

THOMAS R. KARLO—THE TECH

Susanna Oiva holds her daughter Alejandra as Officer Paul Baratta takes her foot print, to be combined with her photo and other information to create an identification card for her parent to retain. The child identification program was a part of the MIT Campus Police Department's Child Care Day.

Student Robbed In Central Square

By Sarah Y. Keightley
EXECUTIVE EDITOR

An undergraduate student was the victim of an armed robbery on Pearl Street, two blocks west of Massachusetts Avenue, at 10:45 p.m. on Sunday night.

It was not clear if the assailants had a handgun though they said they did, according to the victim, Josh Hartmann '93. Hartmann was not injured, but the two assailants stole \$30 and Hartmann's bank ATM card.

Both of the suspects were described as black, 20-year-old males, 6-foot tall, 170 pounds, according to the Cambridge Police Department report. Both were wearing black, knit caps and dark sweatshirts.

Hartmann said he was walking alone on the right side of Pearl Street, near Franklin Street, and the two assailants were standing in a walkway between two buildings.

Because "I didn't see [the assailants] until I was almost there, there was no real opportunity for me to change directions," Hartmann

said. "When I approached them, I knew right away that I was in trouble," he said. It was "almost as if they were waiting for me," he said.

When he approached the two, one asked him to step in the alley because the other had a gun. "The other guy looked as if he had a gun although I did not see a gun," Hartmann said.

They made Hartmann go behind a building where they had him put his hands against a wall as they searched his pockets. This is when they took the money and the ATM card.

They made Hartmann lie on his stomach and asked him for his ATM password. They "threatened that if I did not tell them the correct code, they would shoot me," Hartmann said. Then, the assailants took his backpack — which included all of his class notes and a textbook — and fled toward Massachusetts Avenue on Pearl Street.

In hindsight, Hartmann said he doubts that his assailants had a gun

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LaMacchia Will Be Arraigned Friday

By Eric Richard
CONTRIBUTING EDITOR

David M. LaMacchia '95, who was indicted last Thursday for conspiracy to commit wire fraud, will be arraigned this Friday at the U.S. District Courthouse in Boston, according to LaMacchia's lawyer Harvey Silverglate.

LaMacchia is charged with conspiracy to commit wire fraud, a crime which carries a maximum penalty of five years in prison and a \$10,000 fine, according to Bill McMullin, special agent with the Federal Bureau of Investigation.

According to the indictment,

LaMacchia used two workstations in the Student Center Athena cluster to "permit and facilitate, on an international scale, the illegal copying and distribution of copyrighted software." The machines were W20-575-75, which was designated "Cynosure I," and W20-575-76, named "Cynosure II."

The indictment alleges that LaMacchia "requested particular copyrighted software and cautioned against over-publication of the Internet site address ... in order to reduce the risk of detection by the

FBI, Page 17

MIT Awaits Settlement on New Building for Alpha Chi Omega

By Daniel C. Stevenson
ASSOCIATE NEWS EDITOR

Members of the MIT chapter of Alpha Chi Omega sorority will move into their own house at 478 Commonwealth Ave. next fall if a zoning variance and a lodging

license are approved.

Though the move is still subject to approval by a licensing board, MIT has signed a purchase agreement, according to Director of Special Services Stephen D. Immerman.

AXO President Diane E. Hodges '95 said the house is beautiful. "One great thing is that it gives us the best of both worlds," Hodges said. Since the house only holds 25 people, Hodges foresees it housing only juniors and seniors in the long run. Currently AXO has 86 members.

The sorority also considered an option of living in Building W2 next to McCormick Hall, the current Religious Counselors' offices and Panhellenic building, Hodges said. "We had been considering W2 for a while," Hodges said, but that site lacked a kitchen and "other facilities that we really looked forward to."

AXO, which is MIT's second oldest sorority, is the second MIT sorority to have its own house. In 1991 Alpha Phi moved into a house across the street from the new AXO site.

Alpha Phi has 94 members, 60 of which live in the house, said Alpha Phi member Christi M. Hebert '94. "It is really strange to

AXO, Page 12

Lawrence B. Anderson

Lawrence B. Anderson MArch '30, former dean of the School of Architecture and Urban Planning, died on Wednesday in Emerson Hospital in Concord. He was 87.

The cause was heart and kidney failure, a family member said.

Anderson taught at MIT for 46 years until his retirement in 1972 and was a founding partner of the Cambridge architecture firm Anderson, Beckwith, and Haible.

In 1940, Anderson and Professor Herbert L. Beckwith '26 designed the MIT Alumni Building, which houses the swimming pool. The building was one of the first significant examples of modern design in the United States.

"The change from the architecture of the previous periods to the modern movement was a very fundamental change and Andy was the inspiration in Boston for that change," said William E. Hartmann '38, a retired partner of the architecture firm of Skidmore, Owings, & Merrill who studied under Anderson at MIT.

Anderson was a professional adviser and consultant on urban development, campus planning, and government buildings. He served as adviser to the Boston Government Center Commission and managed the national competition for the design of Boston's City Hall.

Anderson was born in Geneva, Minn. in 1906. He earned a bachelor's degree in liberal arts in 1927 and a bachelor's degree in architecture in 1928, both from the University of Minnesota.

Anderson taught at the University of Virginia for two years before

Anderson, Page 12



RICH DOMONKOS—THE TECH

Located at 478 Commonwealth Avenue, this townhouse is the proposed house for Alpha Chi Omega.

INSIDE

- Professor Logcher wins APO's Big Screw Award. Page 11
- Little Shop of Horrors is fun and entertaining. Page 7
- Deskin reflects on the life of Nirvana's Kurt Cobain. Page 8

WORLD & NATION

Mexico Probes Political Gadfly Link to Colosio Suspect

LOS ANGELES TIMES

MEXICO CITY

Rodolfo Macias, a gadfly who calls himself Mexico's provisional president, has finally gotten the government's attention: The special prosecutor's office summoned him to appear Monday evening to explain any relationship he may have had with Mario Aburto, the chief suspect in the assassination of ruling party presidential candidate Luis Donaldo Colosio.

According to Mexican newspaper reports, Macias and Aburto are distant relatives by marriage and Aburto once worked for Macias' brother in Tijuana, where Colosio was fatally shot as he left a campaign rally March 23.

But Macias and Aburto's brother deny any connection between their families. Macias said he believes he is being questioned "because (the government) wants to confuse public opinion."

The purported links between Aburto and Macias are one of several seemingly far-fetched leads the special prosecutor's office is following up as it attempts to solve the murder of Colosio, the man who was widely expected to be the next president of Mexico.

Speculation about who masterminded the murder has been fed by a seeming setback Sunday in the government investigation, when a judge released a key figure in the alleged plot to assassinate Colosio. Judge Alejandro Sosa ruled there was insufficient evidence to try Rodolfo Rivapalacio, one of the organizers of crowd control for the Colosio rally.

Supervisor's Early Retirement Not Due to Ames Connection, CIA Says

THE WASHINGTON POST

WASHINGTON

A 30-year CIA veteran who supervised alleged spy Aldrich H. Ames in the 1980s was granted early retirement last month in a move that agency officials say has no connection with the Ames case.

Milton Bearden, currently the agency's Bonn station chief, asked that his retirement be moved up to November when he was recalled to CIA headquarters last month for what one senior intelligence official said Monday was "a talk with the CIA leadership about what to do about the Ames case."

In 1991, when Ames came under suspicion as a possible double agent, it was Bearden, by then chief of the Soviet-East European division, who informed Ames he was being transferred to the CIA's counter narcotics center, sources said.

Court records disclosed that Ames told his Soviet handlers that the move would take him out of direct contact with the sensitive counter-intelligence information that he allegedly had been supplying over the years.

Agency officials, who normally refuse to discuss personnel matters, agreed Monday to talk on background about Bearden's planned retirement in order to refute a story published in the current issue of U.S. News and World Report.

Breaux Withdraws as Possible Candidate to Succeed Mitchell

THE WASHINGTON POST

WASHINGTON

Sen. John Breaux, D-La., withdrew Monday as a possible candidate to succeed retiring Majority Leader George J. Mitchell, D-Maine, leaving Sen. Thomas A. Daschle, D-S.D., as the only announced contender in a field that may not take final shape for weeks, if not months.

Only three days after reconfirming his interest in becoming majority leader at a breakfast meeting with reporters, Breaux issued a brief statement saying he will not run for the post in the party's post-election leadership contests in late November.

At the breakfast, Breaux said he did not believe in rubber-stamping administration initiatives and suggested that, while Mitchell worked "very, very hard by himself" to pass legislation, the new leadership should focus on a "team effort."

"George Mitchell is a great majority leader, and his Senate leadership will be sorely missed and difficult to replace," Breaux said in his statement Monday. "I will not be a candidate for majority leader and I intend to work with our next leader to forge the difficult coalitions needed to move our legislative agenda forward." Breaux did not say why he decided against running and was not available for elaboration on his statement.

But other Democratic sources said they believed that Breaux had sounded out enough of his colleagues to determine that he could not win the race for the Democrats' top leadership job. "He's nothing if not a realist. He always said he didn't want to run just for the exercise," said a Democratic aide. Breaux has figured prominently in speculation about the leadership race since Mitchell stunned his colleagues last month with an announcement that he would not seek reelection this fall. Mitchell is under consideration by President Clinton for nomination to the Supreme Court.

WEATHER

April Showers

NATIONAL WEATHER SERVICE

Today: Partly Sunny. High 60-65°F (16-18°C). West wind 10-15 mph (16-24 kph) becoming southwest.

Tonight: Mostly cloudy. Chance of a shower toward morning. Low near 45°F (7°C). Chance of rain 30 percent.

Wednesday: Windy with showers likely. High 60-65°F (16-18°C). Chance of rain 70 percent.

Belligerent Serbs Provoke Second NATO Air Attack

By Carol J. Williams

LOS ANGELES TIMES

SARAJEVO, BOSNIA-HERZEGOVINA

Serb rebels, angered by a NATO air attack, provoked a second bombing raid Monday by defiantly intensifying an artillery assault on the town of Gorazde, barricading U.N. troops in Sarajevo and severing contacts with mediators trying to broker peace.

Serb tank and artillery fire on the densely populated eastern Bosnian city that is a U.N.-designated "safe haven" continued even after two U.S. F-18 jets bombed rebel artillery positions for a second day.

The air strikes destroyed one Serb tank and damaged two others, Maj. Dacre Holloway, a U.N. spokesman, confirmed after the American war planes dropped three bombs on the rebel position at 2:19 p.m. local time.

But the Serbs continued to bombard the mostly Muslim enclave of 65,000, inflicting the heaviest casualties on the civilian population since the offensive began two weeks ago, according to U.N. officials and Western relief workers in Gorazde.

A French physician from the international relief group Doctors Without Borders told reporters here in a ham radio exchange that 62 had been killed in the previous 24 hours, bringing the two-week death toll to more than 150.

The unrelenting attack prompted British Lt. Gen. Michael Rose, the U.N. commander for Bosnia, to threaten further reprisals unless the belligerence stopped speedily. "You've got 10 minutes or you get

it again," Holloway quoted Rose as telling Serbs in his final warning.

The last heavy artillery shell reported by U.N. monitors in the besieged pocket landed at 4:09 p.m. local time, said Maj. Rob Annink, chief spokesman for the 13,000-strong U.N. mission in Bosnia. That was about 25 minutes after Rose's ultimatum, and shells continued to fall farther south for another hour, other U.N. sources reported.

The defiant posture of the rebels, who massively outgun the Bosnian government forces but present a pitiful match for NATO, suggested a deadly showdown may be in the offing between the Serb nationalists who have conquered 70 percent of Bosnia and the Western powers that have long relied on diplomacy in their frustrated effort to stop the war.

The Serb actions were a coordinated effort at belligerence after the first deadly air strike Sunday and demonstrated that the rebels were not yet prepared to back down.

Gunmen loyal to Bosnian Serb leader Radovan Karadzic and Gen. Ratko Mladic, his fiercely nationalist military commander, erected barricades across the sole access road to Sarajevo airport and barred U.N. personnel, diplomats and foreign journalists from entering or leaving the city.

All humanitarian relief flights and aid convoys were suspended as a security precaution, and a U.N. High Commissioner for Refugees official in Sarajevo reported what appeared to be deliberate targeting of the relief agency's staff and

facilities in Gorazde. One shell landed so close to the U.N. refugee agency office that it blew out the windows and sent the staff running for cover in basement shelters, said agency spokesman Kris Janowski.

The 13 U.N. military personnel in the enclave also came under sniper fire from Serb positions and were forced to take cover in their bunkers, U.N. sources said.

A statement issued from Karadzic's mountain stronghold in Pale, about 10 miles east of here, said the Bosnian Serbs were breaking all contacts with the U.N. Protection Force.

The only remaining channel of communication to the rebels appears to be Russian Deputy Foreign Minister Vitaly S. Churkin, who met with Serb leaders in Belgrade, then headed for consultations with Karadzic and Mladic.

Churkin expressed confidence after his talks with Serbian President Slobodan Milosevic that he could rescue the negotiations aimed at an overall peace settlement in Bosnia. He offered an implied criticism of the Bosnian Serb hard-liners for escalating the Gorazde offensive to crisis proportions.

Churkin, Russia's special envoy for the troubled Balkans, echoed Russian President Boris N. Yeltsin's criticism of the NATO air strikes, saying they were conducted without appropriate consultation with Moscow. But he conceded that the Western alliance had been provoked into embarking on the "slippery slope" of intervention.

Enzyme Discovery Could Lead to Cancer Treatment

By Boyce Rensberger

THE WASHINGTON POST

Scientists have discovered what they say may be the single most critical event that makes all cancer cells effectively immortal and allows them to multiply indefinitely. They say this knowledge could lead fairly quickly to an entirely new form of cancer treatment that could be effective against many or perhaps all forms of the disease.

The crucial event is that highly malignant cancer cells somehow reactivate a long-dormant gene and make an enzyme that reverses a normal process of aging within the cell. As a result, cancer cells can keep on multiplying indefinitely, even as normal cells, whose gene for the enzyme stays dormant, grow old and break down.

Ironically, it is the virtual immortality of the cancer cells that usually dooms the individual in whom they arise. The person's death, of course, kills even "immortal" cancer cells.

The researchers, who are publishing their findings in Tuesday's issue of the Proceedings of the National Academy of Sciences, said Monday they might be just two years away from starting tests of a drug that they hope will block the enzyme in human cancer patients. If the hypothetical treatment worked, cancer cells would, theoretically, lose the benefit of their special enzyme, age quickly, and die.

Although the findings are just emerging from the realm of basic science — not even animals have been tested — leaders of biomedical research hailed them as major advances.

"We're quite optimistic that this is a unique opportunity for inhibit-

ing the growth of cancer cells," said Huber Warner, an official of the National Institute on Aging, one of the National Institutes of Health, which sponsored the research along with the Cancer Research Society of Quebec. A drug that blocked the enzyme should, theoretically, pose no risk to normal cells because it is believed that they do not make the enzyme in the first place. There is, however, one known exception: gonadal cells that make sperm and eggs. They make and use the enzyme because they must be effectively immortal to transmit life to a new generation. A drug that blocked the enzyme might damage these cells and perhaps cause sterility or birth defects.

The new research was led by Calvin B. Harley at McMaster University in Hamilton, Ontario. Harley is temporarily on leave from McMaster and working at Geron Corp., a biotechnology firm in Menlo Park, Calif., that is looking for an enzyme-blocking drug. Collaborating in the research at McMaster were Christopher M. Counter, Hal W. Hirte and Silvia Bacchetti.

What Harley and his Canadian colleagues found was the first direct proof that human cancer cells make an enzyme called telomerase and that normal human cells (except for those of the gonads) do not. Cell and molecular biologists in many labs have been on the trail of telomerase for several years because of tantalizing evidence of its role in cancer and the aging process.

The job of telomerase is to repair a kind of damage that occurs to the tips of chromosomes — the long strands of DNA that carry genes linked end to end — every

time a cell divides. This damage appears to be a key part of the aging process.

Prior to cell division, every cell duplicates its chromosomes, so that each of the two resulting cells can have one complete set. But because of the way the DNA-copying machinery works, it cannot duplicate the very tips of chromosomes. The newly made chromosomes are thus a little shorter than the ones from which they were copied.

This usually causes no problem because the chromosomes of newly fertilized embryos have long stretches of what might be called dummy-DNA at the tips. These are sequences of about a thousand DNA subunits (or base pairs) that encode nothing.

The dummy DNA segments are called telomeres (TEA-low-meers). They also act as caps, stabilizing the ends of the chromosomes. Without telomeres, chromosomes lose their stability and are prone to linking together or even breaking into segments that rejoin in abnormal combinations.

In normal cells of the body (other than those that produce sperm and eggs), bits of telomere DNA are lost each time a cell divides. When the last of the protective sequences is gone, cells become badly deranged and may die.

But cancer cells, Harley has found, are protected against loss of telomeres. Before they have lost the last parts of their telomeres, they somehow reactivate the gene that makes the enzyme, called telomerase, that adds new telomeric DNA every time the cell divides.

"We may be able to directly inhibit telomerase and re-mortalize the cancer cells," Harley said.

Tensions Mount as Ukraine Storms Russian Naval Base

By Lee Hockstader
THE WASHINGTON POST

MOSCOW

In a sharp escalation of tensions between two nuclear-armed countries, Russia Monday said Ukrainian special forces had stormed a Russian-controlled naval base, arresting three officers and wounding sailors and civilians.

The incident took place in the Ukrainian port of Odessa late Sunday. The accounts, while varying, made clear that ties were continuing to deteriorate between Moscow and Kiev, which have quarreled for more than two years over who should inherit the former Soviet Black Sea Fleet.

Combined with other points of contention, such as the fate of Ukraine's nuclear missile force and the future of Russian-speaking regions of Ukraine that want to reunite with Moscow, overall relations have become alarming.

The Ukrainian action was in apparent retaliation for the departure

of the Russian naval research ship Cheleken from the Ukrainian port of Odessa late Friday. The Ukrainians said the Cheleken, loaded with \$10 million in navigational and marine equipment, was not authorized to leave and did so despite direct orders from Ukrainian authorities.

When the Ukrainians tried to prevent the Cheleken's departure, they were thwarted by Russian sailors, who were ordered to take up arms and prepare for hostilities, according to the Ukrainian Defense Ministry. It termed the Cheleken's departure as an act of piracy.

As the Cheleken sailed toward the Black Sea Fleet's home base of Sevastopol, it was pursued most of Saturday by Ukrainian naval ships, which tried to intercept it, Russian officials said. The pursuers were finally chased off by an attack group of Russian-controlled ships, and the Cheleken docked safely in Sevastopol late Saturday, they said.

The response from the Ukrainians came just over 24 hours later.

According to Russian military officials, about 120 Ukrainian special forces assaulted a base of the 318th Russian Division Sunday night in Odessa, which was home to a small reserve unit of the Black Sea Fleet. They captured the shore area, a communications center, the armory and a secure document storage site.

The three top Russian officers at the base, including one first-rank captain and two second-rank captains, were arrested and led away in handcuffs, the officials said. In the action, the Russian officials said, sailors and their families, including children, were roughed up, beaten and injured by flying shards of glass.

A statement released by the Ukrainian Defense Ministry insisted there had been no assault, no injuries and no mistreatment of sailors or civilians. The ministry affirmed, however, that the Ukrainian troops had surrounded one installation full of Russian troops to "prevent unauthorized actions."

Foreign Notables to Try To Mediate South African Impasse

LOS ANGELES TIMES

JOHANNESBURG, SOUTH AFRICA

With only two weeks until this country's first all-race elections, a private business group announced Monday that seven foreign jurists, academics and diplomats would arrive Tuesday to try to mediate a last-minute solution to a constitutional impasse over battle-racked Natal province.

The group will begin meeting Wednesday with leaders of Nelson Mandela's African National Congress, which is expected to win the elections, and Zulu Chief Mangosuthu G. Buthelezi's Inkatha Freedom Party, which is seeking to delay the elections as part of its militant campaign for greater provincial autonomy and an independent Zulu state in Natal.

The mediation group includes former U.S. Secretary of State Henry Kissinger and A. Leon Higginbotham Jr., a retired chief judge emeritus of the 3rd U.S. Court of Appeals. A U.S. Embassy spokesman said both men were coming here as private citizens and not as Clinton administration envoys.

Buthelezi first proposed using international mediation in March to bridge his dispute with the ANC. But the announcement Monday by the Consultative Business Movement, a private group of South African business leaders who have sought since the 1980s to foster political change, appeared to catch both the ANC and the government by surprise.

"We received information this afternoon that the mediators would be arriving tomorrow," said ANC spokesman Ronnie Mamoepa. He said the mediation would not affect the April 26-28 election. "Those dates are sacrosanct. They will not change."

The government of President Frederik W. de Klerk was also notified Monday, said spokesman Richard Carter. He said government officials will meet with the group but had not been involved with setting up its mission.

Schindler's Widow Honored At Simon Wiesenthal Center

LOS ANGELES TIMES

LOS ANGELES

The tiny white-haired woman in the navy blue pantsuit was greeted with smiles and tears as she made her way, supported by two rabbis, toward the menorah-shaped monument at the Museum of Tolerance, where she lit a flame to remember the 6 million Jews killed in the Holocaust.

"Let me touch you," said one woman as she reached out to embrace Emilie Schindler, who as the wife of Oskar Schindler helped save 1,200 Jews during World War II.

In the Academy Award-winning movie "Schindler's List," Emilie Schindler was portrayed as the long-suffering wife of a man who did great good but had a fondness for high living, and a straying eye, that few spouses could endure.

In May, Emilie Schindler will receive the Wiesenthal Center's highest honor — the Righteous Amongst the Nations award — along with Miep Gies, who hid Anne Frank's family in the Netherlands and preserved her diary after the family was taken away by the Nazis.

Clintons Cough Up Back Taxes On Newly Discovered Profits

By John M. Broder
LOS ANGELES TIMES

WASHINGTON

President Clinton and his wife, Hillary, on Monday paid the government \$14,615 in back taxes and interest on newly discovered profits from Mrs. Clinton's commodity trading in 1979-80.

"The Clintons do not know how the error occurred but accept responsibility for it," said the Clintons' personal attorney, David E. Kendall.

Documents detailing the trading gains were found among the Clintons' personal records within the last week, but aides could not explain why they were not available

at the time the couple was preparing their income taxes 14 years ago. The newly found \$6,498 in profits from commodities trading in 1979-80 were simply "overlooked" at the time, a senior administration aide said.

The new profits are in addition to the nearly \$100,000 in gains that Mrs. Clinton made trading in cattle futures with powerful friend James Blair at the Springdale, Ark., office of a major Chicago commodities brokerage. Officials said Monday that the Internal Revenue Service audited the 1979 return on which most of those gains were reported and found it to be in order.

Mrs. Clinton later made trades in

a separate account at Stephens Inc., in Little Rock, which the White House described less than two weeks ago as a money-loser. Officials at that time provided documents that showed that the second account was opened with a \$5,000 deposit and closed after Mrs. Clinton lost \$1,009.

But a review of the couple's records disclosed that the account in fact yielded a \$6,498 profit on a variety of trades in sugar, copper, wheat and lumber futures, some of them in substantial amounts. The Clintons are now paying \$3,829 in back taxes and \$10,786 in interest to the federal government and the state of Arkansas on that unreported gain.

MIT Graduate Student Council

would like to congratulate next year's officers:

President: Roger Kermode Vice-President: Stan Reiss Secretary: Susan Ipri Treasurer: Kathleen Evanco

The new officers take over at the next general meeting, May 10

Teaching Awards meeting Wednesday April 13 at 17:30 in the GSC office, 50-220. Help select this year's winners! Contact Assef Zobian, aazobian@mit for details.

All MIT graduate students are welcome to attend any GSC meeting.

Go Red Sox! The GSC is subsidizing tickets for the game on April 24—contact the GSC office, 50-220, x3-2195 for details.

The Prudential presents an insurance and investment seminar tonight, April 12, 17:30 to 18:30 in room 3-133. Refreshments.



The Muddy Charles is now 2/3 nonsmoking.

Board Elections due April 15

The GSC endorses Rosaline Gulati and Stan Reiss. Vote early, vote often!

New GSC project: The Grocery Shuttle. Free roundtrip transportation from MIT to a full-size Star Market in Medford on Saturdays. Three departures, at 11, 12 and 13; go to the GSC office, 50-220, for detailed schedules.

SafeWalk is a new program to help you get home more safely. Call 2-1300 on Sunday, Wednesday and Thursday nights between 22:00 and 03:00, and a fluorescent green SafeWalk patrol will walk you to your dorm, to the SafeRide, or to the T. Contact Susan Ipri slipri@mit or Ken Porter kporter@mit for details.

OPINION

Software Piracy A Serious Crime

If nothing else, last week's indictment of David M. LaMacchia '95 on charges of conspiracy to commit wire fraud makes it obvious that the government takes software piracy seriously. Gone are the days when copying software was ignored; it appears as though the FBI now has as much compassion for those who steal software as for those who steal cars or rob banks.

Editorial

The indictment indicates that LaMacchia knew what sorts of software were being traded on his archive site though LaMacchia's attorneys deny this point. While it is tempting to say that LaMacchia is guilty or innocent based on what limited information has emerged so far, a number of questions will remain unanswered until LaMacchia goes to court. Until then, it is foolish for students to condemn LaMacchia as a criminal or to hold him up as a symbol of injustice. At the very least, those soliciting funds for his defense should carefully consider whether LaMacchia broke any laws before rallying to his defense.

Institute officials have remained relatively forthcoming on this case, but their actions speak louder than words ever could. It is apparent

from the indictment and from news articles that MIT is quite serious about stopping software piracy from taking place on computers owned or operated by the Institute, or connected to MITnet. Perhaps this attitude exists not only for moral reasons, but also because MIT is afraid of being prosecuted or sued for illegal software duplication. Whatever the reason, it is good for MIT to adopt such an attitude. After the publicity from the indictment has died down somewhat, Information Systems would be wise to disseminate information regarding what constitutes wire fraud and software piracy, and the possible legal consequences of these actions.

Some have criticized LaMacchia's indictment as overly harsh. Indeed, it does seem as though the government is trying to make an example of him in order to dissuade others from attempting to abuse network systems. But at the same time, LaMacchia stands accused of a serious crime.

LaMacchia's case hits home because he is one of us. But appearances can be deceiving, and if he is found guilty of the charges presented in the indictment, LaMacchia should be punished accordingly.

Letters To The Editor

MIT/Amgen Agreement Should Benefit Both Parties Equally

After reading about the recent MIT-Amgen agreement, I began to do some serious thinking. I began to wonder about the ethical ramifications of the deal that was made and came to some disturbing conclusions. The first concerns Amgen's opinion of the new pact. Gordon Binder, chief executive officer of Amgen, says, "We are enthusiastic about this promising collaboration, which could serve as a model for industry-academia partnerships."

It's not a surprise that Amgen really appreciates the arrangement. Amgen will own some very impressive research. MIT is never second best and will probably produce something that gives Amgen no less than a few hundred million dollars in profits — all for only a \$30 million grant. Of course, as Director for the Center of Cancer Research Richard O. Hynes PhD '71 states, "Amgen will want to spend its money on research they find interesting and useful," ["MIT and Amgen Ink 10-Year Pact," April 1].

That should read: Amgen will only support MIT research that will give Amgen the most profits, even if it may not necessarily benefit the public. Too often, the philosophy of business is to let the academian publish innovative

ideas and then use a patent to reap monetary gains. This is obviously a consideration that should have been discussed, but it seems as though MIT forgot to mention it. If this is the standard by which MIT judges agreements, I am very afraid for the future of the Institute.

Secondly, Hynes goes on to state that "government funding is rising too slowly." He implies that we [MIT] must turn to industry to pay for research (*The Tech*, April 1). This is a wonderful idea except for one thing — our relationship with our "benefactor" hasn't changed. Instead of being owned by the federal government (as in the 1970s), we can now be owned by private industries. An interesting twist, but still a very dangerous partnership. This is something we should be wary of, not something to embrace as President Charles M. Vest would have us do.

My final point is the result of the March 30 *Tech Talk* article "MIT and Amgen Announce Biological Research Agreement." One paragraph in that article states that Amgen's founders include MIT Professor Emeritus Raymond Baddour, who still serves as a director. Doesn't this gentleman see the conflict of interest that exists here? He is on the board of directors of Amgen and a member of the MIT community. That creates a bomb just waiting to explode in all our faces. When there is a conflict (few relationships of this sort encounter no problems), whose side will he

represent: the right of MIT to quest for knowledge or the desire of Amgen to make a buck and thereby put money in his own pocket? Which position is he more likely to defend — a directorship with all its perks or a professorship?

If this is the standard that professors are held to, then I am worried about the quality of an MIT education. I wonder if I am spending money to gain some knowledge, or to learn how to pad my wallet? I sincerely hope that *The Tech* and *Tech Talk* will keep the MIT community updated on any happenings connected with this new agreement. I would like to know if any changes are made or if any difficulties arise — especially if they are of the type I have mentioned here.

These really are simple problems to solve. They involve the use of ethical reasoning, on both sides, and a true desire to help mankind, instead of one's pocketbook. I think that MIT and Amgen can work out the inconsistencies in their arrangement and make it lead to fruitful discoveries for the benefit of all. I hope that they can both take a hint as well as some constructive criticism.

William V. Potter '97

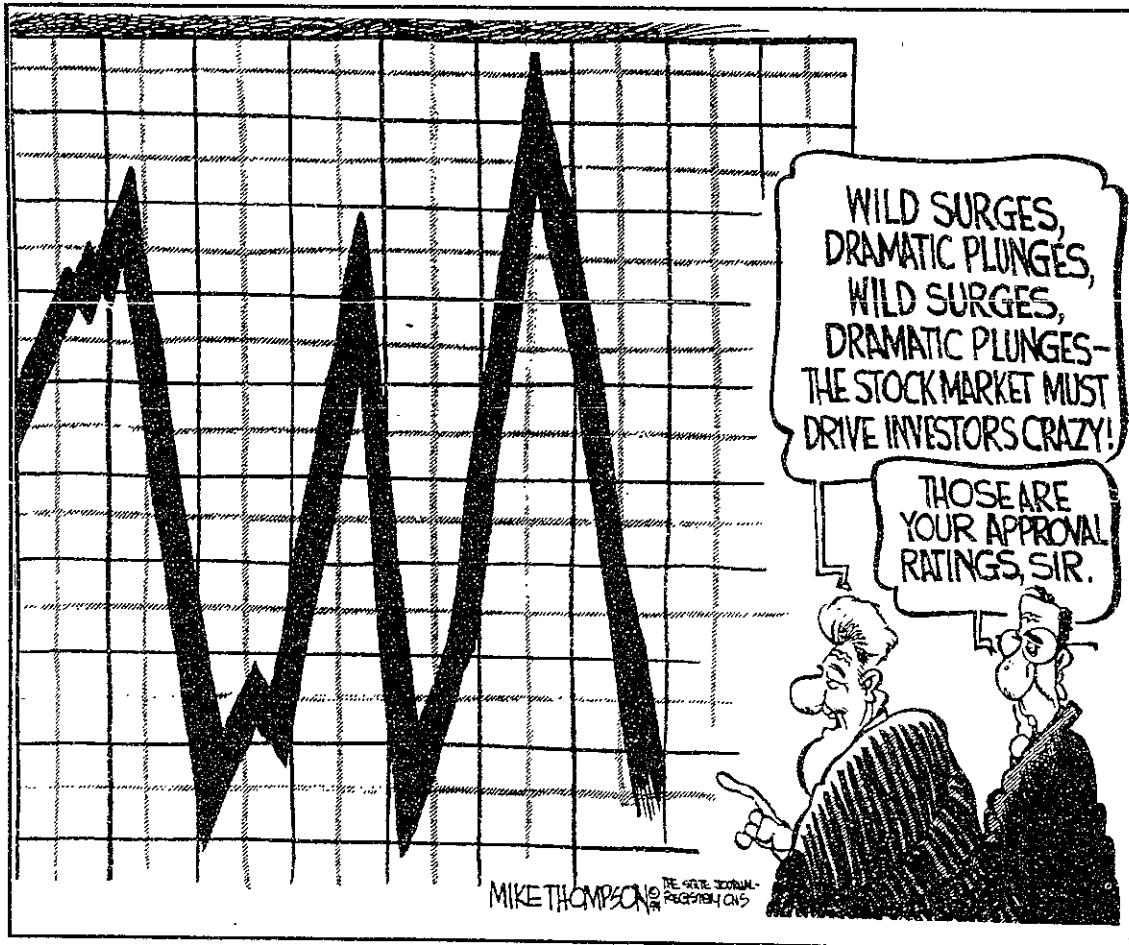
Nazi Holocaust Repeating in Bosnia

Did you see the memorial to the victims of the Nazi Holocaust, that was in Lobby 7 on Thursday? Did you think to yourself "never again?" Never again would the people of the world allow such atrocities? Then what are you doing now to keep the 4 million people of Bosnia from meeting the same fate as the 11 million people killed by the Nazis?

Two years ago, the Serbs invaded Bosnia. Towns were obliterated and the Bosnians taken to concentration camps, where they were systematically raped and murdered, just as in the Holocaust. Since then, a quarter of a million Bosnians have been killed, and 3 million driven from their homes. Just as in 1939, the nations of the world have stood by and done nothing to stop it. The United Nations has even denied the Bosnians weapons to defend themselves, while the Serbs have all the weaponry of the former Yugoslav army.

Finally, President Clinton took some action to stop the slaughter. He demanded that Serbs move their artillery away from Sarajevo, and brought relative peace to that city. But it is not enough — in the rest of Bosnia the invasion, the killing and the raping goes on. Bosnians still are tortured every day in concentration camps, and the United States has

Letters, Page 5



Opinion Policy

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

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*, P.O. Box 397029, Cambridge, Mass. 02139-7029, 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

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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. Once submitted, all letters become property of *The Tech*, and will not be returned. We regret we cannot publish all of the letters we receive.

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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 Ave., Cambridge, Mass. 02139-0901 Third Class postage paid at Boston, Mass. Non-profit Organization Permit No. 59720. **POSTMASTER:** Please send all address changes to our mailing address, *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029. Telephone: (617) 258-8324. FAX: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 1994 *The Tech*. Printed on recycled paper by MassWeb Printing Co.

Letters To The Editor

Letters, from Page 4

done nothing to help them.

Write the president, write your representatives, and demand that this nation stand up against this new Holocaust, lest in 50 years you find yourself hearing the names of the millions killed in 1994 in the Serbian camps and once again saying to yourself "never again."

For recorded information on the history of this conflict and what you can do to stop it, call the New England Bosnian Relief Committee at 269-BOSN.

Ken Olum G

Harassment Guidelines Merely A Facade

I feel I must make a case for myself, apparently no one else will. Having been under abnormal work conditions for a period of at least six months which culminated in my notice of resignation, I found myself in the

harshest work environment I had ever known. I had very little time left in my position, but the abuse I felt was overwhelming. My supervisor's tone and countenance within any difficult situation was hostile, defensive and abusive. She was very careful not to let others hear or see though, when dealing directly with me. I had no proof of the situation, only that I had had sleepless nights, stomach cramps and a miscarriage.

With only eleven days to go until I left for good, instead of a cease-fire, an all out brawl began. I went to my Administrative Officer with my concerns of harassment and abuse. I gave her two options that would allow me to leave MIT unmolested and unpunished: (1) I could be reassigned to a new supervisor and do work with the same people and at the same desk, but no contact professionally with my old supervisor for the two remaining weeks, or (2) MIT could give me two weeks severance pay in addition to the vacation pay to which I was entitled and let me leave immediately. In either case no official charges would be made, no investigations, no formal allega-

tions, just relief from a situation which was growing more difficult every day.

When it all came down, I was told that to be reassigned or allowed to leave with pay, I would need "some kind of proof," that "MIT just doesn't work that way" and I realized that it would be up to me to make this stick. I knew that I hadn't a foot to stand on, there was no proof and my supervisor certainly wasn't going to come forward and admit to her transgressions. How do you prove abuse or harassment in any situation unless there are witnesses? I had believed in the words written in the "Dealing with Harassment at MIT" handbook; I had believed that I would be protected, that something would be done.

I was told that I would not be reassigned and that I would not receive any severance pay. I would have to go back and work for the same supervisor after I had gone public about her harassment and abuse. I could not do that. It would be too hard. If I thought things had been bad before, I could only imagine how impossible they would become.

So, I quit. I have lost two weeks of pay

plus a holiday and a personal day because I decided to come forward. My supervisor will never have to answer for what she has done, and I will never be able to use my position at MIT as a reference. Two and a half years of hard work, mostly excellent reviews, good relations with many in the laboratory, and now I have nothing to show for it, not even the support of those I worked with, all because I dared to try the system.

I had nothing to gain from asking for a change except that I would be able to finish my work in peace or that I be allowed to escape from a situation that had gone from professional to personal. I had just wanted to go quietly and without punishment. Now, I have lost everything, my job, my self-esteem and my integrity.

MIT's new Harassment Policy is just a shiny brochure written to attract people of integrity, but not to protect them.

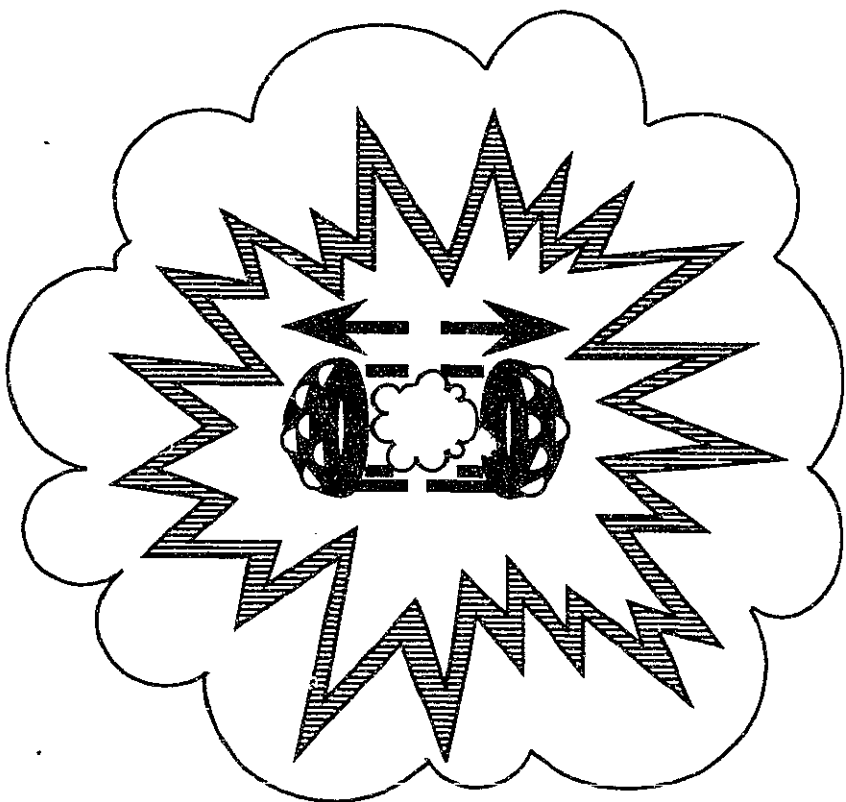
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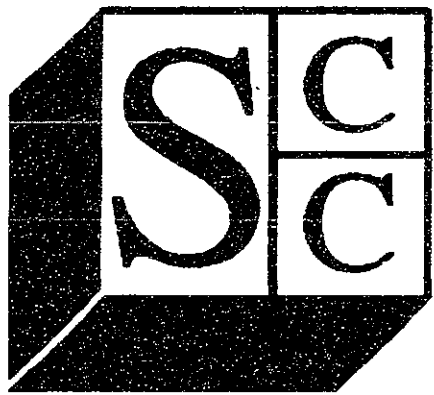


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THE ARTS

Director brings comedy to the *Little Shop of Horrors*

LITTLE SHOP OF HORRORS

MIT Musical Theater Guild.
Directed by Sean P. White '96.
Book and lyrics by Howard Ashman.
Music by Alan Menken.
Starring Bruce Applegate '94,
Cathy Conley '96, Bob Amini '92,
and John de Guzman '97.

By Adam Lindsay
STAFF REPORTER

The Musical Theatre Guild seems to have gotten it right this time with its entertaining production of *Little Shop of Horrors*. Despite slight deficits apparent in most areas of the production, all of the pieces are present for a fun evening.

The musical is by Howard Ashman and Alan Menken, the same team that produced the music from *Little Mermaid* and *Beauty and the Beast*. It is a dark comedy with horror elements; the songs and much of the humor both parody and romanticize the 1950s backdrop to the horror film plot.

A loser working at a florist's, Seymour (Bruce Applegate '94) is gradually seduced into evil deeds by an animate plant's promises of fame and fortune. He allows himself to be manipulated by his talking plant until the climactic finale, when he gains enough confidence from his success to make a stand and question both his actions and the motives of the plant. Surrounding him are brightly painted characters who both unknowingly encourage his moral descent and stand as obstacles to his evil acts.

These characters are all wonderfully played caricatures. Audrey (Cathy Conley

'96) acts as sweet Seymour's romantic ideal, and as such is the catalyst for his descent; the boy seeks success for the sake of her approval. Conley played the bleached blond with archetypal airheadedness. With toes turned in and vacuous expression, she was the most consistent on stage. The simplicity of her performance allowed her character's tragedy to come through. Audrey's solo number, "Somewhere That's Green," lays out her silly vision of an ideal life in suburbia, and Conley's use of a simple, straight singing tone perfectly illustrates the character's naive hopes.

Seymour's chief foils are the greedy shopkeeper (Bob Amini '92), who is the boy's father figure, and Audrey's boyfriend (John de Guzman '97), a sadistic dentist. Amini provided his usual spark and presence in his portrayal of Mushnik, the shop-owner. His Yiddish accent, though generally convincing, sometimes slipped into Russian or otherwise unknown territory. De Guzman played Orin the dentist with orgasmic glee. His energetic performance was over the top with puttyish facial expressions and prancing about in his character number, "(Son, Be a) Dentist!" In addition, Guzman was cast as all the other outside agents tempting Seymour with success, providing an interesting statement about the insulated world which we examine for two hours.

Applegate acted Seymour with sufficient charm to make him the object of the audience's sympathies. Like Conley, he provided the requisite innocence of his role, and sang with a similarly plaintive tone. Surprisingly, he was most plagued by balance problems

with the orchestra (a perennial issue with MTG) while he was upstage. This problem did not detract much from the overall presentation. Other than the problem of balance, the orchestra was well-led by Co-Music Director Carson Schütze G. The tight combo handled the variety of fifties-style tunes well.

The singing, especially by the female trio (who acted as the chorus, minor characters, and narrators), was solid throughout the small cast. There were very few pitch slips, and they were nearly imperceptible. The efforts of Co-Music Director, Beth Siers '95 are to be thanked for this vocal strength seldom seen in the entire ensemble of an MTG show. The ensemble was a little less accomplished in other areas of the performance. Although the choreography was excellent, there was often a lack of crispness to the movement that brought attention to the amateur nature of the production.

Although first-time director Sean P. White '96 had a good grasp of the basics of the show, and made most moments work, he faltered at key points in the show. Seymour's change into a confident force is weakly realized, and the following dramatic climax when Audrey is attacked by the plant and Seymour comes to her rescue is utterly unconvincing. Fortunately, White makes amends with the astute direction of the plant during the epilogue, threatening the audience by coming directly downstage, a strong move. Although he perceives "Little Shop of Horrors" as a musical tragedy in his director's note, he treats it primarily as a comedy. It is very strong and entertaining as such, but the horror and tragic elements, while prominent in the

script and apparently understood by White, are much weaker in this production. The dramatic changes, tragic descent, and desperation that could be richly tapped are not explored in a way that moves the audience. It's not necessary, however, because the show is strong enough in its comedic material.

The technical aspects of the production are also above average for an MTG production. The lights are excellent despite, and perhaps because of, their lack of subtlety, adding caricatured drama when needed. The set was similarly approached, with Mushnik's Flower Shop painted in depressingly gaudy colors.

The real technical hurdle in this show lies in the animated plant. Unlike MTG's still-remembered last production of *Little Shop of Horrors*, the plant used here was rented from a New Hampshire firm. Thus, professionally made, it is certainly convincing as the alien sort of creature it depicts. The synchronization between the animation and the voice is generally satisfactory, though sometimes spotty. The voice of the plant (Jake Yara '93) is excellently performed, but very poorly reproduced: the singing is often distorted beyond easy recognition because of the quality of the amplification.

Many small imperfections mar MTG's production, though. In a particularly memorable one, a technician was visible during an attempt to control the plant. If one is inclined to ignore these flaws (and with the overall charm of the production, one is indeed so inclined), the show is very satisfying. The Guild wisely chose to do a relatively small, well-written musical, and with an excellent cast the result is a rewarding experience.

TOP TEN MOST BOGUS THINGS ON EARTH

1. Drugs.
2. Did we mention the pop quiz?
3. Referee in Professional wrestling.
4. Imitation cheese.
5. Lawn flamingos.
6. 1-900-DEBBY.
7. Pop quiz on Monday following major weekend.
8. "Do Not Remove Under Penalty Of Law" tags on mattresses.
9. Cars that can talk.
10. The Donut Diet.

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; void bar(long, long);
;
; void foo(void)
; {
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...
move.l  d0, -(a7)
move.l  d1, -(a7)
jsr    bar
addq.l  #8, a7
unlk   a6
rts
;
; pascal void bar(long, long)
; {
bar:
link    a6, #fff0
...
unlk   a6
move.l  (a7)+, a0
addq.l  #8, a7
jmp    (a0)

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Bug Hint:
It works most of the time!

Mourning the loss of Nirvana's Kurt Cobain

By Scott Deskin
ASSOCIATE ARTS EDITOR

Since the announcement of Kurt Cobain's sudden death last Friday, I've had a chance to think a bit about what his presence meant to me. As a resident of the Seattle-Puget Sound area for the last few years of high school when the first shockwaves from the "grunge rock" explosion were felt, I was troubled by Cobain's passing. He was the unwilling representative for the members of "Generation X," but he assumed that role with menacing authority. His songs were laden with anthemic rage and frustration, pushing the envelope for a new punk aesthetic.

His success with his group, Nirvana, signified his de facto voice for angst-ridden youth everywhere: after the commercially muted debut, *Bleach* (1988), on the Sub Pop label, Cobain's trademark riffs and howls struck radio and MTV gold with *Nevermind* (1991), a more refined but no less scathing album that probed everything from drug-induced hysteria/contentment ("Lithium") to the smash "Smells Like Teen Spirit," a song every bit as energized as the Rolling Stones' "Satisfaction." Cobain certainly had a gift for performance and hard-core showmanship that

forced most rock fans to reevaluate their listening habits, shifting away from the MTV-endorsed glam rock of the late 1980s.

Nirvana's last studio effort, *In Utero* (1993), is a tougher listen than *Nevermind*. Without the catchy pop hooks that made *Nevermind* such a surprise, many of Nirvana's "fans" jumped ship, unlike the following of Pearl Jam, another Seattle group whose sophomore effort *Vs.* (1993) outsold Nirvana's album by at least two to one and poised them for arena-rock glory. Nirvana was not destined for such success; Cobain was content to play in smaller venues, and he openly rejected the praise that was heaped upon him. Unlike most major rock stars, Cobain was uncomfortable in his new world, and his alternating love/hate relationship with the media finally proved too much to bear.

Kurt Cobain's apparent suicide, as so many journalists have duly noted, has earned him a place in the hallowed halls of rock martyrdom, something that Cobain himself would have chosen to avoid. Nirvana's tragically shortened career recalls two other "punk" groups of the past: The Clash and the Sex Pistols. Neither Mick Jones of The Clash nor John Rotten-Lydon of the Sex Pistols have

come close to emulating the phenomenal presence of their former groups with their present ones (Big Audio Dynamite and Public Image Ltd., respectively). Maybe rumors of a breakup of Nirvana, revealed posthumously to have happened earlier in the week, saddened Cobain and added a crushing emotional and artistic burden.

Ironically, Cobain's life seemed to be looking up. He had enough money to get away from touring, if that's what he needed to sober up. He had a loving, talented wife in Courtney Love (lead singer and guitarist for the group Hole). He even had an 18-month-old daughter. But, as the drug-induced coma he entered about a month ago proved, his grip on reality was slipping. It seemed that his life was being consumed by the instant-celebrity status and media machine that thrived on his music. Cobain, who proved to be a growling, thrashing threat onstage was actually a melancholy (perhaps even manic-depressive) man whose career demands were constantly overwhelmed by his fragile ego.

In no way do I condone Kurt Cobain's suicide. It was an incredibly selfish thing to do, and proves that, despite any noble intentions, his disregard for the impact of his death to his

loved ones has proven him as much of a bastard as the media has portrayed him to be. By taking his own life, his entry into rock martyrdom will always be blighted; the modern mythology surrounding John Lennon defies criticism, while "simple" drug overdoses created larger-than-life heroes out of Jimi Hendrix, Janis Joplin, and Jim Morrison. Musician-as-saint status will escape Cobain, and a more tarnished anti-hero image will remain.

Rarely are the deaths of major rock stars resolved immediately. Two recent books exhumed ex-Rolling Stone Brian Jones to suggest he was murdered rather than simply drowning in a drugged-out state. Until the contents of Cobain's suicide note are revealed, we're not privy to what he was thinking (no, I'm not suggesting a cover-up—or even a murder, yet), but it still seems like a tremendous waste. It's only been a few days, and already people feel complacent about Cobain's passing, as if they had seen it coming. Perhaps I wasn't shocked either. In a culture of disposable media heroes and video immortality, some bands seem eternal. In the case of Nirvana, Cobain violently altered his testament to rock history, cutting it dramatically short.



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Threesome sells substance for cheap thrills

THREESOME

Starring Josh Charles, Stephen Baldwin, and Lara Flynn Boyle.
Written and Directed by Andrew Fleming.
Loews Harvard Square.

By Patrick Mahoney
STAFF REPORTER

Threesome tries to be about college life, but falls far short of its mark. It is funny at times, but the bits of humor can't save the film from a bad script, misguided focus, and mediocre direction.

Instead of giving a glimpse of college life, *Threesome* focuses on the sex lives of its three main characters. In fact, most of the film is spent on the introspection of one homosexual student who tries to discover himself. Nearly everything is seen through the eyes of Eddy (Josh Charles) or in light of his experiences. We follow him as he tries to form his ideas about life and sex. Essentially, he is the main character and the rest of the cast are mere tools for his development. The film would have needed to focus on some aspects other than the sexual attraction between main characters in order to be about the students themselves. *Threesome* is more of a look into sexuality than the lives of college students.

Though writer Andrew Fleming explores the relationships between men and women, he resorts to a contrived circumstance to do it. Alex (Lara Flynn Boyle) ends up in a suite with two male roommates. This fiasco appears to have occurred because of some mix up by the administration and would apparently take months to sort out. This isn't the most plausi-

ble of circumstances. Though possible, perhaps, such a big deal is made out of it at the beginning of the film that it detracts from details more worthy of attention, like initial impressions of the characters. If Fleming had just put them all in the suite, left it at that and moved on, the effect would have been nearly the same and the initial distraction could have been avoided.

The film is very graphic, and Fleming does not shy away from using nudity. Since it's targeted at college students nudity may be a good selling point, but it was used too frequently solely for its own sake. Only some of the sex scenes added anything to the movie, and even fewer could be considered important.

Both of the leading actors are good. Stewart (Stephen Baldwin) portrays the stereotypical misogynist college male perfectly, providing stark contrast to Eddy, who is a quiet, intellectual, "sexually ambivalent" male. The traits of each of the two are accentuated by the other, and we see how different the two really are.

Boyle, however, is far more entertaining than either Baldwin or Charles. Even when it becomes clear that Eddy is not interested in her, she continues

to pursue him relentlessly because in her eyes, he doesn't know what he wants — "he's confused." Boyle's performance is extremely enjoyable, blending a little bit of quiet and shy with a lot of wild and crazy.

Despite its flaws, *Threesome* is not a com-

plete disaster. It does provide a revealing look into someone trying to sort out his sexuality. We watch Eddy as he struggles to determine who he is and what he cares about. Perhaps if Fleming had concentrated on this aspect, he would have made a more appealing film.



Alex (Lara Flynn Boyle) will stop at nothing to attract the uninterested Eddy (Josh Charles) in *Threesome*.

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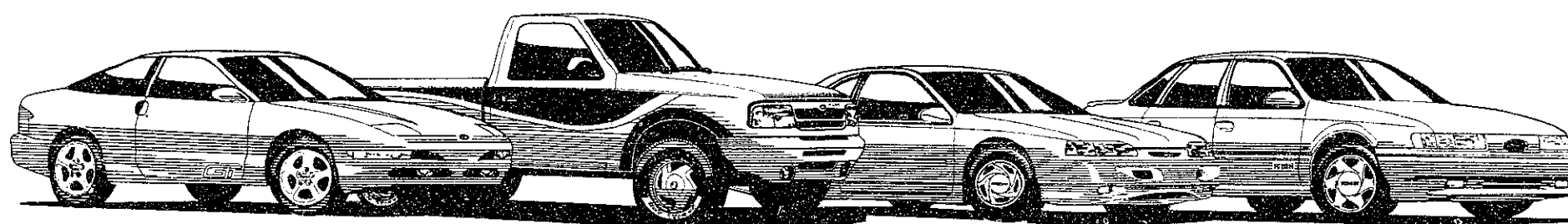
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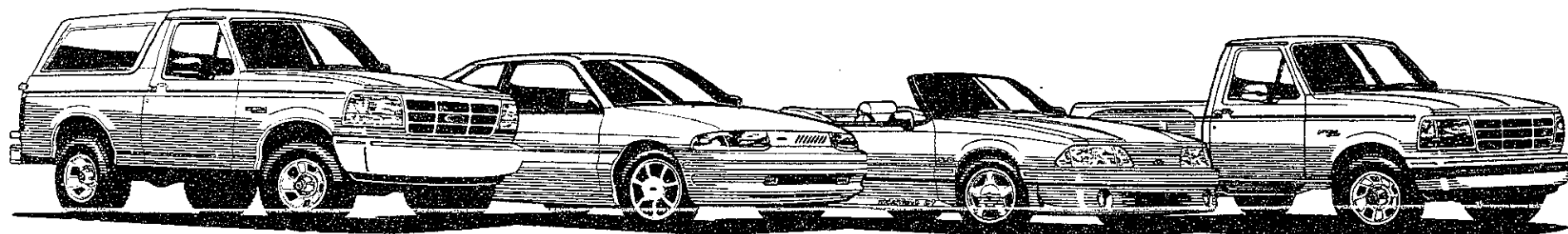


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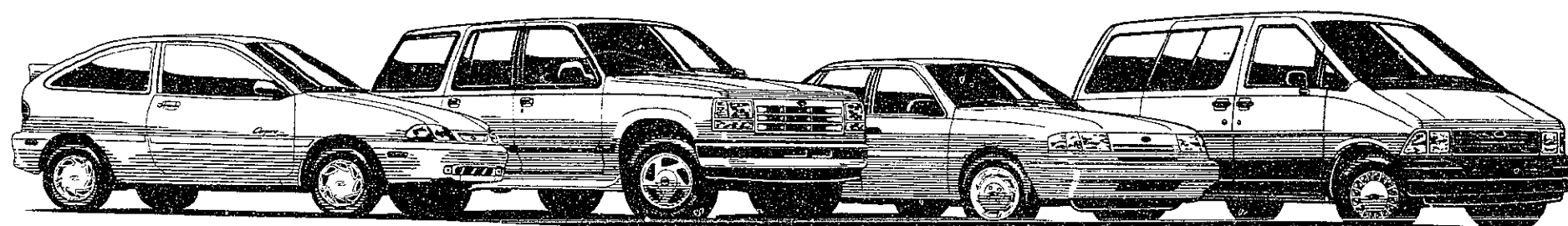


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1.00 Prof Wins APO's Annual Big Screw Award

By Jeremy Hylton
CHAIRMAN

In the first few weeks of March, students nominate their professors for two very different kinds of awards. There's the Baker Teaching Award, which honors professors with a strong commitment to undergraduate education. And then there's the somewhat more notori-

ous Big Screw Award, sponsored by Alpha Phi Omega.

Professors nominated for the Big Screw are not less skilled or enthusiastic than Baker Award winners, but when they teach classes like Introduction to Computers and Engineering Problem Solving (1.00), with a workload that the Course Evaluation Guide rates at 17

hours a week, students sometimes need to take out their frustrations.

And the professors certainly need a sense of humor and a thick skin.

Professor of Civil and Environmental Engineering Robert D. Logcher '58, who is teaching 1.00 this semester, meets all of the above qualifications and students recognized him last week by giving him the Institute Big Screw Award.

The award lets student pay a penny a vote to choose the administrator, professor, or staff member "who is deemed the most worthy of this award," according to APO rules.

In the process of voting, students raised \$453.87 for a charity chosen by the winner — in this case, the Planned Parenthood League of Massachusetts. Students contributed \$179.12 on Logcher's behalf.

Students voted at a booth in Lobby 10 that was staffed by APO members from Monday to Friday last week.

"It was a good year. More money was raised this year [than last]," said Henning Colman-Freyberger '94, Big Screw project chair. "Much thanks goes to the professors."

Logcher said it felt very good to win the award, though he admitted to some mixed feelings. In the end, he chalked it up to a win for 1.00. "I think it's for the course. I think it shows the tradition of really tough courses at MIT," he said. "1.00 is a very tough course and we work the students very hard."

Some professors did a little campaigning for the award. Jacob K. White '80, professor of electrical engineering and computer science, brought a collection jar to the Sig-

nals and Systems (6.003) exam on Thursday night. He finished second in the contest, collecting \$138.

Logcher did not vigorously campaign for the award. "I mentioned it in class. And I did tell students that since the problem sets have been driving them bananas and they just got hosed on a quiz that they could vent their frustrations," he said.

Finding candidates can sometimes be tricky, Colman-Henning said. "In the weeks before, we approach individual professors and ask them to consider running. We also ask staff members. These are more reluctant as they can be fired and the professors have tenure," he said.

"One of the main goals is to find high visibility professors so we can raise a lot of money," Colman-Henning said.



THOMAS R. KARLO—THE TECH

Professor of Civil and Environment Engineering Robert D. Logcher '58 accepts the Big Screw in his 1.00 lecture yesterday.

Student Robbed Off Campus

Robbery, from Page 1

since they did not show it to him.

Hartmann said he reported the incident to the Cambridge and the Campus Police departments. "All of the police departments and my professors have been extraordinarily helpful," he said.

Because the incident occurred off campus, the role of the Campus

Police was "secondary," said Chief of Campus Police Anne P. Glavin.

Because of the robbery, Hartmann has decided to use a different street to access his apartment. Pearl Street is not as well-lit as other nearby streets, he said.

"The place where I live is owned by MIT, and only MIT affiliates are allowed to live here," Hartmann said. Most of these people are MIT

graduate students, he said. "Yet Safe Ride, which is supposed to ensure the safety of the MIT community, does not serve this building," he said.

However, MIT has students that live all over the city, outside the city, and in neighboring cities, Glavin said. "The message remains the same: Be careful traversing the city streets at night," she said.

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"IN THE LINE OF FIRE" is a one-day seminar dedicated to answering these questions (and many more) and giving students an opportunity to take stock of their moral position. It will include a day of speeches, classes, as well as multi-media and dramatic presentations. The day will be topped off by a concert featuring **121**, one of Boston's hottest bands. Come join approximately 500 students from the Boston area as we discuss a generation "IN THE LINE OF FIRE."

The cost of the seminar is \$15, which includes lunch and the concert, and will be held at the Harrington School, 850 Cambridge St. in Cambridge on Saturday, April 16, starting at 11am. Call Rob (x5-6255) for reservations.

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Zoning Board Must Approve Use of Building by Sorority

AXO, from Page 1

move," said Hebert, who was house manager during Alpha Phi's first year off campus. Living in the dormitories is "not the same thing as being part of a community that's a cooperative living group," she said.

"I'm really excited about having an opportunity to live off campus in our house. It's absolutely gorgeous," said AXO member Kelly M. Hetherington '97. "I think that we're all going to have to make a few sacrifices in moving into the house, [but] I think it will be worth it to live with all of our sisters."

Although MIT has agreed on a price and signed the sale agreement, "we said we do not want to close on this property until we get through the process of getting a zoning variance for its use [as a sorority house] and getting it licensed as a lodging house," Immerman said.

The site for the proposed house is in a "conditional use zone" west of Charlesgate on Commonwealth Avenue, Immerman said. This means that the use of the building for sorority housing would have to be "allowed by special permit of

the Zoning Board of Appeals of the City of Boston," Immerman said.

Also, a "community hearing process" will be held with residents of the building area, said Neal H. Dorow, assistant dean and adviser to fraternities, sororities, and independent living groups.

MIT will then "fashion a lease for the sorority," Immerman said. The lease will be a "very, very long term ground lease" that grants AXO "more or less the right to ownership."

An architect is creating the drawings that will be submitted to the zoning board. MIT will hire a general contractor to perform the necessary renovations after the zoning is approved, Immerman said.

"It is our hope that we would be able to achieve a move-in for fall semester," Immerman said. However, "there are very many variables between now and then."

Location, renovations considered

Several criteria went into the selection of the house, Immerman said. "The first issue is zoning," he said, because available property in most of the Back Bay area cannot

be used for fraternity or sorority housing.

MIT looked for a location reasonably near the main campus and also adjacent to "services and things that are going to support the needs of student life," Immerman said. The house is near the Kenmore Square area.

"One of the best things about it is that it's in a nice, safe neighborhood, and that there's a T-stop nearby," Hetherington said.

The building is currently zoned as both residential and business, Immerman said. Changing the zoning to residential is an asset for the surrounding community and would make the sorority housing more amenable, Immerman said.

The cost of renovating the building must also be considered, Immerman said. "Independent residences have to support the cost of renovation for houses," he said. "There's a certain point at which you can't afford to do it."

The amount of renovation will not be large because "fortunately in this particular case it is a truly beautiful building," Immerman said. "Having been in single-family use, it was maintained very well."

Anderson, from Page 1

earning a master's degree in architecture from MIT in 1930. While a graduate student at MIT, Anderson earned the prestigious Paris Prize for post-graduate study at the Ecole des Beaux Arts in Paris.

Anderson returned to MIT in 1933 as an assistant professor of architecture. He became a full professor in 1944 and was named head of the department in 1947. He served as dean of the School of Architecture and Planning from 1965 until his retirement in 1972.

Anderson rethought school's role

Under Anderson's leadership, changes were made in the direction and curriculum of the architecture program. The School of Architecture and Planning also rethought its role as part of a technological institution.

The department added studies of illumination, solar heating, procurement specifications for mobile housing, application of modern plastics in construction, and acoustics to its curriculum.

Students and colleagues said Anderson was a great professor and



PHOTO COURTESY NEWS OF LAWRENCE ANDERSON MARCH '30

was very friendly with students. "I was very much a part of the ferment that was in the spirit of the architecture school then," Hartmann said.

After his retirement, Anderson continued his association with the Institute as a member of the Council of the Arts from 1974 to 1977.

MIT established a biennial award in Anderson's name after his retirement. The initial endowment for the fund was made by two former students, Hartmann and I. Pei '40.

In 1978 Anderson received a joint award from the American Institute of Architects and the Association of Collegiate Schools of Architecture for lasting achievements in architecture education. He was the first recipient of the Boston Society of Architects Award of Honor and the St. Botolph Church Foundation Award for Excellence in Architecture, both in 1984.

He was a Fellow of the American Academy of Arts and Sciences and the American Institute of Architects, and past president of the Association of Collegiate Schools of Architecture. In 1957 he was appointed a Fulbright lecturer to the Danish Royal Academy of Fine Arts in Copenhagen.

Anderson leaves two daughters: Judith Lawler of South Nyack, N.Y., and Karen Cantine of Edmonton, Alberta; a son, Lawrence S. Anderson of Whitehouse, Ohio; and seven grandchildren. His wife, Rosine (duPont) Anderson died in 1992.

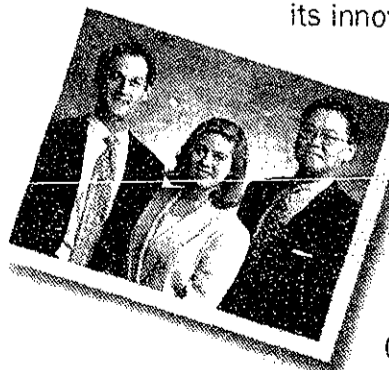
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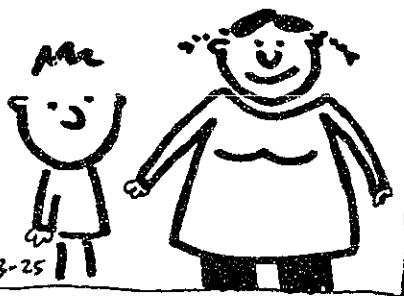
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Jim's Journal

Today Ruth and I went to a camera repair shop.



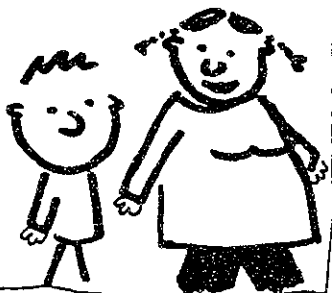
Ruth was picking up her camera, which got repaired there.



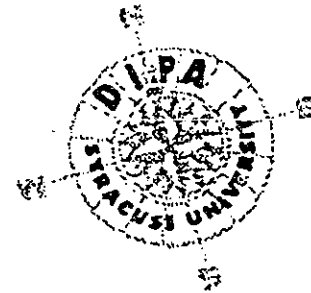
She said it was no wonder it needed to be fixed, since it had just been sitting around collecting dust for months.



As we were leaving she said, "Now let's go buy some film."



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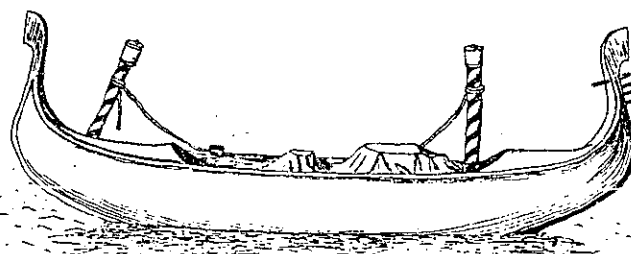
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Text of April 7 Indictment of David M. LaMacchia '95

Following is an abridged text of the grand jury indictment entered against David M. LaMacchia '95 in US District Court in Boston.

The Grand Jury charges that:

1. From on or about November 21, 1993, to on or about January 5, 1994, at Cambridge, in the District of Massachusetts, and elsewhere, DAVID LAMACCHIA defendant herein, did knowingly and intentionally combine, conspire, confederate, and agree with other persons unknown to the Grand Jury, to commit offenses against the United States, that is, to devise and execute a scheme and artifice to defraud, and, for the purpose of, executing and attempting to execute such scheme, to transmit and cause to be transmitted in interstate commerce, by wire communication, writings, signs, signals, pictures, and sounds for the purpose of executing such scheme and artifice, in violation of Title 18, United States Code, section 1343.

CONSPIRACY AND SCHEME TO DEFAUD

5. It was part of the scheme and

conspiracy that defendant DAVID LAMACCHIA, using the computer aliases "JOHN GAUNT" and "GRIMJACK," set up, participated in setting up, and, from on or about November 21, 1993, to on or about December 21, 1993, and from on or about January 3, 1994 to on or about January 5, 1994, operated and participated in the operation of a computer bulletin board system named "CYNOSURE" to permit and facilitate, on an international scale, the illegal copying and distribution of copyrighted software, without payment of software licensing fees or the software purchase price to the manufacturers and vendors of the copyrighted software

6. It was further part of the conspiracy and scheme to defraud that defendant DAVID LAMACCHIA operated, and participated in the operation of, "CYNOSURE" on two computer work stations owned and operated by MIT, located at Cambridge in the District of Massachusetts. The two work stations were designated "CYNOSURE I" and "CYNOSURE II." In addition, a third MIT computer was utilized for

back-up files and other purposes associated with running CYNOSURE.

9. It was further part of the conspiracy and scheme to defraud that the defendant, using the computer aliases "JOHN GAUNT" and "GRIMJACK," communicated to other persons the Internet address (or "site") for the CYNOSURE BBS to permit them to send, by means of interstate and foreign wire communication, files and messages to the BBS and to avail themselves of the opportunity to copy and cause to be transmitted by means of interstate and foreign wire communication, computer files stored on the BBS. The users of the CYNOSURE BBS often hid their identities by using an Internet address located in Finland which afforded an anonymous forwarding service.

10. It was further part of the conspiracy and scheme for users to "upload" computer files into the CYNOSURE BBS in order to create a library of software that could be accessible to other users who, without paying a purchase price or licensing fee, could unlawfully

download copyrighted software to their own computer systems. Files downloaded to an anonymous Finnish Internet address service would then be surreptitiously forwarded to the user's own computer system.

11. It was further part of the conspiracy and scheme to defraud to circulate the CYNOSURE BBS address to a trusted network of computer users in order to protect the BBS from detection, and to communicate with BBS users by posting "README" files on the BBS. In these communications, which users would access through interstate telephone communication between their computers and the MIT server upon which the CYNOSURE BBS was resident, the defendant: advised users to check the CYNOSURE I index before uploading files so as not to duplicate existing files; requested particular copyrighted software; and cautioned against over-publication of the Internet site address for the bulletin board in order to reduce the risk of detection by the "net. cops," i. e., systems administrators and network security personnel.

12. In fact, however, as defendant knew, the site address for the CYNOSURE BBS was disseminated widely and indiscriminately over public electronic networks, and as defendant knew or reasonably could have foreseen, traffic into and out of the CYNOSURE BBS for the purpose of unlawfully copying copyrighted software quickly became enormous. For example, approximately 180 computers contacted the BBS over a single 16-hour period of time it was in operation, downloading hundreds of computer software files containing copyrighted commercial programs during that same period.

13. As a result of the conspiracy and scheme to defraud, losses from the illegal distribution of the pirated software are estimated to exceed one million dollars during the period the CYNOSURE BBS was in operation.

14. On or about November 24, 1993, at Cambridge, in the District of Massachusetts, defendant DAVID LAMACCHIA created a "README" file on the CYNOSURE BBS which stated,

Welcome to the Cynosure FSP site. The site currently has about 150 megs of space, so go ahead and upload. Let's get this site going! New files should be uploaded in a new directory under /dos/files.

- GrimJack, your sysop.

15. On or about December 4, 1993, at Cambridge, in the District of Massachusetts, defendant DAVID LAMACCHIA created, and participated in creating, a "README" file on the CYNOSURE BBS which stated,

Welcome to the Cynosure I FSP site. This site has a total of 193 megs of space. This is a download-only site. If you want to upload (please do!) on Cynosure II at 18.187.0.75 port 2433.

- gJ (a. k. a. Gaunt, Mongoose)

Maintainers

16. On or about December 9, 1993, at Cambridge, in the District of Massachusetts, defendant DAVID LAMACCHIA created a "README" file on the CYNOSURE BBS which stated: "Use this directory for sending private pgp-encoded messages to other users. — John Gaunt"

18. On or about December 21, 1993, at Cambridge, in the District of Massachusetts, defendant DAVID LAMACCHIA created a "README" file on the CYNOSURE BBS which stated,

Cynosure II is currently acting as the upload site, and we're periodically moving stuff to Cynosure I and deleting old stuff there.

Before you upload, make sure you're not putting something up that's already on Cynosure I. Check there at 18.187.0.76 port 2433 to make sure, or look at the Cynosure I index for a possibly-out-of-date version.

URGENT

This is the second time I've caught some luser publicizing the site address on #fsp over IRC. And since I don't use it that much, I don't even want to think about how much of this goes on.

Think you guys: this is what leads to a site getting purged, especially when you go around spitting out site address to whomever (especially since I was warned that two of those online at the time might have been net. cops).

If you're tempted to give out the site: DON'T DO IT. If this keeps happening that two things will happen (1) this site will close and (2) its new incarnation will be private. So think about it, ok?

***Flame off

Writing is back on for the meantime. It will probably go off sometime tonight, since I'll be out of town. I "may" put it back on while I'm gone . . . I'll see how things work out.

- John Gaunt, Mongoose Maintainers.



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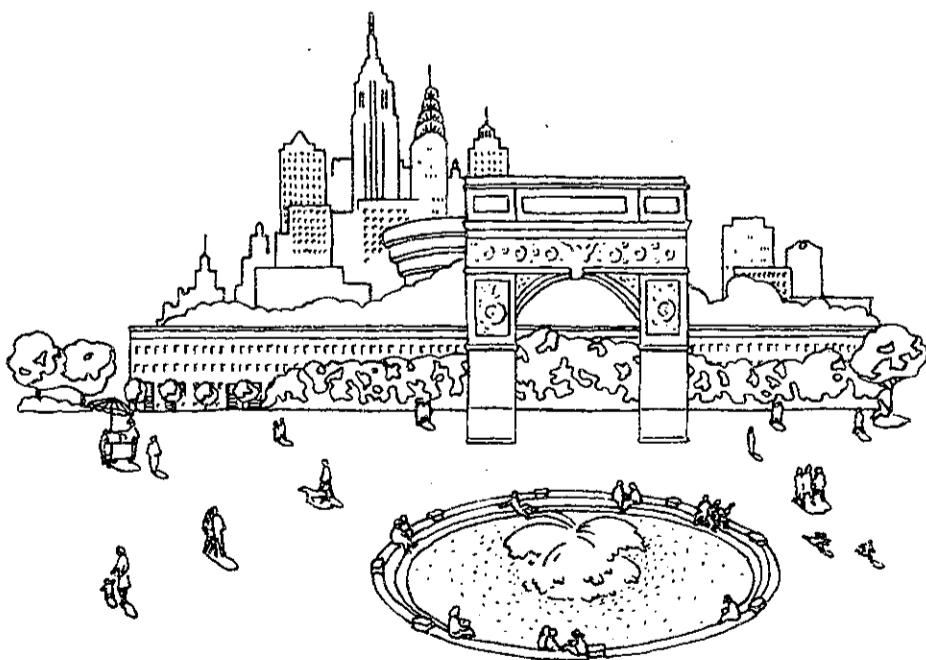
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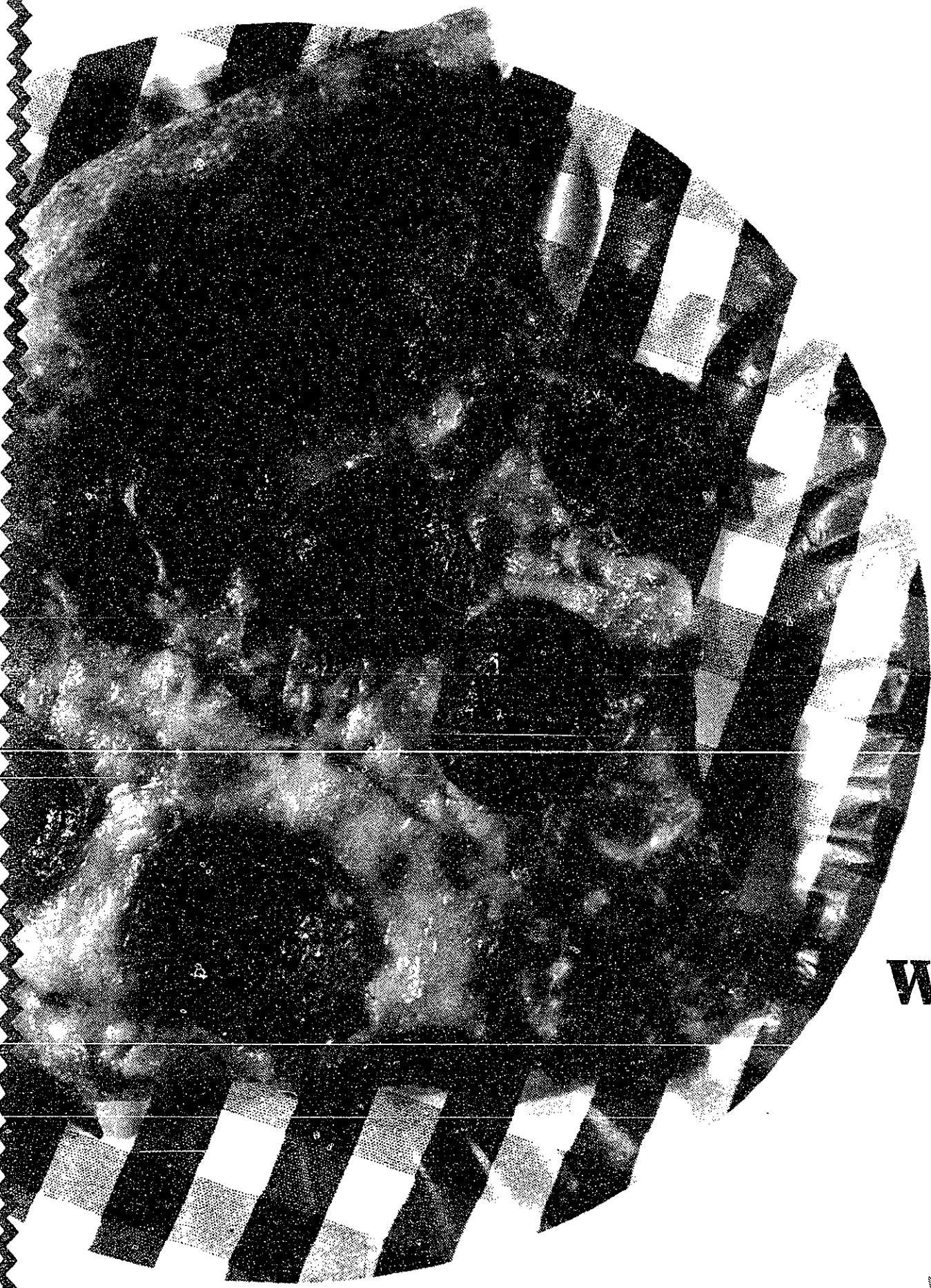
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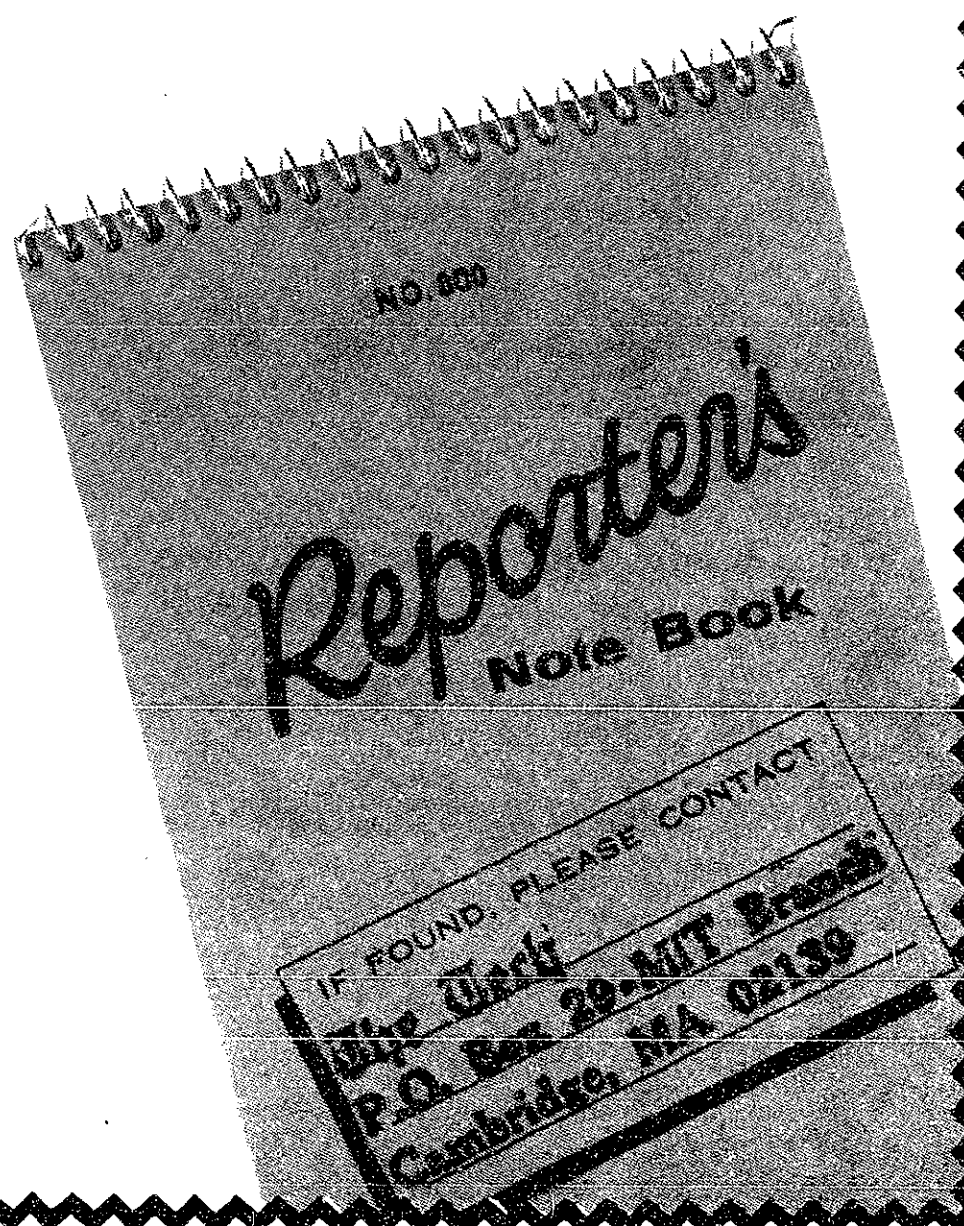
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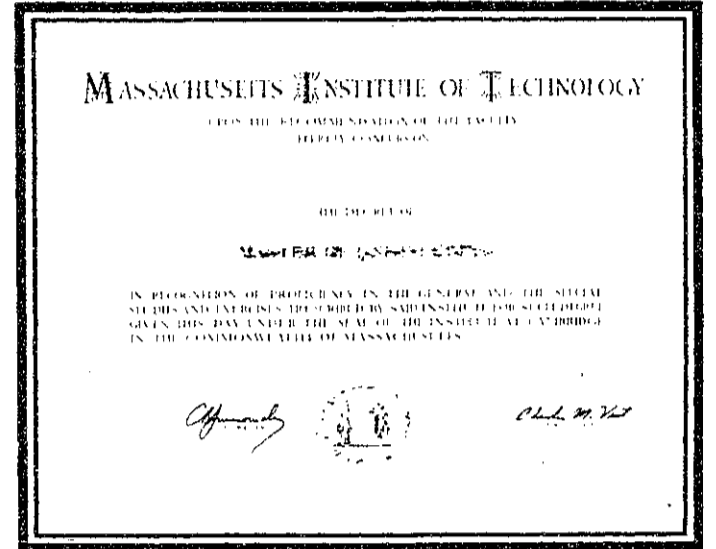
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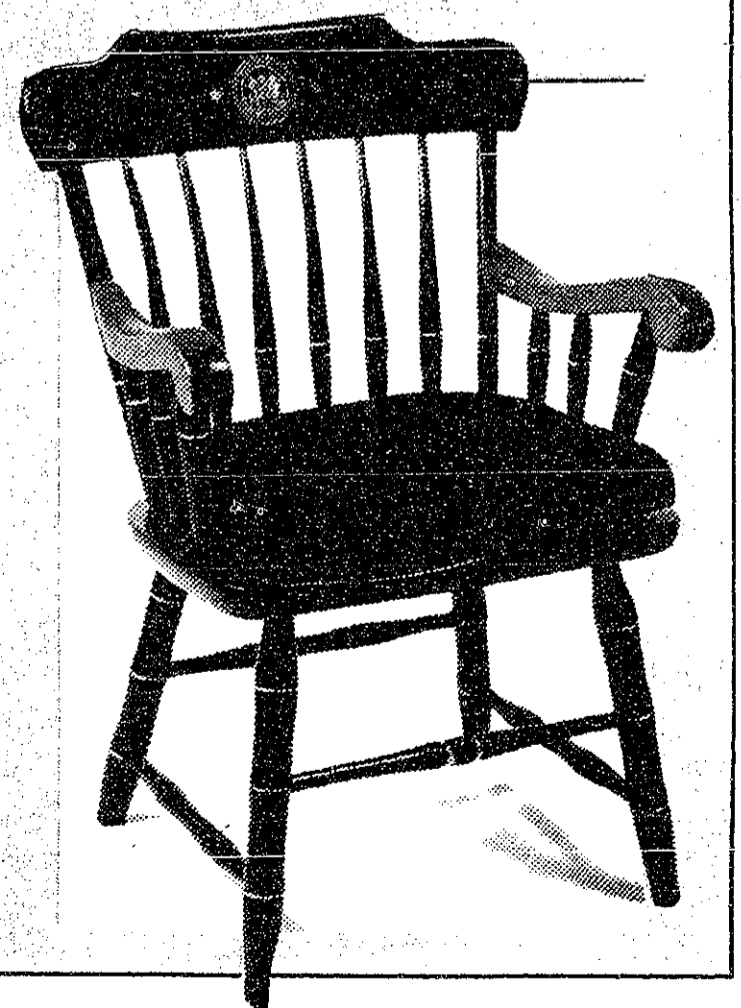
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IS Monitored Use Of Software Site

FBI, from Page 1

net.cops'” Philip G. Greenspun G, who worked with LaMacchia at the Artificial Intelligence Laboratory, has established a defense fund to assist with LaMacchia's legal expenses. He had raised \$3,000 by yesterday afternoon.

System logs examined

According to James D. Bruce ScD '60, vice president for Information Systems, the servers were first detected around the beginning of the 1993 winter vacation.

After the servers were detected, IS began to monitor usage of the machines involved, Bruce said. It was likely that IS also used programs to determine the number of workstations which were involved, he said.

“Within IS, there is a lot of work that is done behind the scenes to detect untoward behavior. ... It is a form of preventative maintenance,” Bruce said. “You want to find out the cause of the behavior, so you do a lot of monitoring.”

From this monitoring, IS was able to identify LaMacchia as the individual responsible for the servers, Bruce said.

By examining system logs for the machines, IS was able to determine that the servers had been running since late November, Bruce said. According to the indictment, the servers were operational from Nov. 21, 1993 to Jan. 5, 1994.

LaMacchia operated the servers using the aliases “John Gaunt” and “GrimJack,” the indictment said. The servers, which used the File Service Protocol (FSP), allowed users to both upload and download software.

FSP is a method of transferring files in measured increments, reducing the chances that the computational cost of running the server will interfere with normal use of the computer.

In addition, the indictment alleges that “users of the [servers] often hid their identities by using an Internet address located in Finland which afforded an anonymous forwarding service.”

At one point, the indictment alleges, LaMacchia placed a file entitled “reqs.from.gaunt” onto one of the servers. In the file, a request was specifically made for Sim City 2000, Microsoft Excel 5.0, and Wordperfect 6.0.

A list obtained by *The Tech* showed that two of these programs, Excel and WordPerfect, were present on the server at one point along with nearly one hundred other programs, many of which were copyrighted.

Defense: inappropriate use of law

“Sadly, the United States Attorney General for Massachusetts, Daniel K. Stern, has chosen, in this case, to attempt to exert control over the use of the Internet and computer communication by an inappropriate use of criminal law,” LaMacchia's lawyers said in their response to the indictment.

“In indicting David LaMacchia, a 20-year-old junior at MIT, the US Attorney and his staff are trying to brand a computer systems operator ... as a criminal for what other people place on, and take off a computer system that [he] creates and maintains but does not control,” the attorneys said.

In the “Issues Primer,” LaMacchia's counsel said, “David LaMacchia is not alleged in the indictment to have uploaded, downloaded, transmitted, or even used personally any copyrighted software on the [server] that he created and operated.”

Though these allegations are not made in the indictment, both Bruce and McMullin said that evidence exists that LaMacchia did more than simply provide the servers for users. “He was putting software on the [server], plus other people who were calling in were putting up software,” McMullin said.

“Let's just assume that there are reasons to believe ... that he was not just creating a locker,” Bruce said.

“The investigation concerning LaMacchia is over,” McMullin said. “If other facts came to light, they might create more investigations.”

While many of the files contained in the indictment are signed by two individuals, GrimJack and Mongoose, no mention is made in the indictment of a second person being involved.

LaMacchia is the principle person being investigated, McMullin said.

“I don't know that there were ever any leads as to who Mongoose was,” Bruce said.



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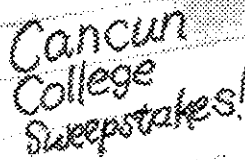
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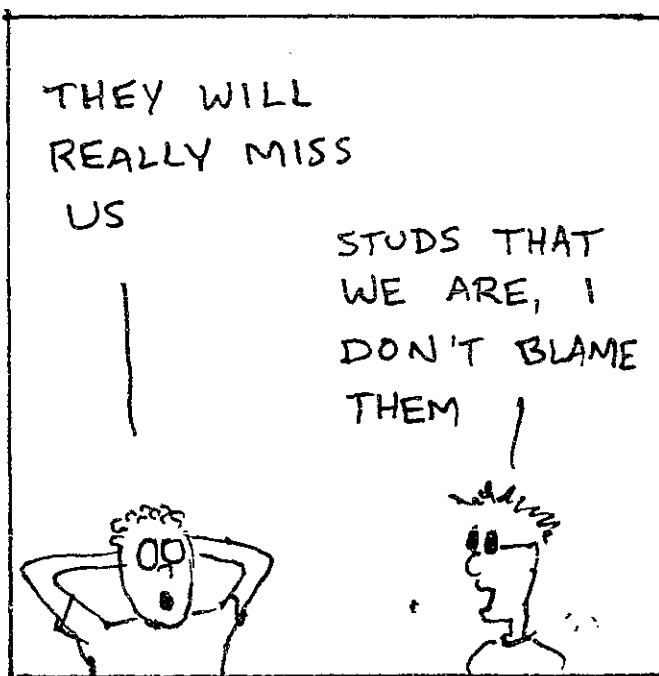
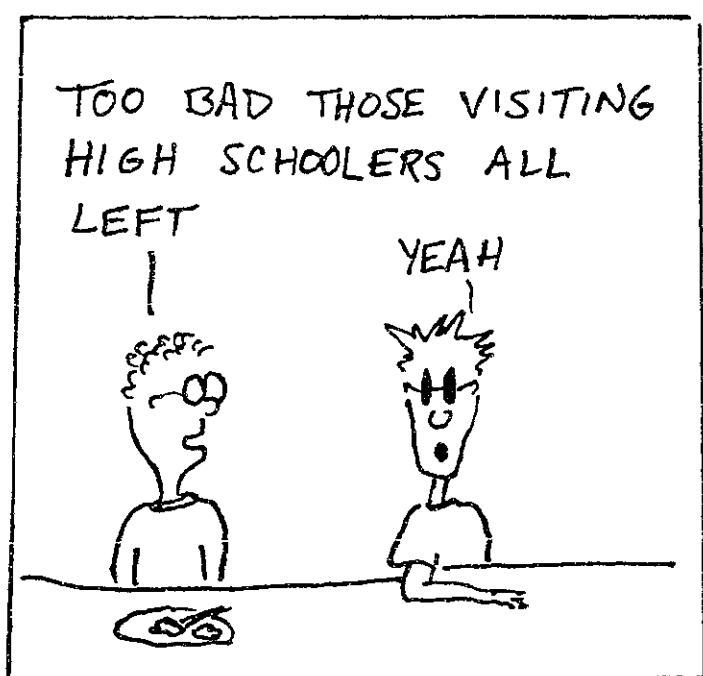
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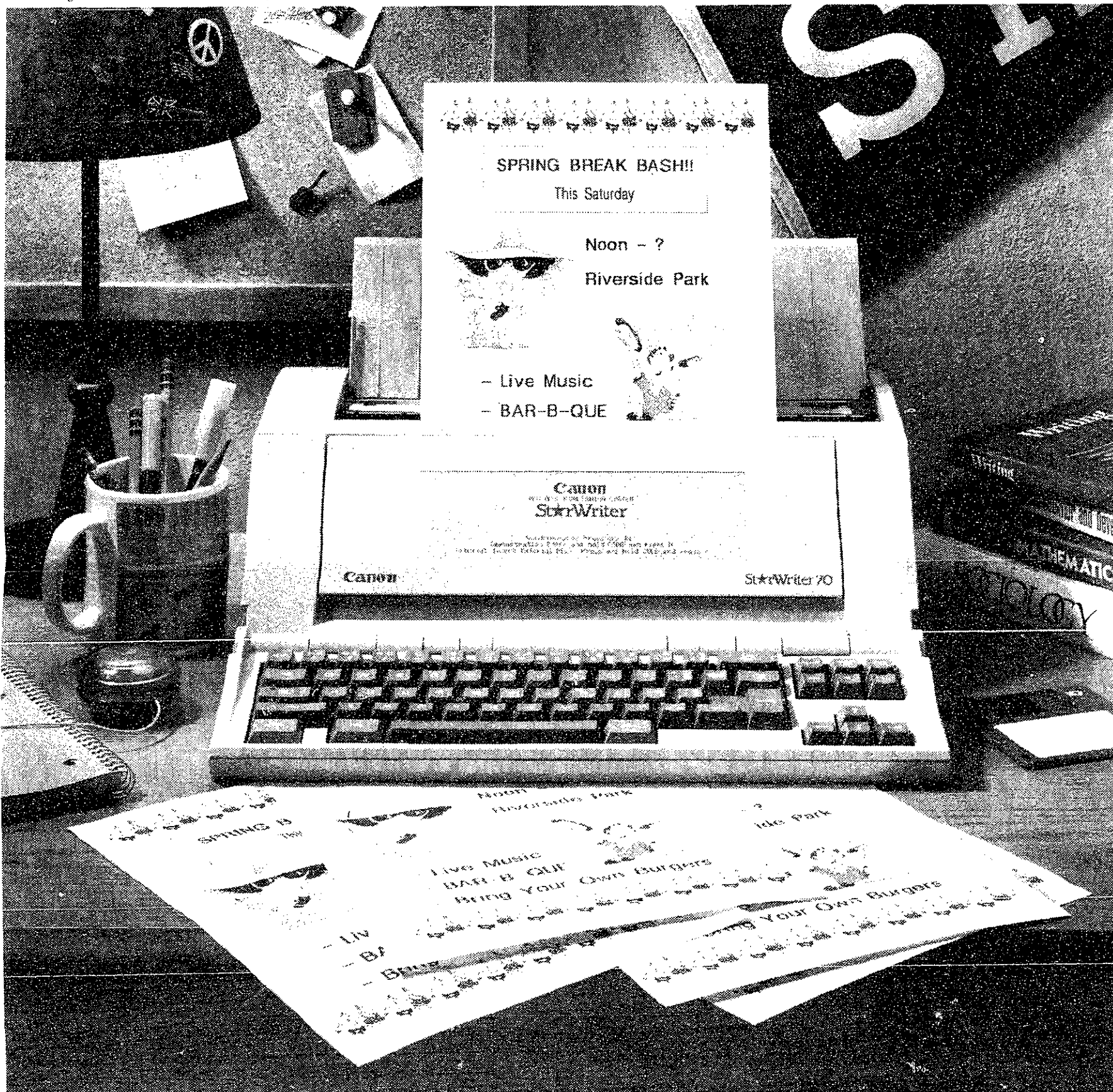
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By Mark P. Hurst



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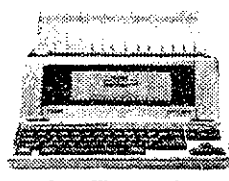
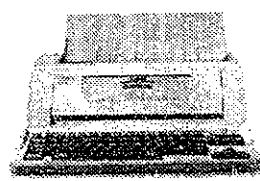
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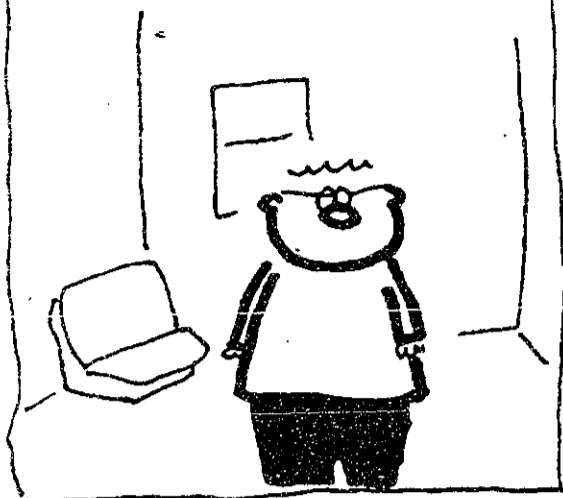
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Jim's Journal

by Jim

I went over to Dan's place today.



He showed me an astronomy book his parents got him for his birthday.

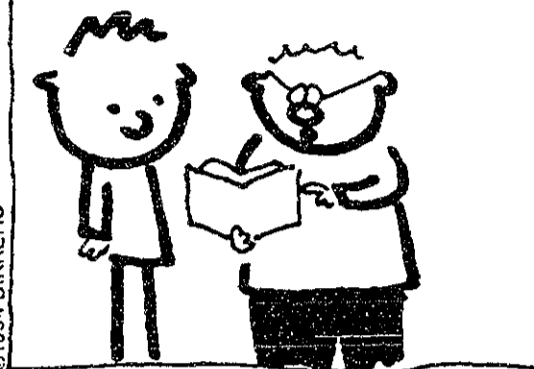


3-24

"I love astronomy," he said.



He started showing me star charts and stuff, and it got kind of boring.



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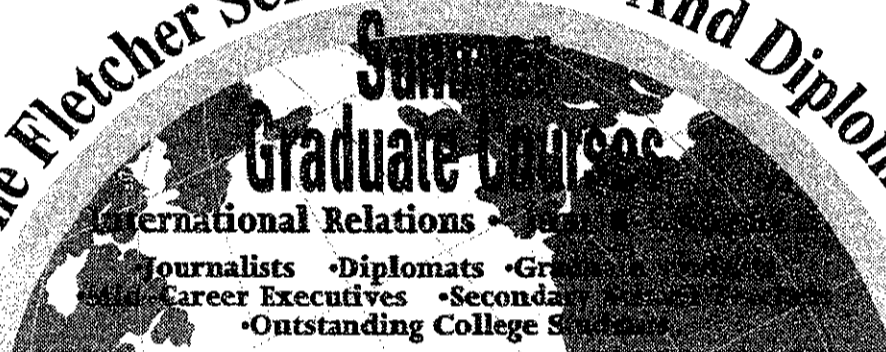
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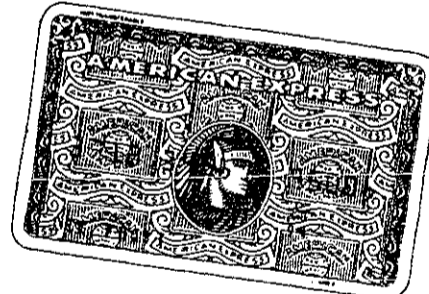
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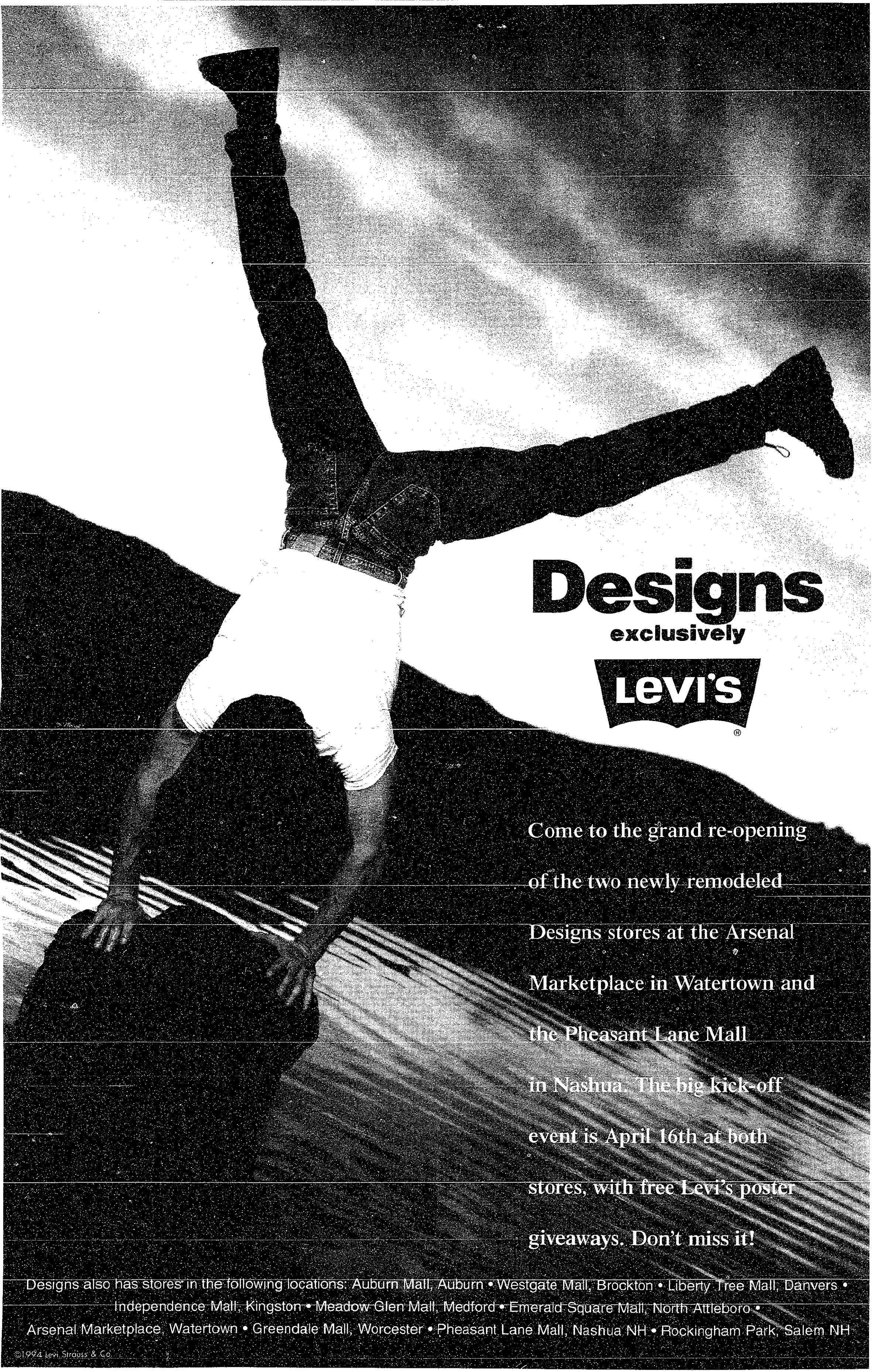
Your school is among 190 participating this year, making Hunger Cleanup the largest one-day community service event in the country. American Express salutes all the volunteers and is proud to be the sole national sponsor.

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Third-Set Tiebreaker Decides USCGA Match

Tennis, from Page 24

previous day's effort, and fueled by only a small Burger King breakfast, the MIT team came back to the courts at Swarthmore College. This time, it competed against Trinity, ranked fifth in the nation among Division III schools. Although there were many excellently-played points, Trinity handed the Engineers a depressing 9-0 drubbing.

At the outset, MIT lost the services of Tsai, whose conditioned worsened over the evening. While this caused coach Jeff Hamilton to moved up his bottom three players one slot, Tsai's doubles skills were even more missed.

Almost all the singles players seemed to play below par, as they all lost in straight sets. Muelhoefer lost only his second of eight matches against Division III opponents this season, by a score of 6-1, 6-4. Muelhoefer's loss, one of his worst of the season, came at the hands of Trinity's regular number two player, as the top player sat out due to an illness.

Lomelin came off the court quickly, with a 6-0, 6-0 defeat. Erickson's tenacity allowed him to be the last one off the court again, but his opponent won the crucial points to win the match, 6-2, 6-4.

The freshmen, who played the entire bottom half of the lineup, all played some wonderful points, but could not do much better. Weintraub lost his match, 6-3, 6-1. Wang had some chances to go ahead, but could not convert, and ended up with a 6-2, 6-4 loss. Rob Marcato '97, filling in at sixth singles, displayed tough serve-and-volley play, but his opponent passed him enough times to hand a 6-1, 6-3 defeat.

The doubles play was slightly better but could not produce any points for the Engineers. Furthermore, although there were chances, MIT also failed to win a single set.

Marcato substituted with Tsai as Muelhoefer's partner, thereby pairing the two biggest members of the

team. Unfortunately, they were unable to produce much out of it, as the Trinity opponents proved themselves stronger to add another point, 6-2, 7-6(7-1).

At second doubles, Erickson and Weintraub were unable to establish the dominance that they had in their last two matches. As a result, the two lost their first match against a Division III opponent, 6-4, 6-2.

The third doubles team finished with an identical score to the first doubles team. Once again, Lomelin and Wang started out in poor fashion, missing services, returns, and volleys. In the second set, though, the two picked up their level. Whenever the pair had a game point against them, Lomelin often swung at services to produce winners.

They took advantage of their opponent's weaknesses to lead, 6-5, but then lost the lead, and went into a tiebreaker. The Trinity team went ahead to a 3-0 lead, but Lomelin and Wang fought back. The breaker remained close, but the MIT pair needed to save a match point at 5-6. They managed to do so, then went on to own a set point 7-6, with Lomelin serving. A service return winner, then some putaway shots helped Trinity pull off the win, and the shutout.

Narrow win over Coast Guard

The winner of a best-of-nine matches intercollegiate tennis dual meet being decided by the last possible game of the very last set of the last individual match happens quite rarely. That was what happened last Tuesday as the Engineers pulled out a 5-4 nail-biter over the United States Coast Guard Academy. After a six-hour battle, MIT prevailed by the slimmest of margins.

The win was especially sweet for the MIT players, who avenged a loss to Coast Guard last year in the title match of the Constitution Athletic Conference Championships.

Rain forced the action to be moved inside to the J.B. Carr Indoor Tennis Center. A venue with four courts extended the duration of the

meet, and increased the excitement.

The singles play provided much of the drama, as the two teams ended the first part of the match in a 3-3 deadlock. Lomelin and Tsai fought hard, but were defeated in straight sets. Wang, playing sixth singles, won his first set against Tim Haws, 6-3, but lost the second set, 6-4, and fell behind, 5-2. He fought his way back to 5-4, but gave away the match by double faulting the last two points.

The points for MIT did not come as easily. Muelhoefer struggled early on against Tony Cella, and lost the first set, 6-3. However, he persisted in his attacking game, and pulled out the last two sets, and the match, by a score of 7-5, 7-6 (7-2).

Erickson, who attacked in a similar fashion, raised the level of his game, and defeated Tom Cooper, 7-5, 3-6, 6-3. Weintraub, at fifth singles, lost his first set, but then used his steady baseline play to capture the victory, 4-6, 6-4, 6-3.

With the score at 3-3, whichever team won the majority of the doubles matches would be the winner of the entire dual meet. Things initially did not look too good for the Engineers.

The first pair off the court were the third doubles team of Lomelin and Marcato, who were overpowered and dropped the abbreviated match, 8-2. On the next court, Erickson and Weintraub were off to a slow start, dropping the first set to Cella and Haws, 6-0.

The top team of Muelhoefer and Tsai did not begin any better, losing their first set, 6-3. They took to the court against a familiar foe, the pair of brothers Dave and Tom Cooper, in a rematch of the finals of the Rolex New England Small College Tennis Championships, which took place almost exactly six months before. At that match, Tsai made a miraculous save with a championship point against him and Muelhoefer, to allow them to rebound and emerge victorious.

While a total replay did not happen, the match was still exciting,

featuring many well-played rallies. The MIT pair regrouped and stormed to a 4-1 lead in the second set, before taking the set, 6-4.

In the final set, Muelhoefer and Tsai dominated the front court and ran a 5-2 lead. In what looked like what would be an easy win, the duo squandered four games in a row. During that stretch included a rare break of Muelhoefer's service, which even included a match point.

The MIT pair then found themselves behind 6-5, and even fought off a match point before forcing a final-set tiebreaker. They strung together a 4-1 lead before the Cooper's won two consecutive points to make the score 4-3. Although that point in time made watching the match stressful for MIT supporters, Muelhoefer and Tsai delivered by winning four points in a row. On match point, Tsai, who had been struggling all day with his service returns, responded with a lob deep in the court, which neither of the Coast Guard opponents could return.

A similar turn-around happened with the second doubles team. Erickson and Weintraub caught fire in the second set and attacked almost every ball that crossed the net. The result was a 6-3 second set win. The third set showcase some intense rallies, but the overall tone set, was the servers dominating the points, on both sides. Both teams traded games, bringing the fate of the team to a tiebreaker.

Despite nervously watching, teammates on both sides cheered hard to support members on the court. The cheering started out in favor of Coast Guard, for their doubles team lead 6-4 in the tiebreaker, with two opportunities to seal off the match.

However, the MIT pair showed mental toughness by winning four points in a row. An inspired Erickson put away the balls that the Coast Guard team was luckily to hit over the net. After Cella's lob on match point landed long, the whole MIT team scrambled onto the court to congratulate the two.

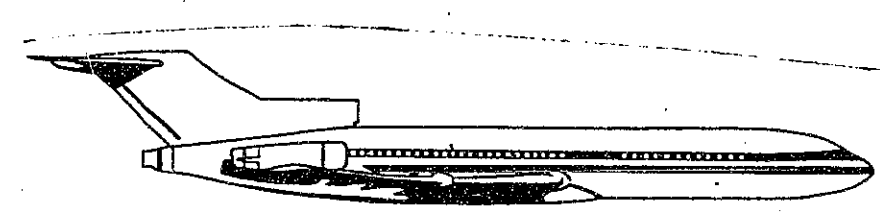
On the match, Hamilton said, "It rates with one of the best comebacks ever." He was impressed with his players' mental toughness, shown by winning five of six three-set matches, and all of the tiebreakers. "It was coming through in the clutch," Hamilton added. Weintraub, who help clinch the win, said, "It felt good to win one for the team."

The two matches began a road trip which spans a little more than a week. Today, the team will take on rival Tufts University, who it beat 5-4 last year. The netmen will then travel to Connecticut College on Thursday, participate in Constitution Athletic Conference Championships on Saturday, then finally matchup with Williams College, on Sunday. The Engineers will then play its next home match, against Brandeis University on April 20.



THOMAS R. KARLO—THE TECH

An MIT long jumper extends out over the sand during the track team's meet last Saturday afternoon.



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SOLUTIONS IN THE NEXT EDITION OF THE TECH

ACROSS

- 1 Luke of "Star Wars"
- 10 Elegant
- 14 Nickname for Syracuse Univ. (2 wds.)
- 15 Turkish title
- 16 Deep involvement
- 17 Place of sacrifice
- 18 Gypsy Rose
- 19 Lawyer (abbr.)
- 20 Exiles
- 22 Verdi opera
- 24 Pitcher's statistic
- 25 Natl. Coll. Assn.
- 26 Famous volcano
- 28 Mr. Rogers
- 29 Hundred years (abbr.)
- 30 Part of e=mc²
- 33 Economics abbreviation
- 35 Parody
- 37 Under one's guidance (2 wds.)
- 39 — Mahal
- 41 Clothing characteristics
- 42 Ear bone
- 44 Basketball game need
- 46 Kennedy and Danson
- 47 Tennis replay
- 48 Blanc or Jungfrau

- 50 Ariene
- 52 Bullfight cry
- 53 Actress Perrine, for short
- 54 Stogie, western style
- 58 Old TV show, "GE — Bowl"
- 60 Organization for Mr. Chips
- 61 French article
- 62 "...partridge in — tree"
- 63 Something that Felix Unger has
- 66 GRE and SAT
- 67 Sailors' patron (2 wds.)
- 68 Being: Lat.
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DOWN

- 1 French crossing
- 2 Official language of Cambodia
- 3 Where San'a is
- 4 Misfortune
- 5 Shameless
- 6 Durable
- 7 Type of shirt
- 8 — trip
- 9 Provide, as a service
- 10 — Alto
- 11 Exclude socially

- 12 In pieces
- 13 Severity
- 15 Tropical fruits
- 21 God of love
- 23 Fable writer
- 27 Opposite of syn.
- 30 Lose
- 31 Playmates of deer
- 32 Lacking nationality
- 34 — avion
- 36 Legal ownership
- 38 Basket makers
- 40 Buddy Ebsen role
- 43 Smeltery waste
- 45 Attaches
- 49 Satisfy
- 51 Fireside
- 55 Trade organization
- 56 Prefix: wind
- 57 Plant again
- 59 Overdue
- 60 Ballet movement
- 64 Opposite of clergy
- 65 Suffix: region

PUZZLE SOLUTIONS FROM LAST ISSUE

EDIT	ITS	PONS	SKIM
VENAL	ADEN	PANE	
AFICIONADO	INGA		
NOM	MDIX	WONTE	
SEISMIC	ABLE		
TEEN	LIAISONS		
HOARD	CARLO	BOW	
AMBO	PANEL	PLEA	
NIL	PARED	DAILY	
STEWARDS	BERG		
AWLS	SATRAPS		
PATINA	DELE	TOA	
EXIT	NARCISSISM		
RENE	CHAT	THOSE	
ODER	EATS	SANER	

Jim's Journal By Jim

Today Ruth came over and we watched TV.



Later, we went over to Tony's and he was unshaven.



He asked, "How's she lookin'?" referring to his beard.



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Costly Error with Bases Loaded Downs MIT

Baseball, from Page 24

Copeland. Quintero hit into a double play to end the game.

For the record, the Bears had nine hits to the Engineers four. The big differences were errors and extra base hits. The Academy only committed one to MIT's three, two on pickoff plays by the pitcher. Also, the Bears had three extra base hits, two doubles and the home run while the Engineers could not generate any.

The highlight of the game had to be Lepard's fielding in right field. He nailed two baserunners during the game to prevent more runs from scoring.

The second game was just like the first as the baseball team still could not generate any extra base hits.

In this game, MIT threatened in the opening inning. Olson led off with a single but was forced by Gass. Christensen and Mendell followed with singles to load the bases. However, Mueller hit into a double play to end the inning.

In the second, the Coast Guard scored the only runs of the game. Bickerstaff led off with a single. Belleque then walked. Then Steve Burdian singled to load the bases. Matt White then hit a ball to the second basemen Christensen but Chris-

tensen booted the ball, scoring Bickerstaff and leaving the bases loaded. After two outs, Waters doubled in Belleque and Burdian. Zawotney grounded out to Christensen to end the inning.

In the sixth inning, the Bears threatened again. King walked and Bickerstaff singled. In a surprising and stupid move, the Coast Guard Head Coach Don Pinhey had Belleque sacrifice. However, the next two batters popped up to end the inning without anyone scoring.

In the same inning, MIT threatened. Olson led off with a single. Gass reached on a error by the pitcher. However, Christensen hit into another double play with Olson taking third. After Mendell was hit by a pitch, Mueller flied out to center to stop the final MIT threat.

In the game, the Bears had six hits while the Engineers had seven. However, extra base hits were the difference in the game. The Academy got the big double in the second inning while MIT could not get an extra base hit in this game either.

Head coach Fran O'Brien commented, "Have to give credit to their pitchers. Mendell and Lepard pitched great games. They just beat us. Have hit a bit of a slump. Throughout the season you run into slumps.



Steven Brunell '96 throws a curve to the Tufts batter during Friday's game. MIT lost the matchup 7-6.

UPCOMING HOME EVENTS

Tuesday, April 12

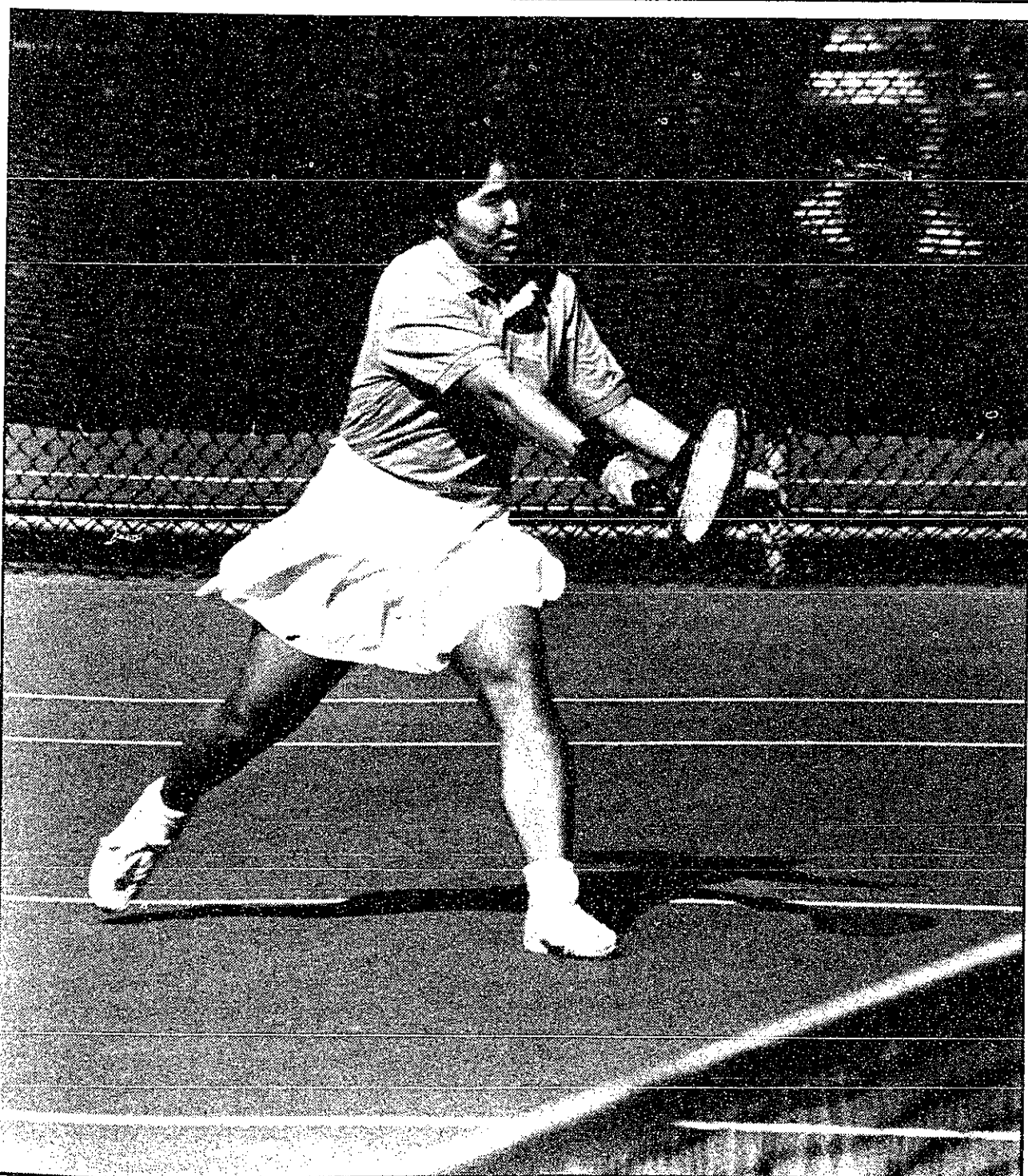
Golf vs. Worcester State College and Brandies University, 1:15 p.m.
Men's Lacrosse vs. Nichols College, 3:30 p.m.
Women's Lacrosse vs. Colby Sawyer College, 7 p.m.

Wednesday, April 13

Baseball vs. Boston University, 3:30 p.m.
Softball vs. Anna Maria College, 3:30 p.m.

Thursday, April 14

Baseball vs. Wentworth Institute of Technology, 3:30 p.m.
Men's Lacrosse vs. Western New England College, 4 p.m.
Softball vs. Suffolk University, 4 p.m.



JASON FLEISCHER

Hanna Ohkawa '95 attacks the net in her match against Amerherst friday afternoon. MIT lost the competition 7-2.

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SPORTS

Baseball Drops Doubleheader to Coast Guard

By Thomas Kettler
STAFF REPORTER

The men's baseball team lost a doubleheader Saturday to the Coast Guard Academy Bears by scores of 3-1 and 3-0 at Briggs Field. The losses have left the team 6-9 overall and 1-4 in the Constitution Athletic Conference (1-4).

In the first game, the Coast Guard scored all their runs in the first inning. Aaron Waters led the game with a double. Jim Zawrotny then followed with an infield single but Waters could not advance. After the next batter flied out, Bob Bickerstaff forced Zawrotny at second. Then Eric Belleque hit a home run to left that just stayed fair while clearing the fence.

The Bears could have scored another run in the third if not for an excellent defensive play. Zawrotny led off with a single. He advanced to third on a throwing error by pitcher Brooks Mendell G. Dave King of the Academy hit a fly to deep right. Right fielder Rob Lepard '95 caught the ball and then threw a perfect strike to nail Zawrotny at home plate. After a double by Bickerstaff, Belleque flied out to end the inning.

At the same time, Scott Weaver of the Coast Guard befuddled the MIT batters. They could not get a baserunner until the third when Brien Pendleton '94 reached on an error by the second basemen with one out. Pendleton stole second but was stranded.

In the fourth inning, Mendell got the Engineers first hit. He got a single with two out but was forced by



MIT catcher John Mueller '94 blocks an attempt at home plate during the third inning of the top game of MIT's double header against Coast Guard Academy Saturday. MIT lost both games, 3-0, 3-1.

John Mueller '94 to end the inning.

In the fifth, the Bears threatened again. With one out, Waters singled. Another throwing error by Mendell enabled Waters to take second. He went to third on Zawrotny's single. To attempt to get another run, Zawrotny stole second but MIT's

catcher Mueller threw to third to try to pick off Waters. With the infield in, Mendell induced an infield fly from King. Bickerstaff then flied out to center to snuff the threat.

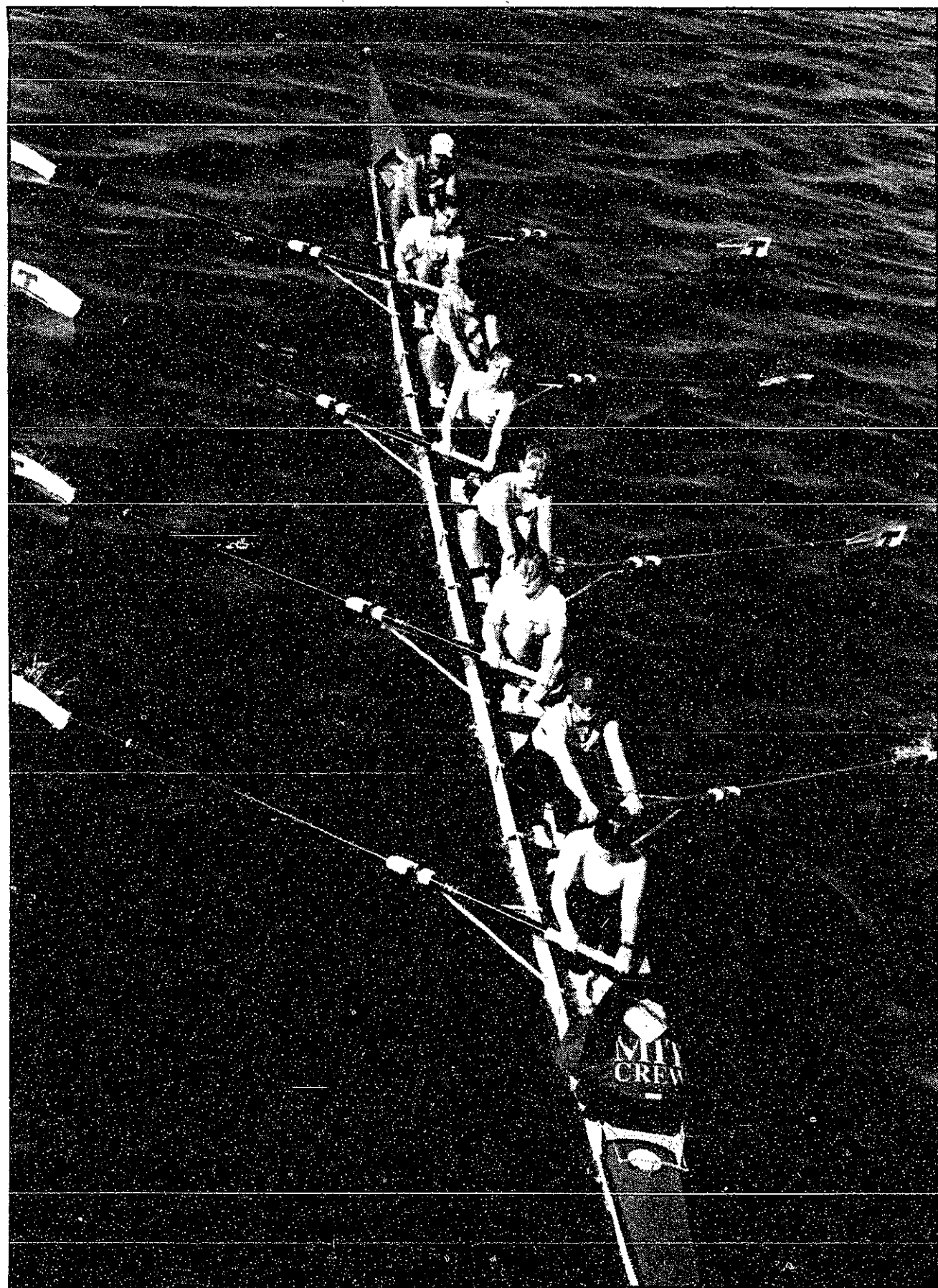
Finally, MIT scored in the sixth. With one out, Jeff Olson '94 singled. Jon Gass '94 then singled

Olson to second. Brian Christensen '94 forced Gass but gave the Engineers runners at the corners with two out. Mendell singled in Olson but Mueller flied out to the third basemen to end the inning.

In the seventh inning, MIT had their final chance. With one out,

Dan Sabanosh '94 and Pendleton induced consecutive walks. Javier Quintero '97 was brought in to pinch hit. However, the Coast Guard countered by removing Weaver and bringing in Tom

Baseball, Page 23



Seen here passing the halfway mark of a 2,000-meter race, the MIT varsity women's crew beat Boston College, Amherst, and Tufts in this weekend's race.

JONATHAN LI—THE TECH

Men's Tennis Takes On Top Teams, Loses

By Daniel Wang
TEAM MEMBER

SWARTHMORE, PA.

Last Friday morning, the men's tennis team flew to the Philadelphia area to play against two of the nation's top NCAA Division III teams. The players arrived with high hopes of pulling off an upset, but came up short, losing 5-4 to Swarthmore College and 9-0 to Trinity University (Texas).

The trip resulted in the team's first two losses to Division III teams this season, bringing its record to 3-6 for the season.

On Friday, the team took on Swarthmore, ranked 13th in the nation. After singles play, Swarthmore held a 4-2 lead. Jay Muelhoefer '94 continued his perfect spring campaign record at first singles, with a 6-2, 6-0 win over Barry Mook. However, the Garnet quickly put three points on the board, its players defeated Mauricio Lomelin '94 at second singles, Nick Tsai '94 at fourth singles, and Jason Weintraub '97 at fifth singles, all in straight sets.

Tsai sprained his left ankle during his match, which required an injury time-out, and ultimately affected his performance. The fifth singles matchup featured an interesting pairing, as Swarthmore player Chris Pearson outhit and outgunned Lomelin, 6-2, 6-1.

Two performances kept MIT in the hunt. Sixth singles player Dan Wang '97 came through with his first win of the spring, by outlasting Paul Purewal, 7-5, 6-3. In front of a large enthusiastic crowd, the third singles match of Mark Erickson '94 was the last one to finish. Erickson's serve-and-volley game helped him win big points, and even gave him some chances to take either of his sets. Unfortunately, his opponent proved to be slightly better, holding off Erickson, 7-5, 7-5.

MIT needed to sweep the dou-

bles to capture the team win, but their chances did not look too bright. There seemed to be a chance when first doubles team of Muelhoefer and Tsai, and second doubles team of Erickson and Weintraub, both won their first sets rather easily.

The glimmer of hope was shattered when third doubles team of Lomelin and Wang, playing together for the first time, faltered against the team of Mook and Purewal. The duo failed to follow suit with their teammates, and were the first ones off the court, losing in straight sets, 6-1, 6-4.

MIT had struggled with both services and returns in the first set, which resulted in an easy first set for the Swarthmore team. Both Lomelin and Wang improved in the second set, but still fell behind, 5-2. The pair fought back to 5-4, but could not follow through on completing the difficult task of breaking Mook's serve.

The loss, which clinched the team victory for Swarthmore, seemed to subdue the excitement of the other doubles matches. The MIT players remaining were relegated to playing for themselves, and keeping the score close.

Muelhoefer and Tsai had some close moments in their match, but managed to win in straight sets, 6-3, 6-4. Despite his injury, and even injuring his other ankle to a lesser degree, Tsai managed to contribute. Erickson and Weintraub also had a chance to win in two sets, but their fired-up opponents went on a roll to capture the second set tiebreaker.

The MIT team rebounded and dominated the net to finish off the match. The 6-2, 6-7 (7-4), 6-3 match concluded with Erickson hitting an unreturnable overhead smash.

The next day, still sore from the

Tennis, Page 21