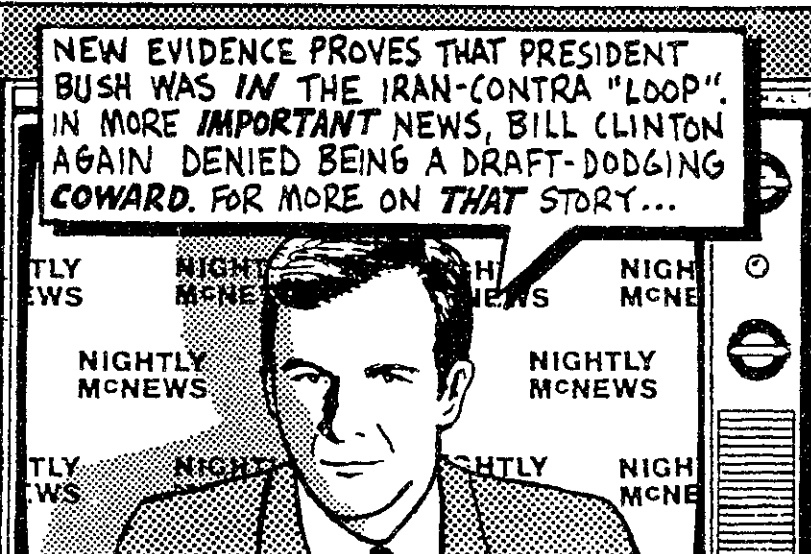
...EQUALLY BIZARRE WAS THE "FAMILY VALUES" PRESIDENT'S VETO OF THE FAMILY LEAVE BILL... NOT TO MENTION THE DECISION OF THE "ENVIRONMENTAL" PRESIDENT'S ADMINISTRATION TO ALLOW STRIP MINING IN NATIONAL PARKS...



...IN OTHER PECULIAR NEWS, EGOCENTRIC BILLIONAIRE H. ROSS PEROT REAPPEARED ON THE POLITICAL LANDSCAPE... ONCE AGAIN PROCLAIMING, RATHER UNCONVINCINGLY, HIS SELFLESS, ALTRUISTIC MOTIVATIONS...



...AND FINALLY, CONSIDER THE PRESS ITSELF... WHICH CONTINUES TO PLACE MORE EMPHASIS ON BILL CLINTON'S AVOIDANCE OF AN EVIL WAR THAN ON GEORGE BUSH'S ROLE IN SUBVERTING OUR NATION'S CONSTITUTION...



LETTERS TO THE EDITOR

Raustein Vigils Have Therapeutic Value

Contrary to what Matthew H. Hersch implies ["Society Not to Blame for Raustein's Death," Oct. 6], I don't think that the vigil and shows of solidarity following Yngve Raustein's murder were meant to improve communications with local high schools. Rather, I feel that they were simply the start of a long recovery process for those of us who were touched by the senseless tragedy.

The fact that Hersch finds "the most disturbing aspect" of the tragedy to be "knee-jerk, touchy-feely liberalism" says a lot. If he speaks for others, it explains why "pretty soon, people will forget about Raustein all together." Let me make it clear that Hersch does not speak for me.

Greg T. Huang G

make an appearance at one event.

Eric Beam '94

Columbus Anniversary Provides Warning for Future

Five hundred years ago, Christopher Columbus crashed on the shore of the Taino Indian Nation. He would have died had it not been for the hospitality of the native inhabitants. He observed the way of life of these "naked, beautiful" people.

Unfortunately, Columbus, like his successors, was greedy. He sought fame and wealth, initiating the biggest holocaust in world histo-

ry. The genocide of the American Indians began with disease, but flourished with slavery and eventual slaughter. Approximately 100 million American Indians lived in the Western hemisphere before Columbus arrived. Diseases like smallpox, syphilis, and influenza overcame 95 percent of the original population. The remaining people struggled for their survival. The conquest of the Americas lasted for nearly four-hundred years. In these years, voyagers, settlers, and foreign governments decimated the Indian population.

The quincentenary should teach us that Columbus' voyage had great ramifications. With this in mind, look into the future; how will the next five hundred years be?

Jody Clark '94

MIT Community Must Attend Sports Events

I am making a resolution starting next week, and I hope many MIT students will join me. I am going to attend as many MIT sports events as I can. This semester alone I have seen high school sports, my fraternity's IM events, and several MIT varsity soccer, field hockey, and football games. Of all three, the MIT spectators are the least in number and energy. How can it be that an IM soccer game can have more excited fans than the first home football game for a school of around 5000 undergraduates?

I humbly ask *The Tech* to start giving the weekly sports schedules. I refuse to believe that with all of MIT's...

OPINION POLICY

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

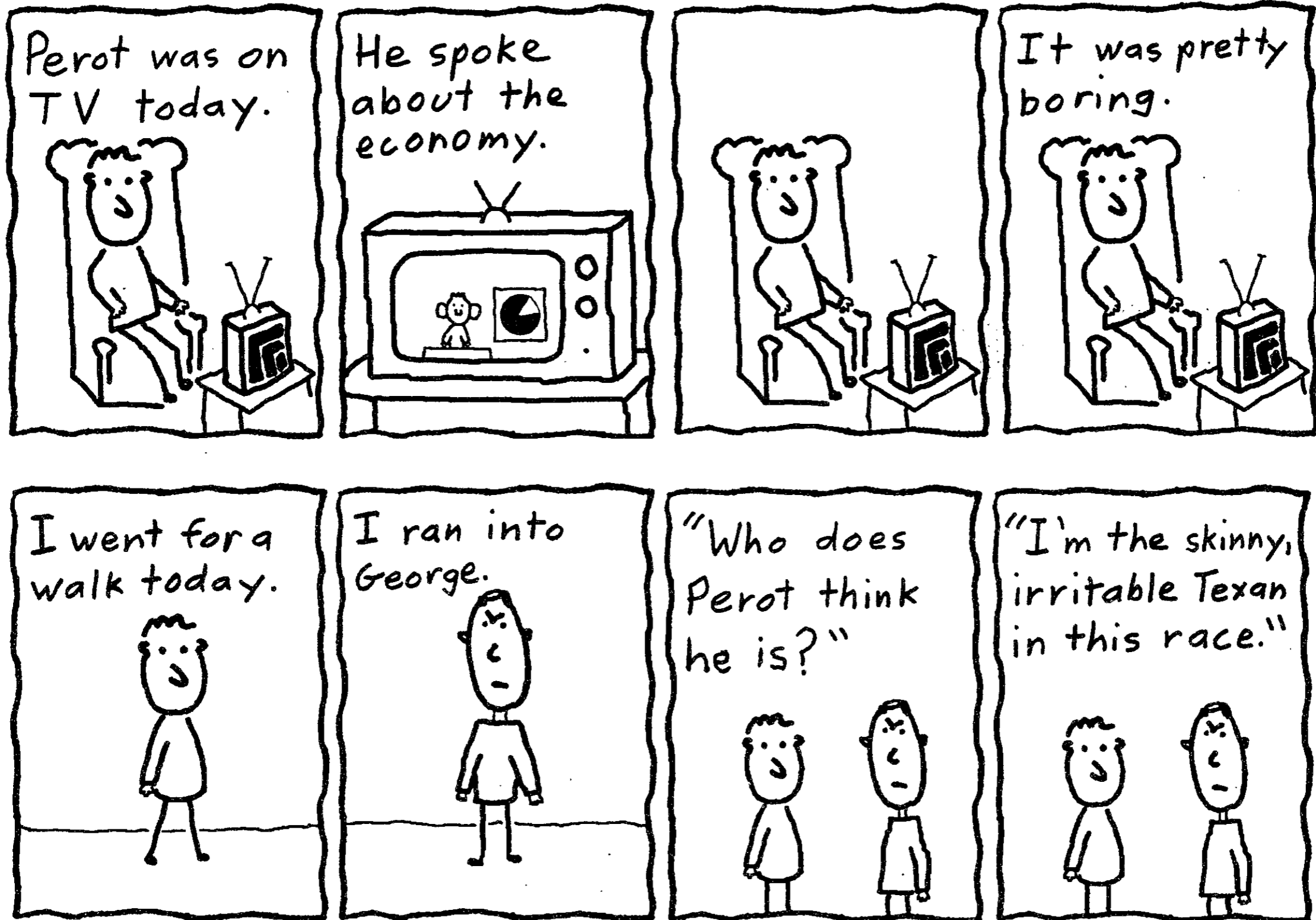
Dissents, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, PO Box 29, MIT Branch, Cambridge, Mass. 02139, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4 p.m. two days before the issue date.

Letters and cartoons must bear the author's signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters. Shorter letters will be given higher priority. We regret we cannot publish all of the letters we receive.

Jim Baker's Journal by Matthew H. Hersch with apologies to Onion Features Syndicate



Career Seminar

**INTERVIEWING:
WHAT SEPARATES
THE BEST
FROM THE REST**

WAYNE SZMYT
Corporate Staff, Human Resources,

&

WENDY WEISSMAN
Human Resources, Engineering,
General Electric Company

Wednesday, October 14, 1992
Room 4-163 4:00 p.m.

**OPPORTUNITIES
FOR INTERNATIONAL STUDENTS
IN MANAGEMENT CONSULTING AT
McKINSEY**

McKinsey & Company, a global management consulting firm with offices in 25 countries, would like to hear from international students pursuing advanced degrees in engineering, the physical sciences, and economics who would be interested in joining the firm in their home country. Over sixty percent of McKinsey's consultants are citizens of a country other than the United States. McKinsey's offices outside the U.S. and Canada are in the following countries:

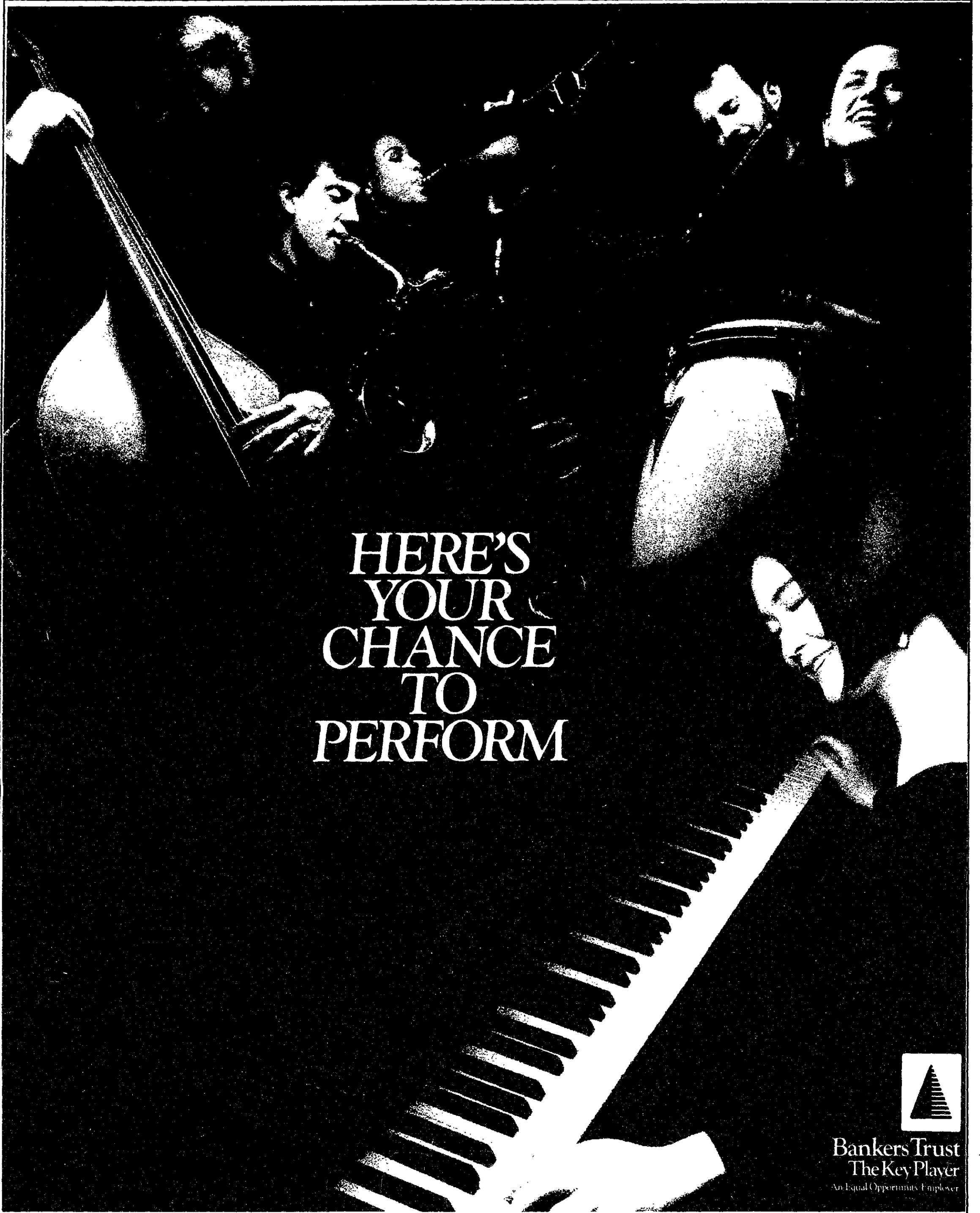
- | | | |
|-----------|-------------|----------------|
| Argentina | Hong Kong | Spain |
| Australia | Italy | Sweden |
| Austria | Japan | Switzerland |
| Belgium | Korea | Taiwan |
| Denmark | Mexico | United Kingdom |
| Finland | Netherlands | Venezuela |
| France | Norway | |
| Germany | Portugal | |

McKinsey's client roster spans every industry - from consumer goods to industrial equipment and components; from banking, health care, and insurance to aerospace and public utilities. Many of the problems on which it is asked for advice involve technology.

McKinsey seeks bright, creative, intellectually curious people who have the capacity to learn quickly, to adapt to new settings, and to continually challenge themselves to new levels of leadership. Upon joining the firm, people with advanced technical degrees attend a four-week training program introducing them to basic business concepts, organization structure and theory, finance, and microeconomics.

McKinsey has asked MIT's Careers Office to collect resumes from interested students for forwarding to the company. The company will be making several recruiting visits to the Boston area early in 1993 to interview selected candidates. If you would like to be considered as a candidate, give your resume, with a cover letter introducing yourself, to Maria Lara in the Careers Office, Room 12-170, not later than Friday, October 16. The cover letter should be addressed to Ms. Kathryn Focht, Manager, International Recruiting Administration, McKinsey & Company, Inc., 485 Madison Avenue, New York, NY 10022.

Additional information about McKinsey and its offices around the world is available in the Careers Office, Room 12-170.



HERE'S
YOUR
CHANCE
TO
PERFORM



Bankers Trust
The Key Player
An Equal Opportunity Employer

Brown Bag Lunch

Wednesday, October 14
Building E51, Room 136
12:00 noon

Key players from *Technology* will be present.

For additional information about career opportunities at Bankers Trust,
call anytime 1-800-551-9333.

Whitehead Team Combines Two Maps of Y Chromosome

Whitehead, from Page 1

the DNA and to locate a series of markers along the chromosome.

The second map was constructed by analyzing data from patients with partial deletions of their Y chromosome and determining which phenotypes, or measurable traits, they were missing as a result of those deletions. Each phenotype corresponds to a gene or genes in the DNA, and comparing the relative locations of the missing genes allowed the researchers to map 43 intervals along the Y chromosome.

Researchers compared this first map to crude maps of unknown territory made by earlier researchers. With these maps, Page said that if a gene were already cloned and known to be on the Y chromosome,

"within one day it could be localized to about 1% of Y chromosome and placed within 1 of 127 bins along the length of the chromosome."

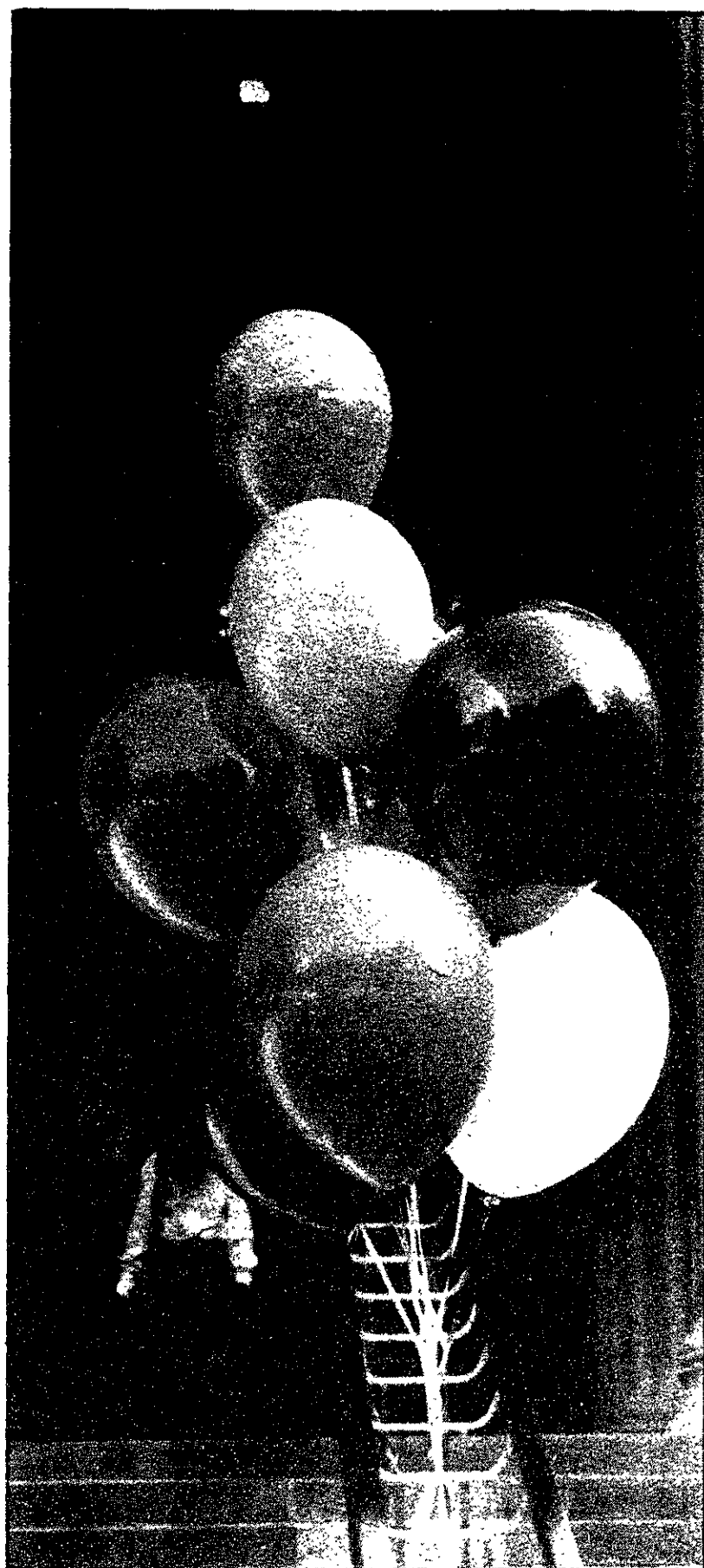
"The physical maps of the Y chromosome that we've made should make it much easier to explore the biology of the chromosome that to this time has been one of the most mysterious," said Page. "The Y chromosome is particularly mysterious" because it is difficult to investigate through family inheritance studies, he said. "I think the biology of the Y chromosome can only be explored from the DNA level up."

Page said that the work has set the stage for constructing a more detailed map, either by extending the methods already used, or by

using the known islands of sequence as a starting point for determining the exact order of the remaining bases in the DNA.

"Since this map is anchored in the sequence itself," Page said, "It can melt away into the sequence of the chromosome." The ultimate goal of the Genome Project is an actual DNA sequence that lists each individual chemical base on the chromosomes.

Page said that the work's pioneering aspects are important as well. "If one can make such maps for the Y chromosome, then the same can be done for the rest of the genome. People in human genetics are excited about this work because perhaps in a few years we will have similar maps of the other chromosomes."



DOUGLAS D. KELLER - THE TECH
Balloons heralding the Vendors' fair in McDermott Court offer several reflections of the 77 Massachusetts Ave. crosswalk.

TONIGHT!

MIT BALLROOM DANCE WEEKEND

Fri Oct 9 - Sat Oct 10

7 hours of professionally-taught lessons
Dance exhibitions
Informal mixed competition
(partners are randomly matched)
Saturday night dance

Register Fri Oct. 9, 6:30 pm in Morss Hall, or
Sat Oct. 10, 10:30 am in Lobby 13

**Dance Saturday, Oct. 10,
8pm-midnight.**

Cost for entire weekend is \$25 for students,
\$40 for nonstudents.

Cost for dance only is \$5 for students,
\$7 for nonstudents.

Proceeds benefit the MIT Ballroom Dance Team

For information call Waldemar, 253-7710 or Suresh, 625-1670

Space-Age Equipment

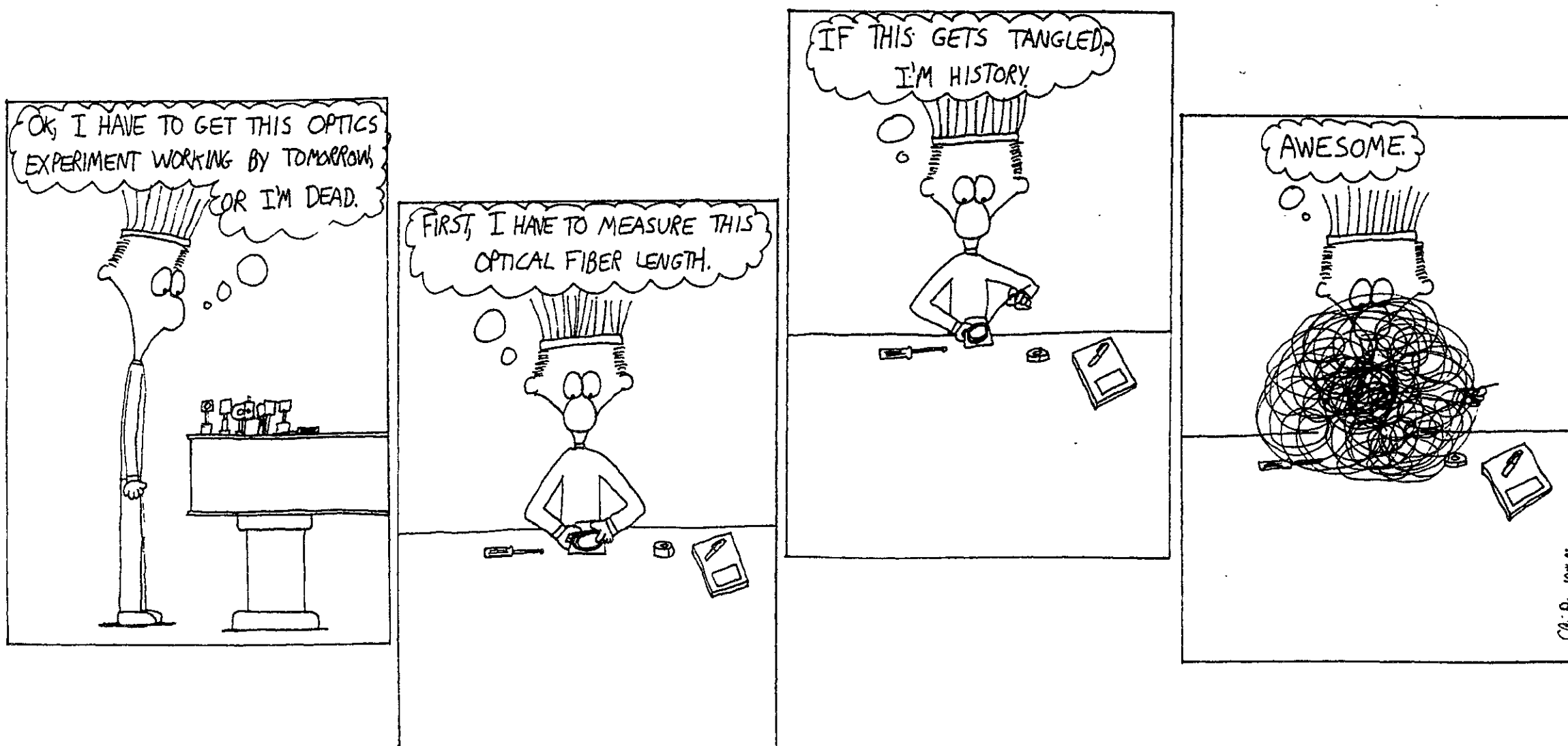


Old-Fashioned Folks

The Tech
Established 1881

Nick

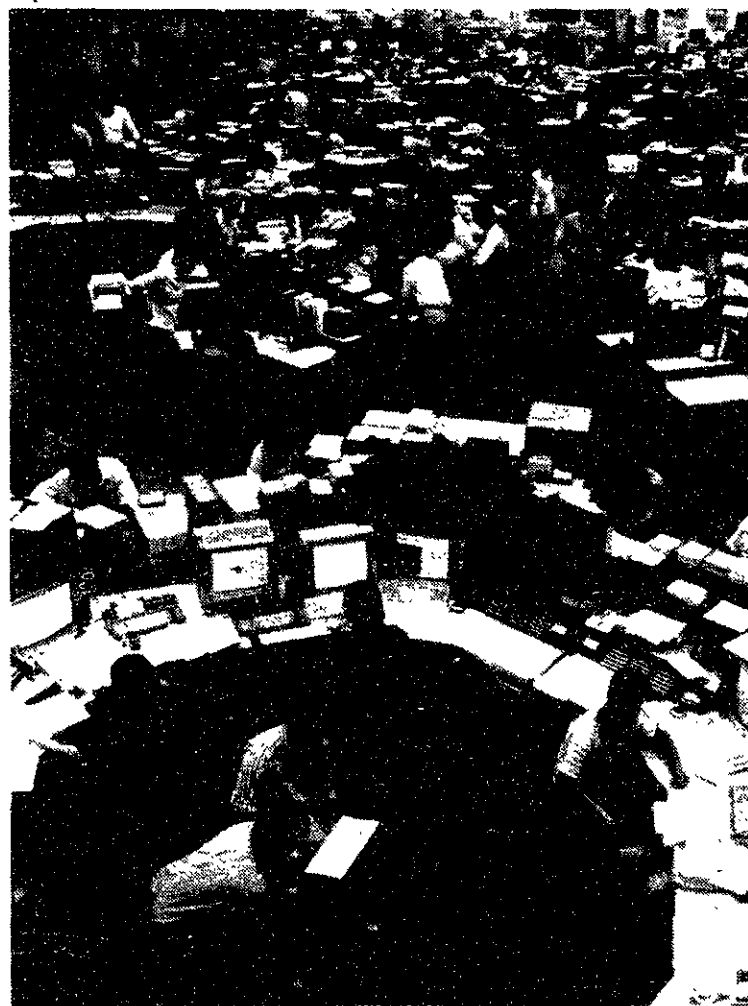
By Chris Doerr



We have
 the iron,
 the toys,
 and the
 appetite for
 excellence...

If you possess exceptional analytical talent...want to develop sophisticated technology...and thrive on complex intellectual challenge—you can achieve results with Swiss Bank Corporation – Capital Markets and Treasury.

- NeXT and Sun workstations
- Objective C
- Relational DataBases



Meet with us in 66-144, on
 Monday, October 19, 1992
 7-9PM

CAREERS IN SOFTWARE ENGINEERING

All Majors Welcome

DEVELOP THIS CAREER OPTION

Equal Opportunity Employer M/F/D/V

Capital Markets and Treasury

 **Swiss Bank Corporation**
 Schweizerischer Bankverein
 Société de Banque Suisse

NOTICES

LISTINGS

Student activities, administrative offices, academic departments, and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notices" section. Send items of interest by electronic mail to news-notes@the-tech.mit.edu. Items may also be sent (typed and double-spaced) via Institute mail to "News Notes, *The Tech*, Room W20-483" or via U.S. Mail to "News Notes, *The Tech*, P.O. Box 29, MIT Branch, Cambridge, Mass. 02139." Notes run on a space-available basis; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

OCTOBER 13

The Boston Area Solar Energy Association presents "Wind Power in the Northeast," a forum by Nils Bolgen, Massachusetts Energy Office, at 7:30 p.m. in room 3-442. A \$3 donation is optional. For more information contact Hope Davis at 641-9859.

OCTOBER 14

Safety Issues for International Students: Chief Anne Glavin and Sgt. Cheryl Vossmer from Campus Police will meet with international students from 4:30 to 5:30 p.m. in Ashdown Hall, Hulsizer room, to discuss campus safety issues and procedures. For more information, call the ISO at 253-3795.

OCTOBER 15

The New England Aquarium announces the 1992 Lowell Lecture Series, "Seabirds of the Wild Ice." The presentation is free, at 7:45 p.m. in the Aquarium's auditorium. Please mail reservation requests to Lowell Lectures, New England Aquarium, Central Wharf, Boston, Mass. 02110.

OCTOBER 22

MIT becomes home to the newly-established Dibner Institute for the History of Science and Technology and the Burndy Library, one of the world's premiere private collections of historical scientific books, manuscripts, instruments and works of art. Dedication ceremonies will be held at the headquarters of the Dibner Institute and Burndy Library in Building E56.

★ ★ ★ ★ ★

The New England Aquarium announces the 1992 Lowell Lecture Series, "Seabirds of Hawaii: Natural History and Conservation." The presentation is free, at 7:45 p.m. in the Aquarium's auditorium. Please mail reservation requests to Lowell Lectures, New England Aquarium, Central Wharf, Boston, Mass. 02110.

ILP Encourages MIT-Industry Ties

By Nicole A. Sherry

Professors, graduate students, and business representatives are exchanging ideas on the purpose and progress of their research at a symposium held on campus yesterday and today. Participants in the symposium, called "Manufacturing Process Information and Science: 15 Years of Advanced Manufacturing Research at MIT," are calling it a success.

"I get feedback from the business representatives, which helps me to direct my research in a way that is useful to industry," said Pyongwon Yim G, who attended yesterday.

The symposium is sponsored by the Industrial Liaison Program, created in 1948 to forge a link between MIT and industry. Each year, ILP offers approximately ten symposia on a range of topics covering new scientific and technological advances made at the Institute.

"We try to make the program as cutting-edge as we can, but since it takes some time to prepare, the material is not right out of the lab," said Susan I. Shansky, manager of Communication Services for ILP.

Currently 235 companies are members of the program — about 115 from the United States and the balance from Europe and East Asia. Most businesses involved are focused on research and development, but there are also companies in fields such as manufacturing, materials, chemicals, biology, finance and information technology, telecommunications, and electronics.

"Almost any big-name company you can think of is a member — Xerox, IBM, Gillette, and most of the Fortune 500s," Shansky said.

"My main purpose is to inform people in my company of new advances in their fields of interest and to get them in touch with people here," said a representative of Daimler-Benz, a German company. "I found the talks interesting."

MIT profits from ILP

The program is supported by fees paid by member companies. These fees range from \$10,000 to \$100,000 a year, depending on the size of the company. This buys them the "MIT Report," a newsletter describing the latest advances at

MIT, chances to visit MIT professors, and an invitation to the symposium series.

MIT does not contribute any money to the program — in fact, it profits from it. ILP "makes money for the Institute, and at least equally, if not more importantly, it builds relationships. A company may end up endowing a professor or funding the development of a new building," Shansky said.

Though the main purpose of these symposia is to inform member companies of current research going on at MIT, students are also welcome to attend the lectures.

The symposia offered during the remainder of this term are "Strategic Management of Technology: Global Benchmarking" on October 27, "Fundamentals and Technologies of Smart Gels" on November 5, "Regulatory and Safety Considerations of the Biotechnology Industry" on November 17, and "Educational Computing in the Twenty-First Century: Building from Project Athena" on December 7.

A Great Look Starts with a Great Cut

Shampoo, Conditioner & Precision Cut **\$7.95**

With this ad (REG. \$12)



Great Cuts ...for great looking hair!

CAMBRIDGE - 1 Elliot Square, Cambridge - (617) 576-3920
in Harvard Square - HOURS: Mon-Fri 9 to 8, Sat 9 to 6

NEWBURY STREET - 286 Newbury St., Boston - (617) 267-3225
Between Gloucester & Hereford - HOURS: Mon-Fri 10 to 8, Sat 9 to 6

Not valid with other offers.

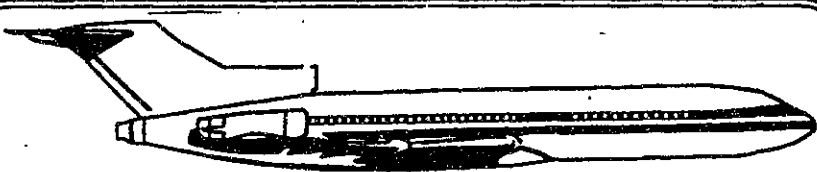
TT - Expires 11/31/92

contact line:

253-6460 8pm-midnite, Sun-Weds

a support phone service dealing with issues of sex and sexuality. confidential peer listening and information. all members of the MIT community are welcome to call

This space donated by The Tech



FREE! Airline Reservations & Ticketing Service

Thomas Cook

★★★★★
RATED BEST!
by Condé Nast
Traveler Magazine
★★★★★

1 BROADWAY, CAMBRIDGE

THOMAS COOK is an official authorized agent for all airlines and there is NO EXTRA CHARGE when you pick up your tickets at THOMAS COOK!

IF YOU'RE TRAVELING ON ANY OF THESE AIRLINES . . .

American, United, Continental, America West, Delta, TWA, Northwest, USAir, British Air, Qantas, Air Canada, Iberia, Lufthansa, Swiss Air, Air India, El Al, Icelandair, Alitalia, Aer Lingus, Viasa, or even shuttle flights.

AVOID LONG LINES AT THE AIRPORT, MAKE YOUR RESERVATIONS AND PICK UP YOUR TICKETS AT

Thomas Cook

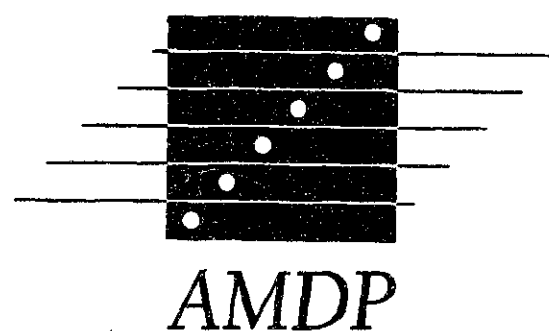
Open Mon.-Fri.
8:30 am-5:00 pm

1 BROADWAY, CAMBRIDGE

868-2666

Class of '93

Sometimes You Can Believe Everything You Hear



The Prudential's Advanced Management Development Program has earned a reputation as one of the most challenging and supportive programs for developing business leaders at an accelerated pace. It's a reputation that's well deserved.

We're looking for graduates with a Liberal Arts or Business Information Systems background. If you're a highly motivated exceptional student, we invite you to learn more about us. An equal opportunity employer.

Information Session
Monday, October 19th at 7:00 P.M.
Building 5, Room 134

The Prudential 

ACUSON
COMPUTED SONOGRAPHY

Acuson is the premier designer, manufacturer and marketer of high quality diagnostic ultrasound equipment for radiology, peripheral vascular and cardiovascular applications.

**KEY TECHNOLOGY
EXAMPLES**

Phased Array
Beamforming

Acoustics

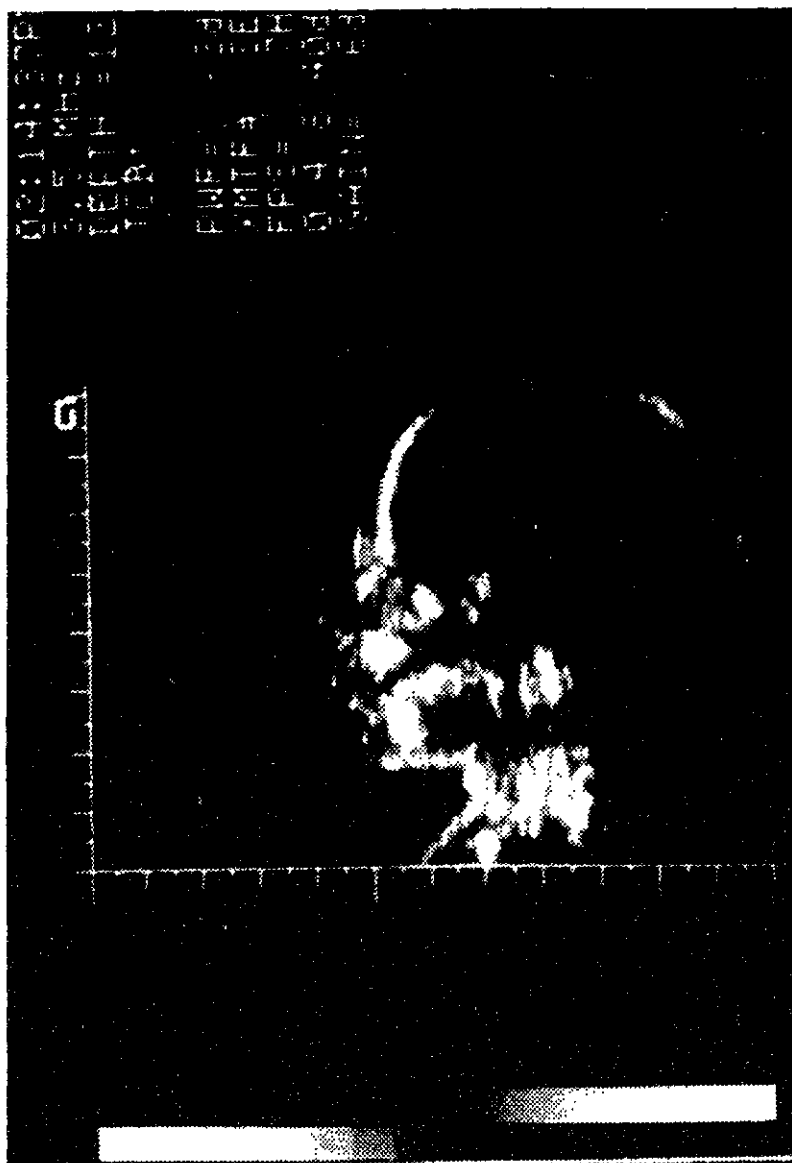
Real Time
Computer Control

**MAJOR IMAGING
MODALITIES**

B-Mode Gray Scale

Spectral Doppler

Color Flow Doppler



A 19-week fetal facial profile shows soft tissue next to bright skeletal reflectors. (Image courtesy of J. Birnholz, M.D., Rush-Presbyterian Hospital.)

We will be recruiting on campus Tuesday, November 10th for talented individuals in the following design areas: VLSI • Analog • Digital • DSP • Computer Science. For more information, please visit Student Career Services.

We will also be presenting at the MIT-EECS Fall Semester Colloquium Series on Monday, November 9th from 4-5 PM in Edgerton Hall (34-101). The topic will be Signal Processing and Clinical Applications in Medical Ultrasound Imaging.

Acuson is an equal opportunity employer.

**“TURN PAIN INTO POWER:
REALITIES OF COLOR”**

**“CONVERTIR EL DOLOR EN PODOR:
REALIDADES DE COLOR”**

Fred Ho,

saxophonist/writer/composer

Multicultural/Multilingual Oratorio

An Office of the Arts Excursion

◆ October 16

◆ 8:30pm

◆ Free round trip transportation provided to IBA-Arte y Cultura Cafe Teatro Series at the Jorge Hernandez Cultural Center in the South End

• Tickets to performance, \$10 each, available at the Office of the Arts, E15-205 •

• Two tickets per valid MIT ID •

• Come to Lobby 7 by 7:30pm. (Meet at the donut stand) •

• For information call: 253-4003 •

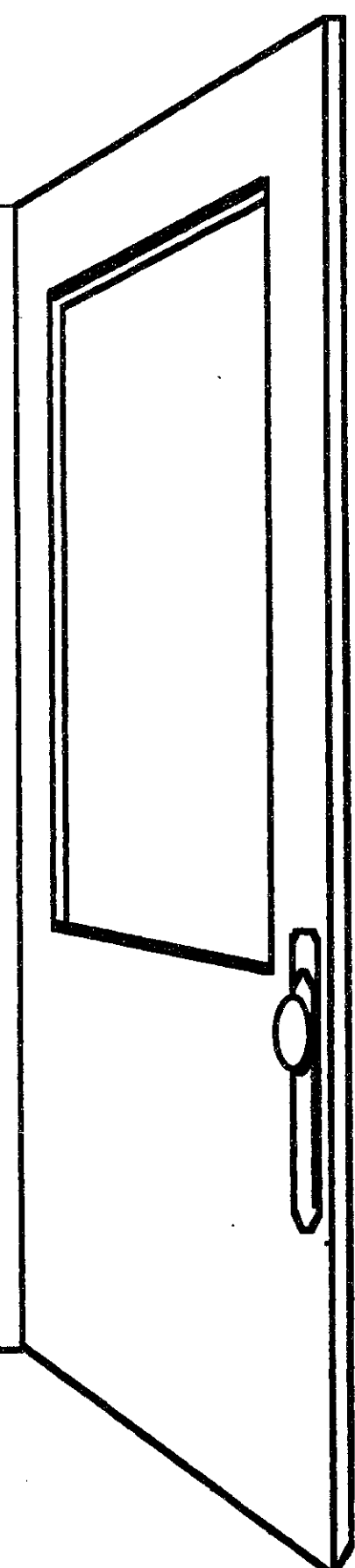
CAREER FAIR

open a few
doors on

**Wednesday
October 14
10am-6pm**

**Sala de
Puerto Rico**

- Active Voice
- Advanced Micro Devices
- AEDP-Prudential Insurance Co.
- Arthur Andersen & Co.
- Battelle Pac. NW Labs
- Booz Allen & Hamilton, Inc.
- Bull HN Information Systems, Inc.
- Daikin U.S. Corp.
- Hewitt Associates
- IBM
- JP Morgan
- Litton Itek Optical Systems
- Lutron Electronics, Inc.
- Merck & Co., Inc.
- Microstrategy, Inc.
- MIT Lincoln Lab
- Oracle
- Peace Corp
- Proctor & Gamble Manufacturing
- Salomon Brothers, Inc.
- SBC/OC Services
- Schlumberger
- TASC



SPONSORED BY TAU BETA PI

THE ARTS

Animator Bill Plympton creates an enjoyable *Tune*

THE TUNE

Directed by Bill Plympton.
Written by Bill Plympton,
Maureen McElheron,
and P. C. Vey.
Featuring the voices of Daniel
Neiden, Maureen McElheron,
and Marty Nelson.
Coolidge Corner Theater.

By Joshua Andresen
STAFF REPORTER

Bill Plympton's first full length animated feature, *The Tune*, is a delightfully enjoyable film. The animation is classic Plympton, and the music is wonderful as well.

The Tune is a musical comedy based on Del (Daniel Neiden), a young, struggling songwriter who is trying to write a song for his boss, Mr. Mega (Marty Nelson), the CEO of Mega Music. Del wants to be able to draw a steady income so he can marry his sweetheart, Didi (Maureen McElheron), who is also Mr. Mega's secretary. Mr. Mega gives Del a deadline: a smash hit in 47 minutes or he's fired.

While driving to Mega Music, Del gets lost and winds up in a quaint town called Flooby Nooby. In Flooby Nooby, Del learns that in order to write good songs, he must feel the inspiration, rather than trying to force it. "Feel the passion. Feel the pain. Feel the pasta," he is told. Del then goes on a tour of Flooby Nooby, encountering an astonishing array of characters along the way, from dancing fast food to a canine Elvis to a psychopathic bellhop. Each time, Del comes up with a song.

By this time, it is past Del's 47 minute deadline. He rushes back to Mega Music, only to get lost in the building's expanse. As he and Didi try to find Mr. Mega, they run into several other odd characters that seem out of place. Eventually, they find Mr. Mega, but he hates all of Del's songs. Downtrodden, Del and Didi sing a forlorn love duet. Mr. Mega overhears this and is so moved, he offers Del anything he wants for his songs and everyone lives happily ever after.

Plympton's animation is the primary reason to see this movie. Winner of many awards from various film and animation festivals, Plympton is perhaps known best for his short subjects such as "25 Ways to Quit Smoking" and "How to Kiss." Plympton animated *The Tune* entirely by hand with over 30,000 drawings. *The Tune* is classic Plympton, with his rough sketch-like drawings and famous metamorphosis segments in which one object transforms magically into another.

The music is excellent as well. Each song represents a different type of American popu-

lar music. There are songs from the genres of country-western, blues, and rock music à la Elvis and the Beach Boys, as well as standard musical fare. Plympton experiments with different styles of animation for each song and succeeds splendidly. For a tune sung by Didi, for example, Plympton switches from animating

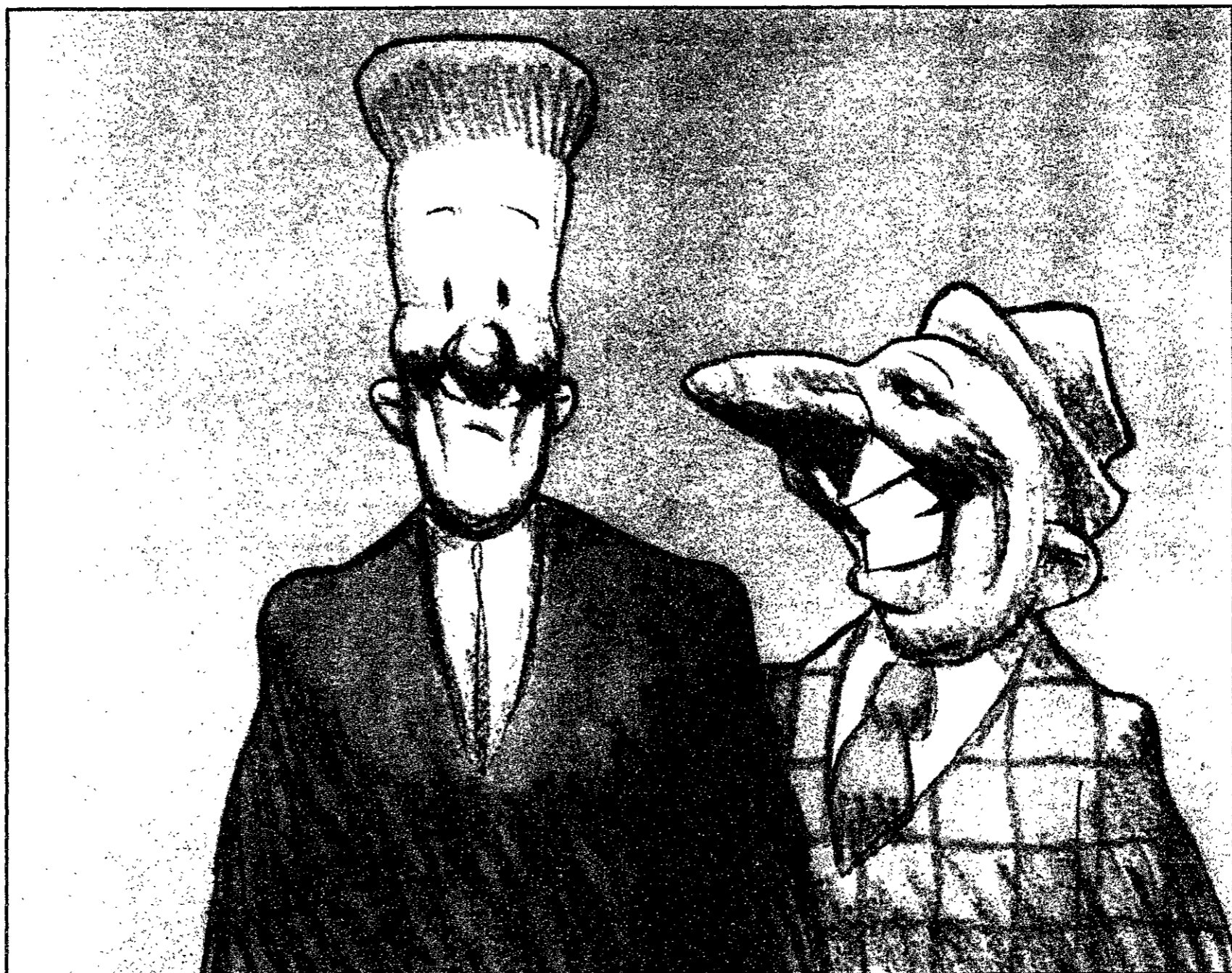
her whole face to just her eyes, nose, and mouth, which works well in the musical context. And only Plympton could build so much excitement into the climactic rendezvous of a hot dog and a bun.

One glaring problem with *The Tune* is its use of shorts that Plympton has already

released. Several short subjects including "The Wiseman," "Push Comes to Shove," and "Tango Schmango" were incorporated in places that did not mesh well with the rest of the action. None of these shorts involve the main characters and the segues were badly done. The latter two of these are encountered in the search for Mr. Mega at the end of the film. Plympton does admit that they do not really belong, however. After "Push Comes to Shove," for example, Del comments, "Why am I watching this?"

Overall, this is an enjoyable film. Even the re-run shorts are enjoyable to watch again for those who attend animation festivals with regularity. For those new to Bill Plympton, make an effort to get to the Coolidge Corner Theater to see *The Tune*.

THE TUNE



Songwriter Del and the mayor of Flooby Nooby, a quaint town that offers Del inspiration in his attempts to pen a smash hit, in the animated musical comedy, *The Tune*

Overly ambitious *1492* gets lost in its confusing plot

1492: CONQUEST OF PARADISE

Directed by Ridley Scott.
Written by Roselyne Boch.
Starring Gerard Depardieu, Armand Assante,
and Sigourney Weaver.
Loews

By Craig White

1492: *Conquest of Paradise* tries to tell too many stories in its more than two-hour running time. The movie itself is very similar to the voyage of Christopher Columbus — long, confusing, and lost.

The film opens with a scene between Columbus (Gerard Depardieu) and his 9-year-old son (Billy Sullivan), in which he shows the boy that the world is round. They are sitting on the shore looking out at a ship sailing west, watching her disappear below the horizon. The seaman and son have an interesting relationship throughout the film and it is through the boy's remembrances that the film gets its historical base. After this scene, the movie is often interrupted by narration in an attempt to move the action along and give some needed information. The narratives also give a sense of veracity which the film desperately needs. Often the action seems unbelievable. For example, at one point during a storm in the islands of the New World, a lightning bolt strikes a cross in the middle of the town built by Columbus' men, setting it on fire.

The first half of the movie focuses on the vision of Columbus and the primary obstacle between him and a north-west passage to the Orient — funding, not the ocean. After defending his theory about the shape of the world before the church and the state, he is offered an audience with Queen Isabella (Sigourney Weaver). He sells his idea to the queen, who feels that there is not so much to lose in the gamble of a few ships: "The same cost as two state dinners." We then



Christopher Columbus (Gerard Depardieu) leads his men ashore in *1492: Conquest of Paradise*.

move on to the sea voyage, with the same hardships one can find in any other "sea voyage" movie. The crew gets angry, they threaten to mutiny, Columbus gives a rousing speech, and they push onward.

The New World scenes, filmed in jungles reminiscent of the islands south of the United States prior to the "conquest," are beautiful to look at but too long. A great deal of time is spent "looking around," as if the audience doesn't know what a jungle looks like.

1492 tries to compress years of historical research into an entertaining film between two and three hours long — a difficult undertaking for director Ridley Scott (*Alien*, *Blade Runner*). There are many interesting and entertaining things to be found in the film, but they are hidden among blank stares from Depardieu, lingering silences, and confusing relationships that are never truly followed through to a conclusion. Perhaps if one or two of the many relationships in the movie became the focus of attention, *1492* wouldn't seem so vast. The entertaining moments were there, but they never seemed to come together. The acting was mild in most cases and the stereotypical nature of the antagonists was disappointing. Weaver did stand out in the scenes she shared with Depardieu, given her power as royalty and the natural power she usually brings to the screen. I found myself wishing for her return as the movie dragged on.

1492: Conquest of Paradise sets out on a task much like that of Christopher Columbus — the distance is too far to travel. In addition, much of the quality is lost in the telling of so large a story. If the movie stuck to the time period either before the voyage, after the voyage, or even during the voyage, there might have been a coherent story in it. If you are interested in history and don't mind sitting through some lengthy pauses, you might enjoy it. But you'd better not go to this one tired, or you might find yourself hoping for a mutiny.

How's Your Term Going?

Check in with Nightline
x3-8800 7pm - 7am

This space donated by The Tech

YOU'VE BEEN IN CAMBRIDGE FOR SIX MONTHS AND YOU STILL HAVEN'T EATEN AT THE S&S?



You'd probably be embarrassed to know we're just around the corner in Inman Square. We've been there since 1919—delighting smart diners with everything from New York style deli sandwiches and buffalo-sized Buffalo Wings to Baby Back Ribs and Swordfish Dijon. Food and drink from all over the world served in portions so generous, the Boston Globe called them "Humongous." All at very affordable prices. So why not come to the S&S and take in a few courses. And learn what great dining is all about.



Restaurant
A Great Find Since 1919.

Breakfast, Lunch, Dinner. Mon.-Sat. 7:00am-12:00 mid, Sun. 8:00am-11:00pm
Inman Square, 1334 Cambridge St., Cambridge, 354-0777, FAX: 354-6924.

Let's Argue: The Sporting World

Column by Andrew Heltner G
and Mike Duffy G

This is the first in a series of weekly columns called 'Let's Argue.' Each week we will express our opinions on the sporting world, at MIT and elsewhere. Those of you who have questions, complaints, or Patriot jokes that you want shared, please drop us a line at sports@the-tech.mit.edu...

Quien es mas macho? Clearly not Hector Camacho, who was convincingly pounded by Julio Cesar Chavez. Camacho, decked in his flamboyant fringed loin cloth, was beaten in a 12-round decision by Chavez, the first undisputed 'best pound for pound' fighter since Brockton's own, Marvelous Marvin Hagler...

Here's hoping for CBS to get a Toronto-Pittsburgh matchup in the World Series. Any network that would not cover a potential one-game playoff (ESPN would have covered a Toronto-Milwaukee tiebreaker) in favor of a sitcom deserves to take a bath on the small ratings generated from inconsequential markets and to lose baseball next year... On the other hand, a city as apathetic as Pittsburgh (Philadelphia outdrew them by 100,000 fans this year) deserves the Patriots and Red Sox to 'cheer' for. The Pirates have dominated the NL East by winning 3 titles in a row, yet their attendance is the 7th highest in the National League (4th in the East) and is down 236,000 from last year...

When watching the NHL on ESPN (Finally!) this year, notice that the league has repealed the helmet rule. Proponents say that repealing the rule will cut down on high-sticking cheap shots, but we know that this will allow television to

showcase those speedy Scandinavians, with their flowing blonde locks, as an attraction to female viewers...

Where are they now? Jack Billingham, Craig Swan, Garth Iorg, Bill Pecota, Biff Pocaroba, Joe Charboneau, Ivan DeJesus, Bill 'Spaceman' Lee, and Mickey Klutts???

This scribe's MVP ballot will look like this:

- American League 1. Joe Carter, Toronto
2. Kirby Puckett, Minnesota
3. Lou Gorman, Boston

(PS: Pitchers, especially 'relief specialists,' do not belong in MVP balloting; for example, Dennis 'I pitch to one batter with a three-run lead and get a save' Eckresley...)

Why doesn't the Tribune Company understand that Cubs' pitcher Greg Maddux can't live on \$28 million over 4 years. My heart bleeds for you, Greg... Look for the Giants to move to St. Pete, can manager Roger Craig, and hire former Reds manager Lou Pinella...

Sorry to hear Magic's making a comeback. Just like old number 33, there's nothing left for him to prove... Quien es mas macho, II? Knicks o Bulls? With the acquisitions of Charles Smith, Rolando Blackman, Hubert Davis, Doc Rivers, and Bo Kimble combined with the loss (addition by subtraction) of Gerald Wilkins and the X-Man, the Knickerbockers look not only to be the class of the East, but to also bring the trophy to the Apple... Do you think Scottie Pippen will get the pre-season off, too?...

Can anybody be worth what the Flyers gave up for the rights to Eric 'Not to be confused with Greg

Maddux' Lindross? He's not even the best player in the state of PA...

Trivia Question of the Week:

Can you name the starting lineup for the 1982 American League Champion Milwaukee Brewers? Mail in responses to sports@the-tech.mit.edu.

Answer to last week's question: Jake O'Donnell, who wore number 8.

MIT TWIB Notes:

Hats off to MIT graduate Eric Daly who was selected to the touring U.S. volleyball team... Led by the offensive prowess of Chantal Wright '95 and the defensive stalwart tandem of Gwen Watanabe '93 and Sue Scruggs '93, the lady Beavers are off to a 9-1 start, including a 5-2 dismantling of Wellesley...

VIX Pick's:

MIT 22, Westfield St. 10: MIT looks to even up their record at 2-2... Miami 31, Penn St. 21: Penn St. will get caught looking ahead to next week's 'showdown' with BC. With a Blockbuster Bowl bid already secured, the Nittany Lions players' are looking forward to ending the game early so they can make the 10-hour drive to Cambridge for MIT's Greek Week festivities... Boston College 17, Wellesley 0: Responding to criticisms of having a schedule full of cream puffs, BC decides to take on NEW 8 power Wellesley during their bye week. Wellesley funnels its rage over locker room address by Barbara Bush into a hard fought 0-0 deadlock at half. The Wellesley marching band, however, plays a Sinead O'Connor medley at half, inspiring the Eagles to their 4th shutout in 5 games... San Francisco 51, New England 6: Patriots looking to hire BC's schedule maker next season... Miami 30, Atlanta 14: Prime Time becomes first player to score NFL touchdown and hit a home run in the same day... Colts 3, Jets 0: Jets are still on cloud nine after victory in 'The game someone had to win - Jets-Pats I: The frolic in The Meadowlands.'

CLASSIFIED ADVERTISING

Cheap! FBI/U.S. Seized: 89 Mercedes: \$200; 86 VW: \$50; 87 Mercedes: \$100; 65 Mustang: \$50; Choose from thousands starting \$25. FREE Information-24 Hour Hotline. 801-379-2929 Copyright# MA12KJC.

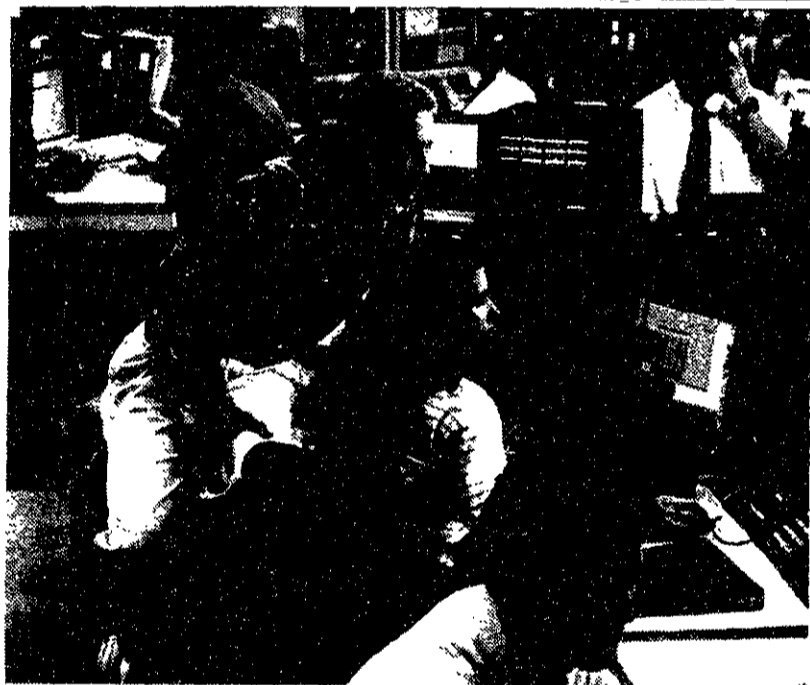
Minority Seniors: Attend the Merrill Lynch I-Banking Info Session for Minority Students. Wed. Oct. 28, 1992 6:30-9:30pm. The Charles Hotel, Cambridge, MA. Send resume marked ML on back: Crimson & Brown 1430 Mass. Ave. #1003, Cambridge, MA 02139 by 10/22. ?? (617) 868-0181.

Bartenders wanted! No experience necessary. Must be a grad student. Start @ \$6.75/hr+tips. Apply @ Thirsty Ear Pub, Thursday 10pm - midnight.

Campus reps wanted. Heatwave Vacations spring 1993. The best rates & the biggest commissions. For more information call 800-395-WAVE.

Foreign accent reduction — Minority seniors, don't let "how you sound" disguise "what you know." Pronouncing English as a second language. Call Accent Improvement Associates, (617) 628-7405 for free interview and appointment for your speech analysis.

The Tech subscription rates: \$20 one year 3rd class mail (\$37 two years); \$55 one year 1st class mail (\$105 two years); \$52 one year air mail to Canada or Mexico or surface mail overseas; \$140 one year air mail overseas; \$10 one year MIT Mail (2 years \$18). Prepayment required.



Don't Miss The Most Exciting
Event To Happen In 6-120...
Wednesday, October 14, 1992, 7-9 pm

You've worked hard...
Excelled academically...
Achieved results...
Now it's time to trade up...

If you possess exceptional analytical talent...want to use sophisticated technology...and thrive on complex intellectual challenges — you will achieve results with SBC/OC.

Currently a joint venture between the O'Connor Partners and Swiss Bank Corporation, we specialize in foreign exchange, interest rates, and Japanese and European equity derivative instruments. SBC/OC has announced its intention to fully integrate into Swiss Bank Corporation's Capital Markets and Treasury Business, which will result in an innovative, client-focused organization poised for global leadership across the full range of financial risk management products and services.

CAREERS IN OPTIONS TRADING

We provide renowned theoretical training coupled with its practical application on an exchange floor or risk management trading desk. We expect you to express your ideas, collaboratively develop dynamic solutions, and assume responsibility for committing capital and managing portfolio risk.

Career opportunities exist in major financial centers in North America, Europe and Asia.

We want to meet you! Learn more about our innovative firm at our presentation in 6-120 on October 14th. For more information, contact the Office of Career Planning and Placement. If unable to attend, direct your resume to: SBC/OC Services L.P., Attn: Professional Recruitment, 141 W. Jackson, Chicago, IL 60604. Equal Opportunity Employer M/F/D/V

SBC/OC Services L.P.

TRADE UP TO THIS CAREER OPTION.

Outreach Program Joins MIT, Youngsters

By Hyun Soo Kim
STAFF REPORTER

Education Outreach, sponsored by the Public Service Center, has initiated partnerships between five MIT fraternities and sororities and five Cambridge elementary schools. The program is a follow-up to the City Days events held in early September.

Kappa Alpha Theta, Zeta Psi, Lambda Chi Alpha, Phi Beta Epsilon, and Chi Phi will each help its partner school through tutoring, after-school sports, trips to the Museum of Science, and other creative activities.

"We are not trying to solve the social problems of Cambridge. We

are not trying to stop crime by reaching out to kids at Cambridge. We are trying to get MIT to reach out to the community. Math and science education is important. It makes sense for MIT students to work on it," said Mark Duggan G, an organizer of the program.

A unique feature of Education Outreach is the freedom that participating living groups have in planning activities. Since Cambridge elementary schools don't have a budget for after-school sports, some living groups are planning sports activities. "We want to show kids that people who do well in school can be fun people to hang around with. We can be the ideal role

model. Young people can establish more of a bond," Duggan said.

Another focus of the program is promoting science and math education in the elementary schools through tutoring, seminars, and other activities. Students in living groups and other students can set up times during the week in which they go to the schools and help as student teachers or tutors. The program is flexible; the only time requirement is one visit a week to a school.

"[The program] will make people here more well-rounded. It will make students become more involved in the community. It will be beneficial for all involved," said Jee Y. Ahn '93, another program

organizer.

Education Outreach coordinators expressed concern about the lack of female students in the program. Ahn said, "The normal social expectation is that men can do math and science and women can't. If kids see only men going to the elementary schools, it reinforces this view."

Program coordinators hope to include 13 living groups in Education Outreach by the spring term.

Interested students can attend an Education Outreach organizational meeting at 7 p.m. Oct. 15 in the West Lounge of the Student Center.



TACOS
BURRITOS
ENCHALADAS

MEXICAN CHICKEN

149 First St.
Cambridge
354-5550

1728 Mass. Ave.
Cambridge
354-7400

Ombudsmen Address Problems

Rowe, from Page 1

see that problems are brought to the attention of appropriate line managers," the description continues.

Although they mainly help employees and staff, they are "happy to talk with any member of the community" about any topics, Rowe said.

Rowe, who is also an adjunct Professor of Management, emphasized that there are other channels for filing grievances, such as the Office of the Dean for Undergraduate Education and Student Affairs, the Graduate Student Office, Campus Police, the Medical Department, housemasters and graduate tutors, Nighline, and Contact Line.

About half of the cases the ombudsmen hear are related to workplace mistreatment and racial, sexual, gender, and sexual orienta-

tion harassment. Other topics include disability-related questions, career discussions, child care, safety, and requests for help in dealing with complaints brought to someone else. Rowe estimated that between 60 and 70 percent of the cases brought to the ombudsmen are resolved.

Occasionally, Rowe and Williams deal with a lighter kind of question, such as planning a hack or praising a well-liked professor.

"Most people in any working environment can't or won't be persuaded to bring a formal grievance" out of fear of retaliation or because they do not know the procedures for filing complaints, Rowe said. "There's a long way to go in terms of prevention" of harassment and other uncomfortable situations, she added.

"The Institute certainly won't change unless somebody brings

[problems] up," Rowe said.

Rowe felt that people come to her and Williams "to learn about what all the options are. ... A great many people want to tailor-make an option to their circumstances."

The ombudsmen keep no formal records, so that the information they collect cannot be used against anybody, Rowe said. She added that roughly 1850 people consulted the ombudsmen last year and 1500 two years ago.

"Whether there's been a real increase is hard to say," Rowe said. She added that it is hard to measure the success of preventive measures by an increase or decrease in the number of cases reported.

With topics such as stalking and unwanted phone calls it can be "a little difficult to know how effective we can be in prevention," Rowe added.

CANOPIE PAINTBALL GAMES



SERVING BOSTON AND SOUTHERN NH

INDOOR AND OUTDOOR PLAYING FIELDS

EVENINGS AND WEEKENDS

TOP-OF-THE-LINE RENTAL EQUIPMENT

INDIVIDUALS OR GROUPS

FULLY STOCKED PAINTBALL STORE

GO AHEAD, MAKE YOUR DAY

CALL 603-893-1863

WINDHAM, NH

CLASSIFIED ADVERTISING

Minority Juniors/Seniors: Attend the Minority Career Forum Dec. 4, 1992, Cambridge Marriot, 10-4. FREE. Meet and interview with 50 employers (Citibank, McKinsey, Reebok, etc.) Send resume by October 22: Crimson & Brown 1430 Massachusetts Ave. #1003, Cambridge, MA 02138. (617)868-0181

Earn extra income — Earn \$200-500 weekly mailing travel brochures. For information send a stamp addressed envelope to: ATW Travel, Inc. P.O. Box 430780, South Miami, FL 33143.

Excellent Extra Income Now! Envelope Stuffing: \$600-\$800 every week. Free Details: SASE to: International Inc., 1356 Coney Island Ave., Brooklyn, New York 11230.

Free skiing & extra cash. Become Wildcat Ski Area's Student Ambassador. Earn cash and ski passes with each 20 tickets. You handle no cash. All tools provided. Call Kristen 617-266-1009 for Boston interview.

Be a spring break rep! Earn free trips and the highest commissions. Cancun, Daytona, & Jamaica from \$159. Call Take A Break Student Travel today! (800) 32-TRAVEL.

Beautiful one bedroom condominium — walk to Central Square/MIT. Exposed brick dining area, hardwood floors, excellent kitchen. Large living room, lots of closets, easy parking, laundry and storage area. \$64,950. Call owner — 646-4602.

LSAT-GMAT-MCAT-GRE Kaplan. The answer to the test question. (617) 630-9330.

\$200 — \$500 weekly. Assemble products at home. Easy! No selling. You're paid direct. Fully guaranteed. FREE Information 24 hour hotline. 801-379-2900. Copyright #MA12KDH.

Alaska Summer Employment — fisheries. Earn \$600+/week in canneries or \$4,000+/month on fishing boats. Free transportation! Room & board! Over 8,000 openings. Male or female. For employment program call 1-206-545-4155 ext. A5033.



Don't Miss The Most Exciting
Event To Happen In 6-120...
Wednesday, October 14, 1992, 7-9 pm

You've worked hard...
Excelled academically...
Achieved results...
Now it's time to trade up...

CAREERS IN OPTIONS TRADING

If you possess exceptional analytical talent...want to use sophisticated technology...and thrive on complex intellectual challenges — you will achieve results with **O'Connor & Associates**.

We're a premier technology-based securities trading and financial risk management firm specializing in U.S. and Canadian equity & index options, convertible securities and other derivative instruments. O'Connor & Associates will be integrated into a Swiss Bank Corporation subsidiary once regulatory approvals have been received.

We provide renowned theoretical training coupled with its practical application on an exchange floor or risk management trading desk. We expect you to express your ideas, collaboratively develop dynamic solutions, and assume responsibility for committing capital and managing portfolio risk.

Career opportunities exist in major financial centers in North America and Europe.

We want to meet you! Learn more about our innovative firm at our presentation in 6-120 on October 14th. For more information, contact the Office of Career Planning and Placement. If unable to attend, direct your resume to: **O'Connor & Associates, Attn: Professional Recruitment, 141 W. Jackson, Chicago, IL 60604.** Equal Opportunity Employer M/F/D/V

O'CONNOR & ASSOCIATES
TRADE UP TO THIS CAREER OPTION.



Hold a piece of tape up to your eyes, dim the lights and try to fill out your taxes.

Now you're seeing things from her point of view.

Almost everybody has to file taxes, but not everyone can do it on their own. Volunteer and help make someone's taxes less taxing. Call 1800 424-1040.



Art Debate Focuses on Location

Art, from Page 1

in one of the quiet, dark places, it should blend in."

Location a key factor

Peter M. Gast '93 said, "If the art is on the first or second floor it should be subtle or unobtrusive, so I could go to it, instead of it coming to me."

"It should be dynamic," said Matthew K. Gray '95. "It should reflect the fact that everybody is moving there."

"If you are targeting students, you would get more benefit off the first floors," said Steven G. Johnson '95.

Glenn R. Berry '92 disagreed: "If you are aiming at the students, I would say that the fourth and fifth floor lobbies would be best."

"The fourth floor seems like such a personal area," added Gray, "that a lot of people would feel like [the art] was an intrusion of their space. It seems to me that putting something on the fifth floor seems more appropriate."

Students also discussed the possibility of placing the work outside near the front of the Student Center. However, Johnson pointed out that with Boston's weather "half the year it will be damn cold outside and people will not stop to see it."

Art project's purpose discussed

The discussion also centered

around the idea of who the art project would be for, and who it would represent.

"Do we want a work that represents the students to anyone that comes in or one for the students?" asked Associate Provost for the Arts Ellen T. Harris.

Ted E. Johnson, program coordinator for the Campus Activities Complex, suggested that since such a large number of visitors come through the Student Center every day, the art could be used "so that people coming off the streets can get to know who MIT students are."

Richard J. Barbalace '94 quickly warned that such a presentation might ignore the fact that "MIT, first and foremost, is supposed to be a school. The administration often puts on a show [for outsiders]... and tends to forget that the students are here."

"To what extent is it going to be public art [for the community] or private art [for the students]?" asked Harris.

Many students had their own ideas of what the work should look like, or how it should make people

feel.

"Things that go along with the style and spirit of the hack are the type of thing that MIT students would appreciate," said Gray.

Newell said that the art should be "the combination of clever, amusing, and pretty."

James A. Weissburg '52 suggested something that "looks different every time you see it. It should change with the season, time of day, and cloudiness outside."

"Having something where the lighting would change and the images would change would be a nice thing to see," added Barbalace.

Harris was pleased with the meeting's progress. "We have now hit upon a whole series of ideas... that represent what MIT is doing."

At the next meeting in November, Harris will show sketches of some of her preliminary ideas, inspired by comments at this meeting. A fourth meeting will be held in February to finalize ideas about the project. The piece of art is scheduled to be in place by September of next year.

MSA Aids Observance

MSA, from Page 1

community, he added.

The group traditionally brings

the Muslim community together in the yearly celebration of Eid and the holy month of Ramadan, Hasanein said. Eid occurs at the end of hajj — the time of the yearly pilgrimage to Mecca. Ramadan, also known as the "fasting month," will occur between mid-February and mid-March this year. During this month, no food may be consumed during daylight hours. Every day of Ramadan, the MSA holds an after-sunset meal in the prayer room.

The MSA also is involved in a number of fundraising projects each year, according to Hasanein. In previous years, it has collected humanitarian donations for Yugoslavia, Bangladesh, and Palestine.

However, "it's not a politically oriented group," Hasanein said. "Individual members may have political causes, but it's not a main objective of the group."

The MSA also sponsors conferences and seminars on Islam-related topics, Hasanein said. In addition, it maintains a library of Islamic books and journals.

**COMICOPIA'S
FALL SALE!**

OCTOBER 14 - 18

30% - 50% OFF

MOST EVERYTHING IN THE STORE!

OCT. 14 - EARN COUPONS FOR BIG EXTRA DISCOUNTS!
OCT. 15 - BONUS BAGS WITH EVERY \$10+ PURCHASE!
OCT. 16 - HOURLY DRAWINGS FOR GIFT CERTIFICATES!
OCT. 17 - HOURLY DRAWINGS FOR \$500 IN SURPRISES!
OCT. 18 - EXTRA DISCOUNTS ON SELECTED ITEMS!

COMICOPIA
 464 COMMONWEALTH AVENUE
 KENMORE SQUARE • BOSTON
CALL "COMIC -66"

SPEECH & DIGITAL SIGNAL PROCESSING, STRUCTURAL DYNAMICS, PARALLEL PROCESSING, STATISTICAL DATA ANALYSIS, SOFTWARE, LIFE SCIENCES, ARTIFICIAL INTELLIGENCE, ENVIRONMENTAL AND UNDERWATER ACOUSTICS, SIMULATION AND TRAINING SYSTEMS, WIDE-AREA COMMUNICATIONS NETWORKS, SPEECH & NATURAL LANGUAGE PROCESSING, UNDERWATER SENSOR, AND SURVEILLANCE **UNSURPASSED** SYSTEMS, EXPERIMENTAL **SURROUNDINGS** PSYCHOLOGY, APPLIED **FOR ACHIEVEMENT** PHYSICS

SPEECH & DIGITAL SIGNAL PROCESSING, STRUCTURAL DYNAMICS, PARALLEL PROCESSING, STATISTICAL DATA ANALYSIS, SOFTWARE, LIFE SCIENCES, ARTIFICIAL INTELLIGENCE, ENVIRONMENTAL AND UNDERWATER ACOUSTICS, SIMULATION AND TRAINING SYSTEMS, WIDE-AREA COMMUNICATIONS NETWORK, LIFE SCIENCES

At Bolt Beranek and Newman Inc. (BBN), we take pride in offering our 2,000 employees worldwide an environment that is supportive, flexible and truly committed to excellence—a level of excellence that has earned us a position of international leadership in providing technologically superior systems and software incorporating advanced communications, simulation, acoustics and data analysis capabilities.

Whatever area of specialization you enter at BBN, you'll benefit from career enhancement programs such as our tuition reimbursement plan and from our full schedule of in-house professional development programs.

You'll benefit, too, from an exceptional workplace offering libraries, exercise facilities and advanced computer tools...with all the academic, professional and cultural resources of Cambridge close by.

Simply put, we believe that the possibilities for achievement are as unlimited as your capacity for growth. At BBN, you'll find yourself surrounded with opportunities to grow — in contract research and development...in building medium- to large-scale systems...in developing, selling and supporting applications software products.

So if you're an EE, CS, Applied Math or Physical Sciences graduate (or soon to be one), make the career choice that some of the sharpest scientific minds are making...choose BBN.

Sign up with your Career Services Office for our on-campus interviews, or send your resume to Dept. CR, Bolt Beranek and Newman Inc., 150 CambridgePark Drive, Cambridge, MA 02140. We are an Equal Opportunity Employer M/F/D/V.

We will be on campus October 19th

Did You See That?

Tell The Tech:
253-1541

NOW IS THE TIME...

...TO BOOK FOR THE HOLIDAYS!

LONDON	379
PARIS	458
ROME	498
TEL AVIV	648
SAN JOSE, C.R.	450
TOKYO	759
TAIPEI	869

Round Trip fares from Boston. Taxes & surcharges not included. Travel restrictions apply. All tickets need to be purchased by Oct. 31, 1992. Fares subject to change.

Council Travel
 Stratton Student Center
 M.I.T. W20-024
225-2555



NOTICES

OCTOBER 26

Simmons College will hold its semi-annual Warburg Conference entitled "The Brain Drain" presented by Dorothy Zinburg, lecturer and senior research associate at the Center for Science and International Affairs at the Kennedy School of Government at Harvard, at 4:30 p.m. in the Trustman Art Gallery, Simmons College. The conference is free and open to the public. For more information, please call 738-2124.

MIT's Environmental Engineering Education and Research will be sponsoring a Center for Talented Youth Environmental Studies Day at MIT. The day long program will focus on showing eighth and ninth grade student the careers available to them if they continue in math and science. If you would like to volunteer to lead a workshop session please notify Prof. David Marks (Room 48-305, 253-1992) or Prof. Judith Kildow (Room 5-214, 253-5310).

OCTOBER 29

The New England Aquarium announces the Lowell Lecture Series, "The Spirit of the Greak Auk: Metaphor for the endangered wildlife." The presentation is free at 7:45 in the Aquarium's auditorium. Please mail reservation requests to Lowell Lectures, New England Aquarium, Central Wharf, Boston, Mass. 02110.

NOVEMBER 4

Lecture: Dr. Charles R. Scriver, professor of biology, human genetics, and pediatrics at McGill University in Canada, will speak on changing perspectives on child health, genetics, and the environment in a free public lecture sponsored by the Whitehead Institute for Biomedical Research at 6:30 p.m. in room 10-250. For more information, call 258-5183.

Understanding Female Behavior
 by the Behavioral Research Institute
 All the newest findings from the world's leading psychologists and psycho-biologists combined into a plain English guide to female behavior.

- Easy steps for establishing and maintaining a healthy relationship.
- Dramatically improve your interactions with women both socially and professionally.

Send \$16.95 to: Brandenburg Publishing, P.O.B. 16893, Beverly Hills, CA 90209-2893.
 For free details or to order by MC / Visa: 310-281-9800

Harvard-Epworth United Methodist Church

1555 Massachusetts Avenue (opposite Cambridge Common)

Sundays, 9 and 11 a.m.



Teradyne
 The right place for you.



Tom Conner
 Software Engineer
 Electronic Design Automation
 Boston, MA

BS, Electrical Engineering
 Cornell University, 1989

"The emphasis at Teradyne is on the work done, not on the clothes you wear or the size of your office."

Teradyne is the right place for people like Tom Conner. It's a stimulating environment that challenges people every day. You're free to do the things you think need to be done, with a minimum of rules, regulations, and bureaucracy. We want people who don't need to be led by the hand. We want talented, bright people with new ideas and the initiative to give those ideas a shot.



You'll have plenty of opportunity at Teradyne. We're a \$500 million electronics company that competes in the global market, working with the world's largest companies. Our technology is unmatched, and our commitment to Total Quality Management is unwavering. In other words, we're big... but not too big!



If you want to learn more about your place at Teradyne, visit your Career Services Office, or see us when we're on campus.

TERADYNE

An Equal Opportunity Employer

We will be on campus October 22, 1992

At QUALCOMM, you get your own office and set your own hours.

*"Then you get to prove
you're worth it."*

—Charlie Sakamaki joined QUALCOMM in early 1991 right after graduating from M.I.T. with a BSEE and MSEE. A hardware engineer, Charlie is an ASIC designer for our Vocoder ASIC.



What kind of company works like that? Find out for yourself.

**Attend a special preview of the QUALCOMM story at
5:00 PM, October 20, Rm. 4-153
the night before our on-campus interviews.**

It's interesting what happens when you give extraordinary people an extraordinary amount of autonomy and support.

They innovate like crazy. Then their company takes off and grows like very few others have.

Case in point: San Diego's own QUALCOMM. We've gone from 8 employees in 1985 to over 750 today. That makes us one of America's fastest growing high-tech companies.

It also doesn't hurt to have the company launched by communications visionaries like Dr. Irwin M. Jacobs and Dr. Andrew J. Viterbi.

The trick, of course, is to keep the entrepreneurial spirit flourishing despite phenomenal growth. That's why we give our engineers as much freedom and encouragement as possible. This includes an open door policy company-wide, the latitude to set your own hours, the private space provided by your own office, and more.

In response, QUALCOMM people have spearheaded many of our industry's most challenging technologies. Among them are spread-spectrum CDMA digital cellular telephone systems, mobile satellite communication networks, HDTV image compression, full custom ASIC design, and more.

We'll throw in the ocean—free.

Along with a highly stimulating work environment, you'll also enjoy the Southern California lifestyle, which features one of America's most temperate climates. And QUALCOMM is less than a mile from the Pacific Ocean.

If you're working towards a degree in Electrical/Electronics Engineering, Computer Science, Computer Engineering, Physics, Math or Manufacturing Engineering, be sure to attend our special preview the night before our on-campus interviews. You may also mail, fax or send us your resume with transcripts by internet. QUALCOMM, Human Resources, 10555 Sorrento Valley Road, San Diego, CA 92121. FAX: (619) 452-9096. Internet: jobs@qualcomm.com Or call: (619) 587-1121, ext. 1097 for our jobs hotline. Equal Opportunity Employer.

*Next generation digital communications.
And the next.*



Rugby Team Continues Streak

By Darryn Waugh
TEAM MEMBER

The MIT men's rugby club continued its good start to the fall season with two more victories, at Dartmouth College Old Boys, on Saturday. The A team maintained its unbeaten record, winning 32-7, while the B-team scored its second straight victory, winning 25-5.

In the A team game, MIT dominated its opponents in nearly every aspect of play. The forwards won the majority of the balls with good rucking and mauling. Yves Kissenpfennig '95 and Paul Larson G, in particular, had strong games. The backs made good use of the ball with good tactical kicks and strong running.

Inpachelvan Vithiananthan '88 scored the first try after good pressure from the MIT scrum. The sec-

ond try was a repeat of last weeks game, with David Stracher '89 scoring after a break by Ben Paul '88. Chris Perry G converted both tries and MIT led 14-0 at the interval.

MIT maintained its dominance in the second half, scoring four tries to one. Mark Johnson G capped a fine game by scoring two tries, with Darryn Waugh and captain Greg Thomas G scoring the others.

In the B team game MIT again started slowly, and conceded the first try. But MIT came back strong-

ly and took control of the game. The forwards dominated their opponents and made many crashing drives, with Harris Gilliam '93 and Mark Ciero G standing out. The backs made excellent use of the ball given to them by the forwards, and put on a fine display of passing and running rugby.

MIT ran in five tries, with Gajen Kandiah, Matt Cutler '95, Tim Lawrence G, Dalero Berkley '93, and Kenadid Ahmed scoring, to record an excellent victory.



DOUGLAS D. KELLER—THE TECH
Sweeper Sasha Miteiman '93 kicks a shot just wide of the Brandels goal during MIT's 3-0 loss yesterday.

Two Juniors Win Doubles Tournament

By Roger Crosley
SPORTS INFORMATION OFFICE

Alan Walpole '94 of Turanga, New Zealand turned in a strong performance in the Rolex New England Division III Championship Tennis Tournament last weekend at MIT. Walpole was runner-up in the singles competition, dropping a straight set decision to a competitor from Wesleyan University. Walpole teamed with fellow junior Jay Muelhoefer from Brussels, Belgium, to win the doubles title. Muelhoefer and Walpole will now travel to Corpus Christi, TX, to compete in the Division III national championships later this month.

Women's tennis

The women's varsity tennis team has compiled a 7-0 record to begin the 1992 season. That is the best season opening record in the 18-year history of the program.

Golf

Golfer Doug Yeum '96 had a big week last week. Yeum, of Great Neck, NY, shot an 81 in the Constitution Athletic Conference Tournament at the Wellesley Country Club. Yeum was named to the All-Conference Team, and led the Engineers to a 2nd place finish in the tourney. Later in the week, Yeum's score in the ECAC New England Regional Tournament in Middlebury, VT, qualified him for the ECAC Championship Tournament, to be played at the Colgate University course in Hamilton, NY.

Football

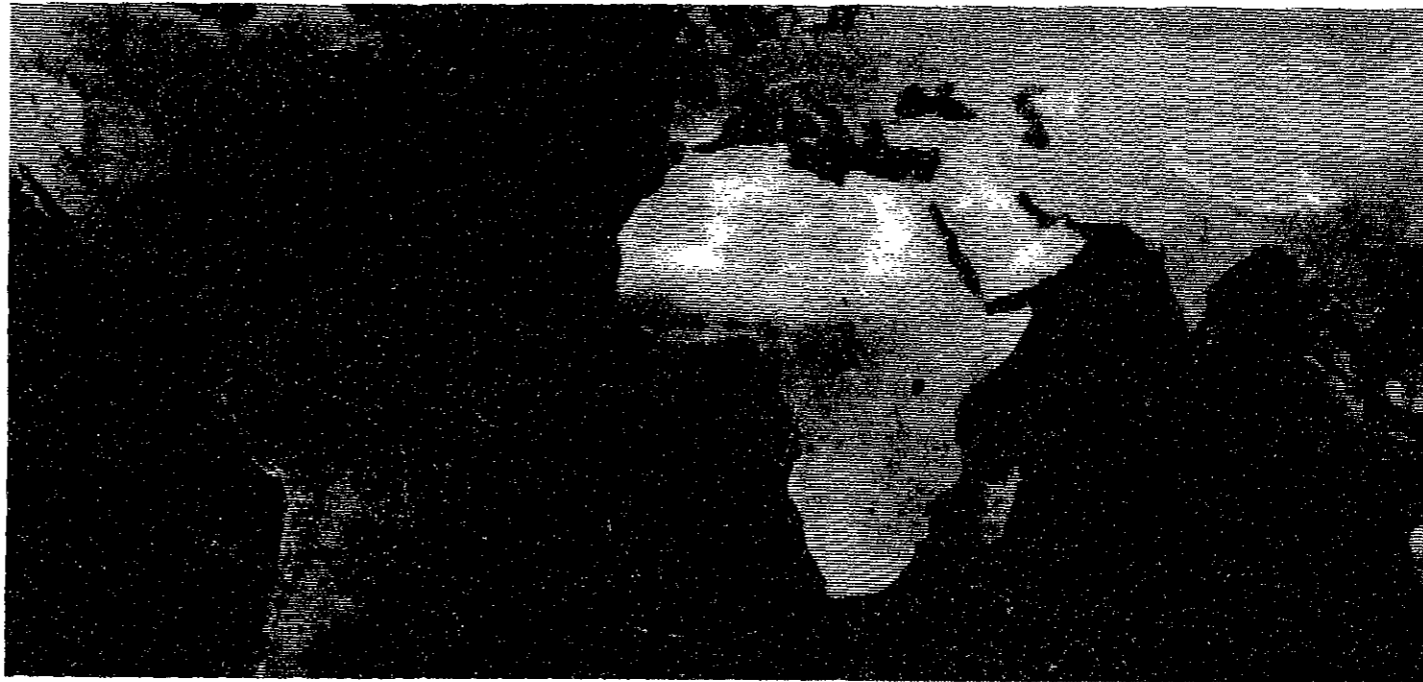
Safety Calvin Newman '96 became the second Beaver player in as many weeks to be honored by the Eastern Collegiate Football Conference (ECFC) and the Eastern College Athletic Conference (ECAC). Newman, who hails from Los Angeles, CA, had 17 tackles, including 10 solo stops in MIT's 43-14 loss to Bentley College. Newman was named the ECFC Defensive Player of the Week and was named to the ECAC New England Division III Weekly Honor Roll.

Volleyball

Coleen Kaiser '94 of Barneveld, WI, was named to the all-tournament team in last weekend's MIT Invitational Tournament.

Ph.D., Post Doc, and M.S. in all areas of Chemistry.
Ph.D., Post Doc, M.S. and B.S. in Chemical Engineering.

Working on some of the most complex technology in the world could give you quite a lesson in geography.



That's because Colgate-Palmolive's operations stretch across the globe. From America to the far reaches of New Guinea. With consumer products marketed in over 160 countries and manufactured in 60, there's a lot you can learn.

Think, too, what you can accomplish.

Our research and development has, in fact, created a diverse line of consumer products exceeding \$8 billion in sales. From oral care to personal care, from household surface to fabric cleaning, our products benefit people around the world.

In addition to international exposure, you will find that our Corporate Technology Center in Piscataway, New Jersey is one of the most advanced facilities in consumer products. We use all our considerable resources to advance our science, develop cost-effective process technology and help bring to market products that improve the quality of life around the world.

Work of this scope requires a wide range of disciplines, and the kind of professionals who enjoy working in multidisciplinary teams, while being challenged by the sophistication of our science and engineering.

If you are looking for a company that values individual contributions, prizes

innovation and rewards technical abilities, join us at our Career Opportunities Presentation. This is one career move that can make a world of difference.

On Campus Interviews

Thursday, October 15th and
Friday, October 16th

Graduate Students and Post Docs

- Chemistry (sign-up at Chemistry HQ)
- Chemical Engineering (Student Office)

Colgate-Palmolive will present career opportunities for Graduate Students and Post Docs in Chemistry and Chemical Engineering on Wednesday, October 14, at 4:30pm in Building 18, Room 490 (Norris Room)

Undergraduate Chemical Engineering Majors

- Office of Career Services
- Limited availability, so sign up early

For more information, call collect Dr. Donald Hsu, (908) 878-6139
Colgate-Palmolive Company
Technology Staffing Department
Dept. MIT, 909 River Road, P.O. Box 1343
Piscataway, NJ 08855-1343

We are committed to a culturally diverse workforce m/f/h/v.

If you are interested in
writing sports for



send e-mail to:
sports@the-tech.mit.edu



COLGATE-PALMOLIVE COMPANY

Working together for a better world.

NEW

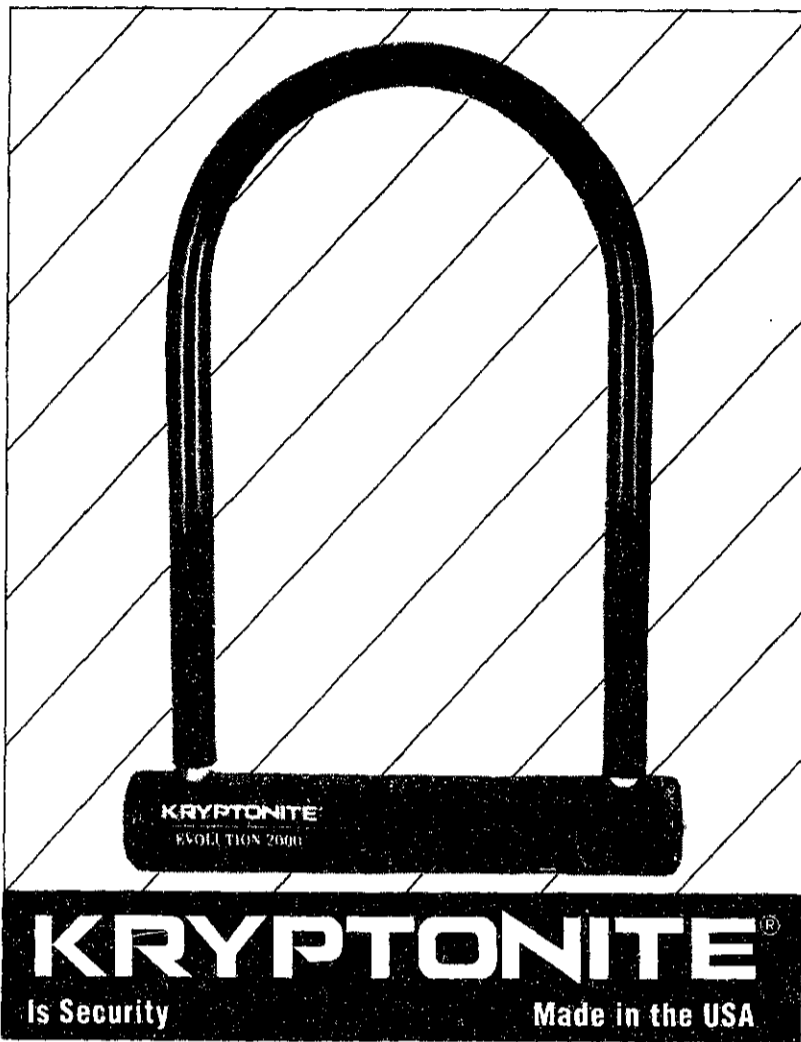
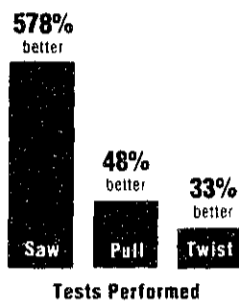
The toughest bike lock in the world... Evolution 2000™

For over 20 years bike thieves have been teaching us how to make the toughest bike locks in the world.

Here's our best... Evolution 2000™. Designed specifically to meet the demands of high bike theft areas and lock-up situations requiring maximum security.

EV 2000 tested strongest against common methods of U-lock breakage.

*Comparison with leading Taiwanese 1/2" thick U-locks.



©1992 Kryptonite Corporation
320 Turnpike Street
Canton, MA 02021
All rights reserved

FREE Offer

Purchase a K-4 Plus, Rock Lock or Evolution 2000™ U-lock and get a free Kryptonite Carrying Bracket or Water Bottle.

To qualify, please fill out this coupon and check product choice.

Name _____

Lock purchased _____

Address _____

City _____ State _____ Zip _____

You must also have dealer sign, date and stamp this coupon for either item.

Dealer signature _____

Date _____ Dealer stamp _____

To qualify, please send coupon by 11/15/92 to:
Kryptonite Corporation
320 Turnpike Street
Canton, MA 02021
Attn: CP92



Coupon expires October 31, 1992
One coupon per lock purchased
may be used. Improper use of
this coupon constitutes fraud.

- For Water Bottle:** Send this completed coupon with dealer information and a copy of your sales receipt to receive a free water bottle from Kryptonite.
- For Carrying Bracket:** Give this completed coupon to the dealer when you buy your Kryptonite lock and receive a free bracket. The dealer must then return the signed, dated and stamped coupon for bracket replenishment.

At Morgan Stanley, the Finance, Administration & Operation (FA&O) division is responsible for improving the firm's overall performance by providing high-quality services, developing innovative business approaches, and contributing to our global efforts by creating a competitive advantage.

- * Information Services * Credit
- * Controllers * Brokerage Operations
- * Treasury * Internal Audit
- * Streamline (Internal Consulting)

We are planning for the future, not simply staffing for the short term. Depending upon the FA&O area you're interested in, you will handle responsibilities ranging from designing and maintaining global information and communications systems, monitoring firm-wide financial performance, and forecasting and meeting long-range capital requirements.

So if you'd like to play an integral role with one of the leading global investment banks, please plan to meet with us when we visit your campus. Contact your Placement Office, or send a resume to: Catherine Subotich, Manager, Trainee Recruiting, Morgan Stanley, 1633 Broadway, New York, NY 10019.

MORGAN STANLEY
Morgan Stanley Is An Equal Opportunity Employer.

We invest in global markets, emerging technologies, and you.

Your learning process doesn't end with graduation. We offer challenging opportunities in the following FA&O areas:

Baseball Fan Tours Nation's Stadiums

Column by Danny M. Su
STAFF REPORTER

Another baseball season has finally come to an end. When I made my predictions six months ago, I received comments ranging from "This %&*! guy doesn't know anything about the Pirates" to "Does this guy know anything about baseball?" I must confess now that I was wrong in picking the Mets and the Reds to win their respective divisions, but I was dead on in picking the Athletics and the Blue Jays. It is quite obvious that my knowledge of the National League has deteriorated over the years, since I only play rotisserie league baseball with the American League.

So, instead of making more stupid predictions about the League Championships and the World Series and receiving more complimentary comments, I have decided to write a little review about cities and stadiums I toured at the end of summer.

About a month before my buddies and I went on this six-city tour, I wrote letters to each team's director of public relations. I used my Tech affiliation to try to reserve tickets in advance. The Yankees, the White Sox, and the Indians were very unfriendly and didn't even respond to me. The Blue Jays called me after I had already left for the trip. The Reds sent me a letter and told me that I could purchase tickets over the phone.

The Tigers' response, however, was by far the funniest of them all. They sent me a Tigers pocket schedule, a team logo sticker, and a letter which basically said "Since we are really bad this year, there is no chance for a sell-out at any game. Just drop by the stadium and purchase tickets at game day." The Cubs were the best. Lori Boike, who works in their PR department, called me and asked me if I would like to purchase some tickets. I then asked her what seats were available. She responded, "Anywhere you like." I was surprised and proceeded to say, "I thought Cubs tickets were difficult to obtain." She responded, "Not in our department!" Well, I have become a Cubs fan as a direct consequence of Lori's good work.

Our first stop was Yankee Stadium. The stadium is an awesome sight. The place drips with tradition, far too much to absorb in one visit. Just like the old Adidas commercial, there is nothing like the smell of freshly cut grass at Yankee Stadium. This unique experience is costly, though. The cheapest ticket

was \$9.50, and the food, as always, was expensive. The ushers were very unfriendly. Although the stadium was practically empty, one of the ushers decided that he didn't like us and kicked us out of his section, which we didn't have tickets for.

The next day was traveling day, and we drove straight from New York to Cleveland on Interstate 80, which had construction everywhere and was about as smooth as Vassar Street. Cleveland didn't give us a good first impression with its abundance of factories, and we didn't stay in the best neighborhood, either.

We went to Cleveland Stadium the next day. It was by far the most exciting stadium. You could get in for \$5.00, and the food was relatively cheap. And you couldn't tell that the Indians were near the cellar of the division from the fans' spirit. Inside the stadium, there are plenty of fun activities, including having your fastball clocked by a radar gun and making your own baseball card. The scoreboard is like the one in "Major League," and brings fans both action and humor. After the Indians turned a double play, the scoreboard showed a baby crawling to blow up two candles on a birthday cake. Then it flashed, "Just Turned Two."

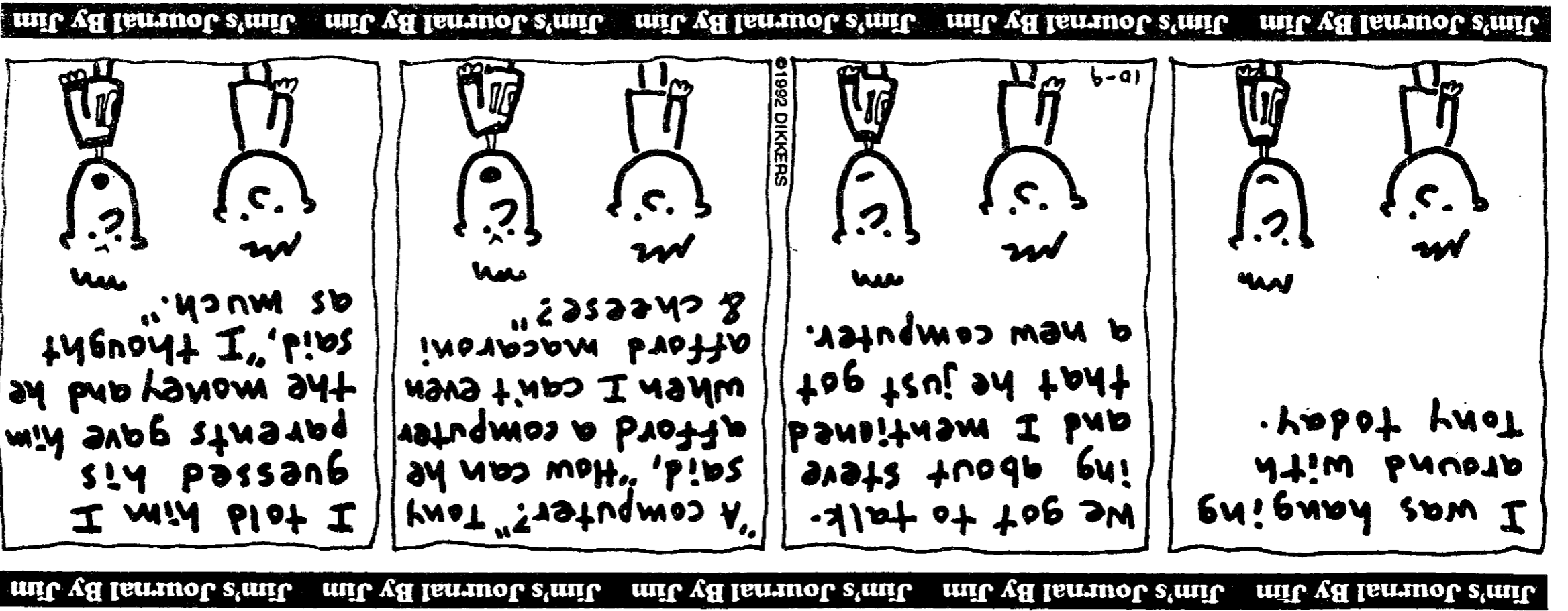
Our next stop was Cincinnati. It was the cheapest stadium, with the cheapest tickets going for just \$4.00. And you could buy hot dogs or ice cream for \$1.25, and a 32 oz. beer was \$2.50. Cincinnati is a real family park. Like Cleveland Stadium, you could have your fastball clocked and all sorts of other stuff. There is no better bargain to be found anywhere else.

From Cincinnati we headed toward the windy city of Chicago. Our experience with the new Comiskey Park was not a pleasant one, as our local host refuse to drive to the stadium. We were told that the park is in a terrible neighborhood, but I couldn't tell. The stadium has some of the best facilities, including a restaurant behind the right field fence. We almost witnessed baseball history as Toronto's Todd Stottlemyre carried a perfect game through five innings. But he lost his perfect game in the sixth and his no hitter in the eighth inning. But the White Sox fans were terrible! In a one sided game that was decided after three innings, they were cheering Carlton Fisk to get a walk in the sixth inning! And when Dan Pasqua, who made two errors to prolong the top half of the inning, broke up the no-hitter, the fans didn't even give Stottlemyre a standing ovation. As a matter of fact, we were the only ones who stood up and cheered for him.

After an off day in the city, we went to the friendly neighborhood of Wrigley Field. According to our local host, Wrigley has the best French Fries. I thought they were OK at best. But I felt cheated because I paid \$16.00 for the ticket and Ryne Sandberg, who will be paid \$7 million dollars this year, didn't even hustle down the first base line on a ground ball. As a matter of fact, none of the stars I saw on the trip put in 100% effort. Only the rookies hustled all the way.

From Chicago we went to Detroit. Tiger Stadium is the oldest stadium in the American League. Although it is a beautiful stadium, there are too many obstructed-view seats. There are some fun activities inside the park, though. The Tigers would occasionally pick a row and give everyone free popcorn. Vendors outside the stadium sell many good and cheap souvenirs, like \$5.00 T-shirts and \$5.00 hats.

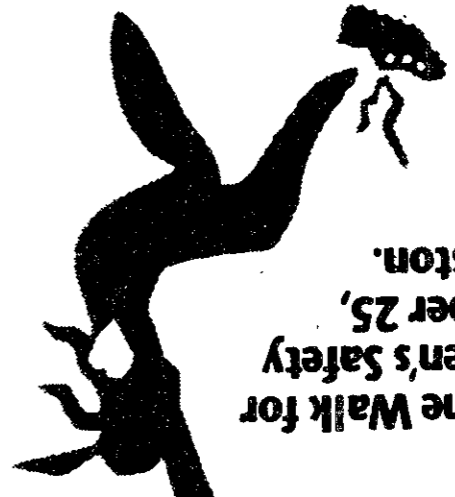
We were looking forward to Toronto's SkyDome, but wound up catching only the miserable Mets, and then our road trip ended.



To reach us ...

Letters to the Editor: letters@the-tech.mit.edu
 Sports Submissions: sports@the-tech.mit.edu
 News Department: news@the-tech.mit.edu
 Arts Department: arts@the-tech.mit.edu
 Subscriptions: circ@the-tech.mit.edu
 Advertising: ads@the-tech.mit.edu
 Other: general@the-tech.mit.edu

TAKE STEPS TO END DOMESTIC VIOLENCE



Join the Walk for Women's Safety
 October 25,
 in Boston.

Help the Jane Doe Safety Fund break the cycle of violence by joining our 10K walk, Sunday, Oct. 25. For more information, call 1-800-232-WALK.

The Walk for Women's Safety
 To benefit the Jane Doe Safety Fund
 A Project of the Massachusetts Coalition of Battered Women Service Groups



WBZ TELEVISION

WBZ RADIO

WBZ NEWS

WBZ SPORTS

WBZ MUSIC

WBZ CHILDREN

WBZ NEWS

WBZ NEWS

WBZ NEWS

WBZ NEWS

This space donated by The Tech.

The Information Technology Division of

Goldman, Sachs & Co.

will be on campus 10/15

To explore opportunities with us
 to contact your Placement Office
 to schedule an interview.

Our Information Technology Division is truly a state-of-the-art operation. Our commitment is to provide the technological resources globally to support the varied interests of our clients throughout the world.

The objective of our program is to train and provide practical experience to candidates through a series of technical and industry-oriented modules. Upon completion of the training, the participant will be assigned to a position in Information Technology.

If you are a motivated, high academic achiever and expect to receive a degree in Computer Science, MIS, Math or Engineering, and have some knowledge of COBOL and/or "C" language, we encourage you to speak with us.



Goldman, Sachs does not discriminate in employment on the basis of age, race, color, religion, sex, national origin, disability, veteran status or any other basis that is prohibited by federal, state or local law.

SPORTS

Men's Crew Wins Gold in Fours and Eights in Textile Regatta

By Lorin Theiss

TEAM MEMBER

The men's varsity heavyweight crew continued its successful season by contributing to the capture of the overall points trophy in Sunday's Textile River Regatta. This was the second year MIT won the trophy. The Engineers accumulated more than twice as many points as their nearest competitors.

In the morning open four event, MIT's heavyweight men entered six boats, all of which placed in the top nine of the 15 competitors. The top three MIT boats captured the top three places. The first two MIT fours began the race with a staggered start and fought competitively over the three-mile course, sprinting

neck-and-neck to the finish.

Taking the gold medal with a time of 18:47.0 were Steve Britten '94, Lorin Theiss '94, Jeff Tomasi '95, Bill Ramsey '93, and coxswain Neeraj Gupta '94.

The second four crossed the finish line with a time of 19:05.8, and the third four tied with Bates for a time of 19:25.67.

"The team is extremely fast this year," Gupta said. "The guys are much stronger and in better shape than past years."

MIT continued its success with a first place finish in the men's open eight. MIT rowed aggressively to finish in a time of 17:09, only six seconds ahead of Trinity. UMass-Amherst (17:16) finished third, and

last year's winner, Coast Guard, took fourth with a time of 17:21.

The eight was rowed by Jed Macosko '94, Theiss, Britten, Guillermo Peschard '94, Kevin Corgan '93 (captain), John Li '93, Tomasi, Ramsey, and Gupta.

"It was a very tough race after the morning's four event, but everyone went all out," Ramsey said. "That's what it takes to win races."

This was the first time MIT has brought home a gold medal for this event. Other MIT crews placed sixth, ninth, and 13th with times of 18:10, 18:41, and 20:02.

MIT will row tomorrow at the New Hampshire Championships. The team returns home for the Head of the Charles on Sunday, October 18.

X-Country Performs at Invitational

By Agnieszka Reiss

TEAM MEMBER

The women's cross country team placed second in a field of seven teams in last Saturday's Connecticut College Invitational meet.

The entire team performed well on Connecticut's extremely hilly course, and scored only 51 points to the host's 21 while holding 3rd place Fairfield to 79 points. According to coach Joe Sousa, the MIT women "tried hard to run together in order to be able to help each other stay focused through a tough course, and were quite successful at it."

Leading the Beavers were

Agnieszka Reiss '95 and Marjorie Delo '95, who finished fourth and fifth, respectively. Stefanie Spencer '93 was close behind, crossing the finish line in eleventh place, and Gowri Rao '93 and Evelyn Kao '95 followed in fifteenth and seventeenth. Cynthia Mowery '93 and Ann Marie McAnich '96 came out of the woods a few seconds later, giving MIT depth, which is essential for any team.

"Today's race was a total team effort," said Delo. "Everybody ran as well as they could." Kao concurred, saying, "I'm very happy with our improvement over the past few meets. Hopefully we'll be able

to keep it up as the season goes on." Not only the front group but the entire team has been running closer and closer together in every meet, developing strength and depth.

Sousa was pleased, too, explaining that MIT is starting to pose a threat to teams that have beaten the Beavers soundly in the past. "There is still a lot of work to be done, though," he added. "We're about halfway through the season now, so there are many challenges out there for us. Hopefully we will be able to meet them."

The next such challenge is this afternoon, when MIT travels to Wellesley.



DOUGLAS D. KELLER—THE TECH

Defenseman Brian DiVasta '95 leaps for a head ball during MIT's 3-0 loss to the Brandeis Eagles yesterday.

When You're Considering
An Analyst Position in Investment Banking,
Consider One More Thing.

Consider the investment bank that is uniquely in tune with the abilities and aspirations of the people who comprise it. Where high professional standards are reflected in principled every day practices. Where the talent of each individual is an integral part of the team effort. And where those who choose to accept the challenges set before them grow both personally and professionally.

In Short, Consider
Investment Banking
at Goldman Sachs.

Goldman Sachs
Financial Analyst Program
Information Session

Thursday, October 29, 1992
Room 4 - 163
6:30 p.m.

All undergraduates
are welcome to attend.
Refreshments will be served.



GARBER TRAVEL

wants to send you
HOME FOR THE HOLIDAYS!

We guarantee the
Lowest Available Airfare
to your
Hometown!

call your nearest Garber Travel Agent at:
1105 Mass. Ave. CAMBRIDGE 492-2300

**BOSTON
SAIL LOFT**
Cafe & Bar

With the purchase of one brunch entree,
receive another with our compliments.

Sunday Brunch is served noon til 3 p.m., includes
a Bloody Mary or Mimosa and typically features:

Eggs Benedict	Poached Salmon
Belgian Waffles	Hot Turkey Platter
Corn Beef Hash	and much more...

- Footsteps from the Kendall Square T stop
- Indoor parking
- Private room available
- Coupon valid Sun-Thurs after 5 p.m. at the Cambridge location only
- Not valid for take-out, daily lobster special, and Big Deal dinners
- Please call 225-2222 for directions and reservations

Coupon expires 12/6/92