

Tech photo by Grant W. Johnson

Assistant Professor David L. Akin '74 plans an experiment for the space shuttle. See story on page 2.

Corporate aid won't match rise in tuition

By Thomas Huang

The amount of scholarship money corporations give MIT will lag behind next year's tuition increase, according to Leonard V. Gallagher '54, director of student financial aid.

"Corporation gifts will not increase nearly as fast as tuition," he said. Eastman Kodak gifts "are tied to the cost of tuition — their scholarships stay at about three-fourths of that cost. But most company scholarships are not tied."

MIT will have to spend \$4 million to \$5 million of its operating funds for financial aid this year, Gallagher said.

Corporations gave MIT approximately \$500,000 for scholarships last year, according to Gallagher. Bendix gave MIT \$25,000 this year. "That figure is considered large."

Each corporation involved gives MIT an average of \$5000 annually, Gallagher explained. Corporations include Proctor and Gamble, General Motors, Bendix, and Kodak.

Companies often restrict the use of their scholarships, according to Gallagher. "They sometimes specify that the money should go to students in a certain

course discipline," he said. "Others specify students from certain geographical areas."

"The corporations have various motives for giving money to MIT," he said. "There might be an influential person in the company who has ties to MIT. The company might see MIT as a future source of personnel."

"The corporation gifts are the smallest part of our total financial aid package," he continued. "The largest source of aid is endowed scholarship funds."

MIT alumni and other individuals contribute to scholarship endowment funds, Gallagher said. Individuals gave MIT \$30 million for scholarships last year.

"The third source is made up of awards that students receive directly from outside agencies, like the National Merit Scholarship," Gallagher said. These awards add up to \$1 million a year, he noted.

Students in the armed forces' reserve officers training corps programs receive \$800,000 a year, Gallagher estimated.

Scholarships total \$8 million, including \$900,000 in Pell grants and \$1 million in Supplementary Educational Opportunity Grants, Gallagher said.

Recount changes '86 race

By Burt S. Kaliski

Mary Kate Bayalis '86 defeated Alka Jain '86 by seven votes in a recount of Class of 1986 ballots last weekend to become secretary-elect of her class, according to David M. Libby '85, Undergraduate Association election commissioner.

"The person counting ballots [last week] did not count as carefully as we had hoped," Libby said.

Bayalis won by a vote of 226 to 219. The initial count showed Jain winning by a vote of 249 to 221.

"It was just a mistake," Jain said. "It was too bad it happened. I guess my race was close and any discrepancy affected it."

There was a 20 vote discrepancy in the Class of 1986 ballots, Libby said Thursday. He said at

that time a recount would not affect any of the races. "I really didn't think" there would be a change, he said Sunday. "I thought it was a random error."

"I had assumed the first counting was correct," Bayalis commented. "I didn't think 20 votes made a difference — I had been told I lost by 25 votes."

"Sloppy counting" gave Jain thirty additional votes last week, Libby said. "I really don't know where the votes came from." Libby did not think fraud was involved, he added.

The final ballot count showed freshmen cast 495 votes. Vivienne Lee defeated Samuel M. Gruer by a vote of 322 to 146 to win the presidency. Suzanne C. Dunbar beat Sharon A. Israel by 44 votes for vice president.

Eric L. Clayberg, unopposed, gathered 368 of the votes for

treasurer. The team of Gabrielle Hecht and Lauren E. Singer beat Jennifer L. Snopkowski by 254 votes to 200 for social chairmen, and Toi A. Beveridge, also running unopposed, became the publicity/newsletter coordinator with 349 votes.

Army recruits at MIT despite gay bias

By Diana ben-Aaron

Although about half a dozen law schools, including those at Harvard, Yale and Boston College, banned US armed forces recruiters because the Army discriminates against homosexuals, the policy "hasn't triggered any problem" at MIT, according to director of career planning and placement Robert K. Weatherall.

More than 100 students at Bates College in Lewiston, Maine, held a sit-in earlier this month at the school's Alumni House to protest discrimination against gays by military recruiters. Philip Crawford, president of the Bates Gay-Straight Alliance which organized the sit-in, told *The Boston Globe* the group will continue to campaign until "no gay on campus is discriminated against."

The Army invoked the Defense Authorization Act of 1973 at Yale Law School in May 1982. The act prohibits colleges from using Department of Defense funds if the institution bans military recruiters.

MIT requires each organization wishing to recruit at the Institute to submit an information form attesting that it "considers candidates for all opportunities without regard to race, creed, color, national origin, sex, age, handicap, or sexual orientation."

Military recruiters are required to sign the form, Weatherall said, and they have never deliberately failed to comply with the rule. "I don't think we should make it a problem," he commented.

The Defense Department opposes recruiting homosexuals for combat positions, but "military recruiters are mostly here [to re-

cruit] for non-military jobs," according to Weatherall. The MIT administration should address the problem more directly, he said.

"If MIT has a policy on this issue, I am not aware of it," said Special Assistant to the Provost Louis Menand III.

Gays at MIT stated this week, "We sympathize with the students at Bates College who feel that recruiters who discriminate against lesbians and gay men should not be permitted to use campus facilities."

"We think that MIT should have the same policy for discriminatory recruiters that it would have for organizations or agencies which discriminate against blacks, women, or any other group that the present MIT non-discrimination policy covers."

Gays at MIT is considering further action to guarantee recruiters at the Institute will not discriminate on the basis of sexual orientation, according to Anthony Della Fera '84, the group's president.

The American Council on Education last September interpreted a proposed revision of the Defense Authorization Act as exempting institutions that bar all recruiters — not just military — whose actions are inconsistent with the institution's policies.

MIT to pay woman \$500,000

By Jake Tinio

Norina Moskowitz, a former graduate student at Columbia University, will receive \$500,000 from MIT's insurance carrier for damages resulting from an assault by her ex-boyfriend, Shek Kwan Tsang SM '78, according to Kimball Valentine Jr., MIT insurance and legal administration officer.

The Institute made the settlement with no admission of the negligence charged by Moskowitz, according to Robert M. Byers, director of the MIT News Office. "MIT denies the charges utterly," he declared.

Tsang had admitted himself to the MIT infirmary for psychiatric evaluation before the assault and was released a few days later, Valentine said. Tsang then went to New York City and on April 2, 1978, confronted Moskowitz in her dormitory room and threw acid in her face.

Moskowitz charged three defendants with negligence and accused MIT of releasing Tsang prematurely, failing to give warning of his release, and providing unreasonably easy access to dangerous chemicals, according to Valentine.

Moskowitz was severely disfigured and nearly blinded by the acid, Byers said. She now wears a mask to hide facial scars, he added.

Moskowitz filed suit in 1980 against the Association of Inter-

national Students of the City of New York, the corporation which owned her dormitory. She also filed suits against MIT and Burns International Security Systems — the company in charge of her dormitory's security — Valentine said.

The civil trial began in King's County Supreme Court in Brooklyn Oct. 1, 1982, ending in early

December. The jury awarded Moskowitz \$7 million in damages, Byers said, of which MIT would pay \$3 million. Burns Security and the Association of International Students would each pay \$2 million.

MIT reached an out-of-court settlement of \$500,000 during the trial, and thus the jury's decision (Please turn to page 3)

MIT renews membership at Museum of Science

By Wei-Chung Hu

MIT has renewed its sponsorship of a free admission program for its students at the Boston Museum of Science, according to John G. Strang '83, coordinator of the project for the MIT chapter of Tau Beta Pi national engineering honor society.

"Last year was the first year that Tau Beta Pi sponsored this project, and it cost about \$7500," he said. "This year, however, we managed to renegotiate it to \$5000."

President Paul E. Gray '54 donated \$2500 this year from his discretionary fund. Dean of Science John M. Deutch '61 and Dean of Engineering Gerald L. Wilson '61 each contributed \$1000 to the project, and Dean for Student Affairs Shirley M. McBay met the remainder of the

cost. The program grants free admission to the Museum of Science for all people with either MIT or Lowell Institute identification. Michael A. Isnardi G, former president of the group, and lecturer John A. Tucker, the group's advisor, started the project last year.

About 350 students visited the museum each month last year.

"We hope to increase attendance and interest through more publicity this year. Furthermore, we hope to secure a constant source of funding for future years," added Neil C. Singer '83, president of the group.

Tau Beta Pi has also sponsored a lecture by space shuttle astronaut William B. Lenoir '61 and a "Musical Sidewalk" display at the Museum of Science.

INSIDE

An MIT laboratory prepares an experiment for NASA. Page 2.

Catch up on the latest installment of Tech Comics! Page 15.

Mission terminated. Page 9.

Women Fencers top in Northeast. Page 16.

MIT lab produces shuttle experiment

By David W. Bower

The MIT Space Systems Laboratory is preparing an experiment on human productivity in space for the National Aeronautics and Space Administration (NASA), according to Assistant Professor David L. Akin '74.

The MIT project, dubbed EASE — experimental assembly of structures in EVA (extravehicular activity) — is scheduled for the 14th shuttle flight in June 1984.

Two shuttle crewmen, while in orbit around the earth, will construct a simple triangular pyramid of twelve-foot beams and special joints, then disassemble it. The crewmen will repeat the process as many times as possible during EVA, and will be videotaped at each step.

All previous tests of how humans can work while weightless have been conducted in underwater simulation, known as neutral buoyancy, Akin said. EASE is identical to an experiment previously run in a neutral buoyancy tank at NASA's Marshall Space Flight Center in Huntsville, Alabama.

NASA will assess the usefulness of underwater simulation by comparing results of the two tests. If the new experiment succeeds, "researchers will finally have direct data on human pro-

ductivity in space," Akin noted. Akin was one of three students in the Space Systems Laboratory when it was founded in 1975. The students studied feasibility of industrialization in space, leading them to consider how well humans could work in space by using underwater simulation.

Akin and his team first used scuba gear in MIT's Alumni Pool, and eventually used Skylab pressure suits in the Marshall neutral buoyancy tank. They assembled structures underwater, he said, to test their efficiency while weightless.

Underwater assembly is faster than land assembly, Akin continued, but the bulky pressure suits at Marshall slightly increased assembly times.

MIT is participating in NASA's structural assembly demonstration experiment (SADE), scheduled for the shuttle in June 1985. NASA plans to have shuttle crewmen build a 120-foot by five-foot-square structure outside the shuttle's payload doors.

The experiment is designed to test several assembly techniques and the effect of structural dynamics on the orbiter's flight control system. NASA and the Space Systems Laboratory plan to use information gathered by EASE to improve the later SADE project.

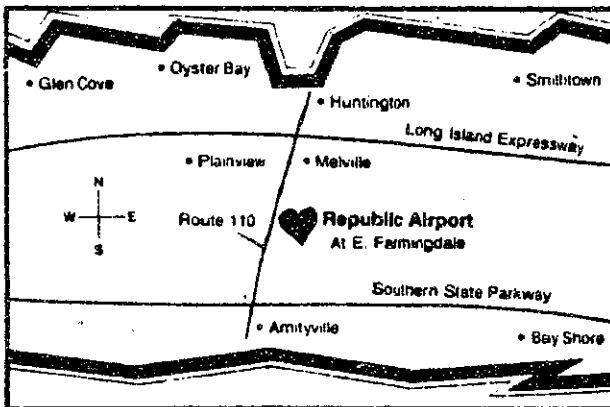
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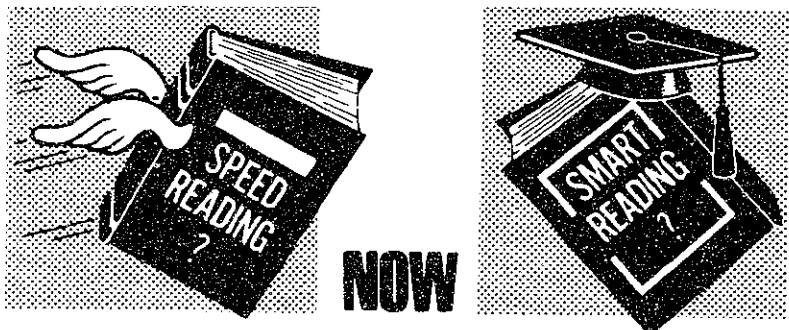
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news roundup

World

OPEC reduces oil prices by 15 percent — The 13 member countries of the Organization of Petroleum Exporting Countries approved yesterday an agreement which clears the way for OPEC's first price reduction, lowering the price of Saudi Arabia's light crude oil from \$34 per barrel to \$29 per barrel. Total OPEC production, under the new agreement, will be held to 17.5 million barrels per day. All OPEC member countries received strict production ceilings except for Saudi Arabia whose production will be chosen to maintain price stability in the petroleum market.

Ex-Nazi stormtrooper resigns — Werner Vogel, the oldest member of the anti-NATO Greens party, said Sunday he would resign the seat in the West German national parliament he won last week. Vogel received pressure to resign after he confirmed reports that he had been a Nazi stormtrooper, a member of the Nazi Party, and an official in the Nazi Interior Ministry. Vogel, also the oldest member of the Bundestag, was to preside as temporary speaker over the Bundestag until a new speaker is appointed.

Israel reiterates its desire to keep troops in Lebanon — Israeli Foreign Minister Yitzhak Shamir told Secretary of State George P. Shultz Sunday that Israel continues to believe it is necessary for a security force to remain in southern Lebanon for keeping Palestinian forces away from Israel's northern border. Yitzhak also told Shultz the withdrawal of Israeli troops from southern Lebanon should be completed in separate phases rather than all at one time.

Poles protest in Gdansk — More than two thousand Poles participated in an illegal rally in favor of the independent trade union Solidarity near the gates of the Lenin Shipyard in Gdansk Sunday. The protest was quickly broken up by riot police. Smaller protests were also held in Warsaw and Wroclaw.

Nation

Violence flares up in Miami — A crowd of about 1200 blacks threw rocks and bottles at policemen and business establishments in Miami last weekend. The violence began after the police attempted to make blacks, dancing in a park, turn down their radios, according to authorities. Police urged motorists to stay out of the Liberty City area of Miami, where race riots left 18 people dead three years ago.

Poll indicates fewer Americans trust Reagan — The results of a poll conducted by *Time* magazine indicate President Ronald W. Reagan is viewed as trustworthy by fewer people than earlier in his administration. Forty-six percent of those polled considered Reagan to be "a leader you can trust," while fifty-seven percent gave Reagan a trustworthy rating right after he took office in May 1981.

Local

Bulger roasts presidential candidates — William M. Bulger, president of the Massachusetts Senate, held a luncheon Sunday, a tradition for the day of the St. Patrick's Day parade. Three presidential candidates — former Florida Governor Reubin Askew, Senator Alan Cranston, and Senator Ernest F. Hollings — and Senator Paul E. Tsongas, Governor Michael S. Dukakis, former Governor Edward J. King, and Boston Mayor Kevin H. White attended the event.

Patrolmen's association goes to court — The Boston Police Patrolmen's Association opposed the appointment of 26 acting sergeants Saturday by Boston Police Commissioner Joseph Jordan. The patrolmen's union released a statement saying the appointments were an attempt to destroy "any motivation an officer has to seek promotion through study and examination." The patrolmen's association said that it will go to court to block the appointments.

Four men charged in rape case — Four men were arrested and charged in connection with a gang rape that allegedly took place before a crowd of patrons March 6 in a New Bedford bar. The four men were released the following Monday after posting bail, but were unable to meet an increased bail set at a second bail hearing. The bar at which the rape allegedly took place has been dismantled, and its owner has surrendered its liquor license.

Sports

Harvard takes hockey title — Harvard University's hockey team won the ECAC championship with a 4-1 victory over Providence College Saturday. Harvard has won the championship twice previously, the last time twelve years ago. In a related story, the Cranbrook School Cranes defeated Flint Powers 9-0 to take the Michigan Class B hockey championship Saturday night. The Cranes last took the state crown in 1979.

St. John's wins Big East — St. John's University beat Boston College 85-77 to win the Big East basketball championship Saturday. A crowd of 19,591 watched the battle between eighth-ranked St. John's and fourteenth-ranked Boston College at Madison Square Garden.

Weather

Outlook is fair — The weather is expected to be fair for the rest of this week. High temperatures will range from 30 to the lower 40 degrees. Low temperatures will be in the middle 20's.

James F. List

MIT settles; acid victim gets 500K

(Continued from page 1)

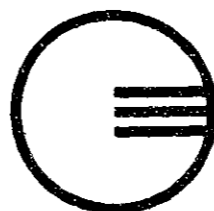
is completely non-binding, Valentine said. The Association of International Students also settled out of court for \$500,000 but Burns Security chose to continue the trial, he added.

"Burns proceeded with the trial and the jury did in fact return a verdict of damages in the amount of \$2 million," Byers said.

The MIT Medical Department reviews its procedures "like any good hospital," Byers remarked, and it has made no unusual changes in its policies since the Moskowitz trial.

"We will look at [our policies] with special attention," said Melvin H. Rodman, medical director. "A change in the way things are done is called for if the evidence indicates that the policy was faulty."

Tsang is currently serving five to fifteen years at the Clinton Correctional Facility at Dannamora, New York, Byers said.



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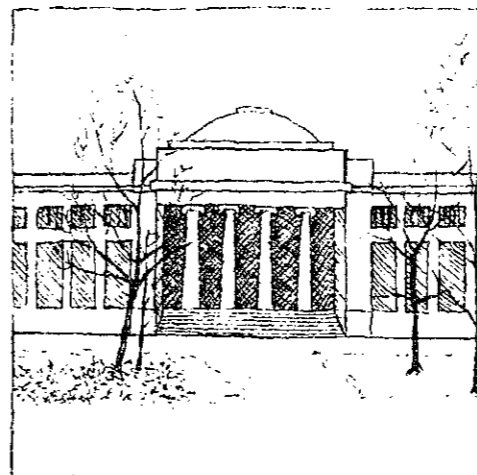
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Opinion

Editorials

Plan for change

For once the entire campus agrees on something. Undergraduate student government is badly in need of change. The unresolved question remaining, of course, is the form that change is to take.

Five of six teams running for Undergraduate Association president and vice-president placed change at the center of their platforms. Their proposals, however, ranged from the inadequate to the negligible.

Undergraduate Association president-elect Mike Witt and vice president-elect Inge Gedo's latest proposals for change in the structure of student government are neither inadequate nor negligible; they are downright dangerous.

Witt and Gedo's suggested restructuring of the Undergraduate Association would place the purse strings of student activities in the hands of the treasurers of a few large organizations: the Black Students' Union, the Student Committee on Educational Policy, the Lecture Series Committee, *The Tech*, and the Association of Student Activities. This plan — or any bearing even the faintest resemblance to it — is woefully ill-conceived. Short of vesting allocation authority in the Dean for Student Affairs, no plan moves farther from the ideal of representative government.

The Finance Board should simply be abolished. The directly elected representatives of MIT's undergraduates are the only legitimate arbiters of the proper distribution of the collective resources of those undergraduates.

What, then, of those representatives? Witt and Gedo propose a "smaller" legislative body "composed of representatives from living groups, class councils, general committees, . . . and other large student activity groups." The Institute Committee failed because it represented only the special interests of student leaders; their proposed return to narrow representation would merely rekindle the feeling of disenfranchisement among the broader undergraduate population.

It is not surprising, then, that Witt and Gedo state they will call upon the current General Assembly, an unrepresentative body, to approve their unrepresentative plan. Essential to the success of any new student government is the consent of the governed: Any proposed constitution — or constitutions, for competitive ideas must be entertained — must be ratified only by a vote of the full membership of the Undergraduate Association.

Witt and Gedo's proposal is surely offered not of malice, but of naïveté. Their naïveté, however, could prove lethal to representative student government at MIT.

Potential for abuse

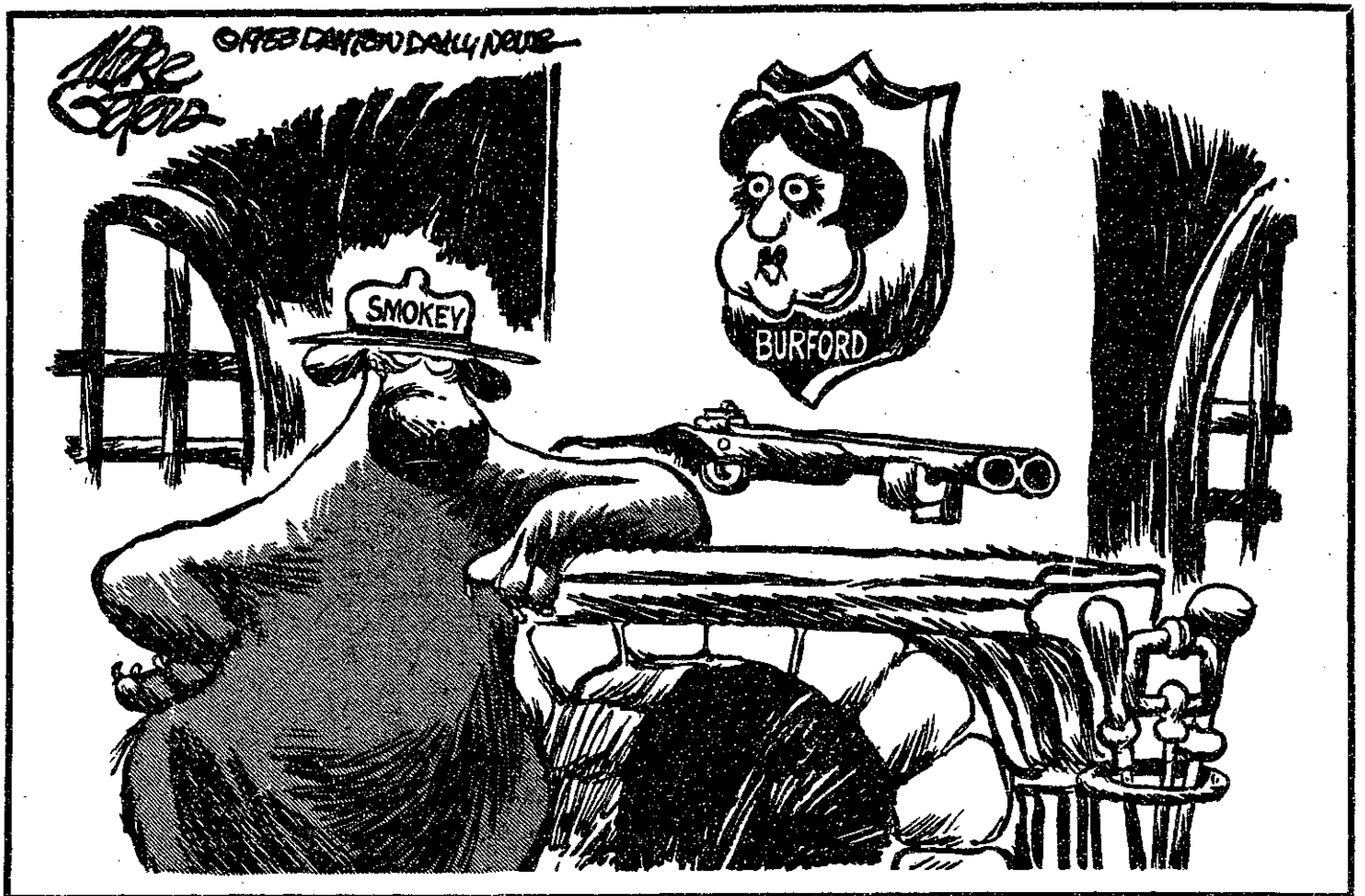
The full faculty will tomorrow consider changes proposed in the humanities, arts, and social sciences requirement by Professor Sylvain Bromberger's task force. Parts of the alterations are merely bureaucratic or cosmetic. The part that is not, however, presents a potential for great abuse and will have to be closely monitored to ensure the desired effect — implementation of coherent requirements — is achieved.

The major change, and the possible difficulty, would be the abolition of the Committee on the Humanities, Arts, and Social Sciences Requirement, currently responsible for designating humanities distribution subjects. In its stead, individual departments and fields would construct their own specific criteria under new general guidelines.

The danger is similar to that of making a small child responsible for the contents of a candy store. The humanities distribution designation is attractive to professors and departments because they believe it attracts students to their subjects who might not take them were the subjects not to fill a requirement. There would be a temptation for the departments to help themselves to a distribution designation or two in marginal cases, if not to wholesale inclusion.

These "problematic cases" would ostensibly be handled by the Dean of the School of Humanities and Social Science. The danger here is one of turning the dean into an ersatz Committee on the Humanities, Arts, and Social Sciences Requirement.

The goals of the proposal are worthy. Each department should have more say in what criteria apply to its humanities distribution subjects. The Committee on the Humanities, Arts, and Social Sciences Requirement has not been an efficient body, due in large part to its frequent turnover in membership. The solution is to implement the proposed plan while retaining a revised committee with a more permanent membership to oversee the departments' decisions, to mediate the "problematic cases," and to watch carefully the child in the candy store.



→ feedback

UAP-elect presents plan

To the Editor:

During our campaign, Inge and I promised to use the time between elections and our installation as officers to begin the reorganization of the Undergraduate Association. As you know, we will not take office until the March 31 meeting of the General Assembly (GA). With spring break coming up, we are afraid that students may tend to stop thinking about student government, our campaign promises and the need for serious UA reform. We know that, to be effective, we must act now before what interest that now exists dies out. We plan, therefore, to use the next two weeks to prepare our solutions to the existing problems. We plan to present our plan in the form of a new Undergraduate Association constitution, which will include a restructuring of the central governing body (presently the GA), redefinition of our purposes and goals, and a redefinition of the committee system.

For over 75 years, until 1969, MIT student government operated well under a body known as the Institute Committee (INSCOMM), which was composed of representatives from the various student organizations. Since

1969, when the present form of government (the GA) was put into effect, there have been long periods of time, up to five years, when the GA has been ineffective and has neglected to even call meetings. The present state of the GA is such that we are unwilling and unable to work with it.

The form of student government that Inge and I will put up for consideration will be a compromise between the present state and INSCOMM. It will be a smaller group, composed of representatives from living groups, class councils, general committees (Association of Student Activities, Student Committee on Educational Policy, Finance Board, etc.) and other large student activity groups.

For student government to have the power to do anything of value, all student organizations falling under the broad definition of "student government" must be centralized. Under the present system, the total lack of communication or cooperation between the GA, its committees, and the students renders it powerless. By bringing these organizations together, we hope to get them working together, rather than against one another, and to make them, as they should be, ulti-

mately accountable to the student body for their actions.

We plan to publish the proposed constitution either in *The Tech* or in a newsletter for the review of the students. It will be fully documented, so that everyone understands the reasoning behind our proposals. We will hold a student forum soon after spring break to hear student input on the proposals. If all goes as planned, the GA will vote on the new constitution on March 31 and again at a required second meeting which we will call for the following Monday.

You have asked for change. We have promised it. We ask for your support, for without it, the best plans will never be effective. Please, if you have any suggestions, please call or leave a message in the UA office, or read the proposal and attend the forum. We don't intend to "railroad" anything through, but we feel that the need for change is urgent. Let's have input now, and not have to do this more than once.

Mike Witt '84
Undergraduate Association
president-elect
Inge Gedo '85
Undergraduate Association
vice president-elect

Never forget Shcharansky

To the Editor:

Six years ago today Anatoly Shcharansky was arrested by the KGB for his desire to leave the Soviet Union. The official reason given for his arrest was "treason," but as is often the case in the Soviet Union, had committed no crime.

Prior to his arrest, Shcharansky had become rather well known as a spokesman for the Jewish emigration movement. Many Soviet Jews wish to leave the USSR because of religious persecution and the Soviet government's official policy of anti-Semitism. Mostly due to pressure from the United States, many Soviet Jews have been allowed to leave the USSR over the past few years. Unfortunately, emigration from the Soviet Union has almost stopped in recent months, forcing hundreds of thousands of Jews to remain trapped in a hostile environment.

The treatment that Shcharansky has received from the Soviet government is symbolic of that government's treatment of its entire Jewish population. On July 4, 1974, Shcharansky was married. The next day his wife was forced to leave the Soviet Union. They haven't seen each other since.

Following his application to leave the Soviet Union, Shcharansky, a computer scientist and mathematician, was blacklisted from professional work. He then became very outspoken about Soviet human rights violations.

On March 15, 1977, Shcharansky was arrested and imprisoned. In America the "right to a speedy trial" is taken for granted. Shcharansky was held incommunicado for sixteen months before his trial. Finally, in July 1978, he received his staged "trial" and was sentenced to thirteen years of prisons and labor camps.

Since 1978, the Soviet authori-

ties have been slowly, painfully torturing Anatoly Shcharansky to death. His health has deteriorated from that of a strong, healthy young man to that of a "virtual skeleton" according to his mother.

To draw attention to his cause, Shcharansky began a hunger strike in September 1982. It lasted until February 1983. Shcharansky is desperate and needs our help. As a fellow scientist, Shcharansky deserves the aid of the MIT community to obtain his release. Today in Lobby 10, MIT Hillel is sponsoring a booth in Shcharansky's behalf. I urge everyone to stop by the booth to sign a petition and send a postcard to pressure the Soviet government for his release. We cannot stand idly by in the face of this inhuman oppression. We must speak out and voice our concern for the plight of Anatoly Shcharansky.

David M. Marcovitz '86

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UA news

Rejoice! Rejoice!

The rain has stopped; the UA elec-
tions are over, and Spring Break is
so close you can taste it.

What better time to see the Musi-
cal Theatre Guild's production of
Whither Thou Ghost, an original
musical comedy written by stu-
dents.

Tickets are now on sale in Lobby
10 for performances on April 1st,
2nd, 8th, and 9th at 8pm and April
7th at 7pm. All performances will be
held in Kresge Auditorium and tick-
ets will cost \$5.00 (\$3.00 for MIT stu-
dents). You can purchase tickets at
the box office in Lobby 10 or at the
door or you can call 253-6294.

Rejoice Even More

The rain has stopped; Spring Break
is so close you can taste it, MTG is
selling tickets for **Whither Thou
Ghost**, and like we already said UA
elections are over.

For that last bit of good news
we'd like to thank all of the people
who helped with this year's elec-
tion. Thank you to the members of
the Election Commission, and thank
you to the people who worked at
the voting booths. To those candi-
dates who won, our congratula-
tions. To those who lost our condo-
lences. (or should that be the other
way around?)

Stop Rejoicing

The newly formed **MIT Hunger Ac-
tion Group** needs your help. The
group is planning a number of
events and projects for this semes-
ter. If you're interested in solutions
to the problems of local and world-
wide hunger please come to the
next general meeting of the group
on Thursday, March 17th at 7pm in
Private Dining Room #2 on the third
floor of the Student Center.

Cheer Up Just a Bit

Have you always wanted to be part
of one of those mysterious power-
ful organizations that control in-
credibly large sums of money? Now
you've got a chance to be on the
next best thing. That's right, the **UA
Finance Board** will be holding
Membership Hearings the week
after spring break. You can get an
application in room 401 of the stu-
dent center. If you'd like more in-
formation call Charlie Brown at 5-
9449 or Ray Samuel at 5-9646. The
date for the hearings will be avail-
able after tonight's FinBoard meet-
ing.

Start Rejoicing Again, But...

Don't forget the **GA meeting** this
Thursday night. For exact time and
location call the UA at x3-2696 or
Ira Summer at 5-7471. Be sure you
don't miss this once in a lifetime
chance to learn the secret of the
Universe.

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Opinion



AND NOW FOR TODAY'S USFL HALF-TIME SHOW... BOWIE KUHN WILL THROW OUT THE FIRST BASEBALL OF THE SEASON...

feedback

Dispute analysis of class elections

To the Editor:
In my three years at MIT, interest in class government has increased substantially, due largely to the addition of the Class Council. I was therefore surprised by Burt S. Kaliski's "News Analysis" on the front page of Friday's [March 11] *Tech*, which seemed to imply the opposite. An analysis should explain the causes and effects of an event; Kaliski's article does neither. It uses negative language and one-sided ex-

amples, often incorrectly stated, to let the reader draw his own negative implications about class government. As president of the class which Kaliski attacks most vehemently, I feel compelled to state my objections:

- Kaliski's reasons — low voter turnout, low numbers of candidates running, and lack of attendance at election forums — are all suspect.

(Please turn to page 11)

feedback

Support nuclear freeze

Editor's note: This is a copy of an open letter sent to the US Congress.

To the Editor:

As members of the staff, faculty, and student body of the Massachusetts Institute of Technology, we share the concern of most Americans over the accelerating nuclear arms race between the two superpowers, and over the increasing danger of nuclear

weapons in the hands of other governments.

We therefore urge all members to Congress to move toward reducing the risk of nuclear war in any part of the world, and toward the eventual abolition of nuclear weapons, by accepting and implementing the following proposals.

1. The United States should vigorously negotiate, with the Sovi-

et Union and other nations, and subject to appropriate verification: First, a mutual moratorium on the testing, production, and deployment of nuclear weapons and of missiles and new aircraft designed primarily to deliver nuclear weapons; and following that, a substantial reduction of existing weapons systems.

(Please turn to page 11)

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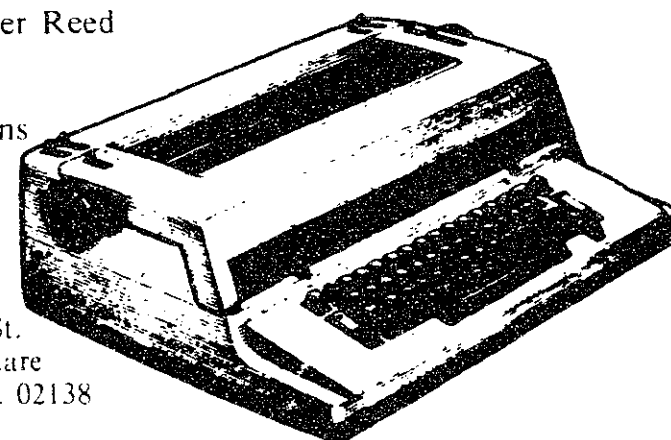
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last fall may be picked up at this time.

Off the Beaten Groove

ARTS

The United States of Anderson



Laurie Anderson at the Berklee Performance Center, Saturday, March 12.

Laurie Anderson is a performance artist. Exactly what a "performance artist" is, is something even Anderson cannot explain, commenting in a recent *Boston Globe* interview: "Performance art? . . . It's just totally vague. Even in the art world, nobody knows what it is. Theater, music, something. . . It's just some kind of hybrid. Totally loose." Anderson's performance art is a combination of music, recitations, and visuals that provide a backdrop for her commentary on life in these United States.

In February Anderson premiered the culmination of her work so far, an epic

six-hour presentation titled *United States, Parts I-IV*. In her recent Boston benefit performances for the Center Screen film organization, Anderson presented a solo performance consisting of extracts from parts III and IV of the larger work.

Just what Anderson *did* is easily explained: She delivered a series of short, often humorous commentaries accompanied by slides and movies, projected on a screen behind her, and by music, both on tape and performed live. Just what Anderson *meant* is harder to explain because it incorporates a paradox: Anderson's commentary requires prior knowledge of modern living in order to make its humor work.

At no point in the performance does Anderson actually make a statement. She implies much, playing on inconsistencies in language and meaning, taking for granted the audience will make the connections necessary to transform a set of observations into cogent social commentary. We laugh at her description of a doctor who refuses to perform a necessary operation because the patient has no money only because we have previously been exposed to the money-hungry doctor stereotype.

Anderson's formula became clear during the performance: Combine a few random observations with reminders of extraneous technology and unrelated cultural artifacts, and call the juxtaposition humor. As *Village Voice* critic Gregory Sandow noted, the result is not unlike reading "Zippy the Pinhead." Compare Anderson's "I dreamed I had to take a test in a Dairy Queen on another planet" with Zippy's "Yow! Am I in Akron, Ohio yet?" and you'll find little difference other than Anderson's more serious aspirations.

Most ironic about the show was Anderson's reliance on the very technology her epiphanies decry. She floated about the stage, manipulating tapes, playing keyboards, and employing exotic vocal treatments (not to mention the complex projection apparatus) with perfect ease, while telling stories about robot welders run amok or singing a tongue-in-cheek paean to the glories of "Big Science" ("Big Science. Hallelujah. Yodelaydeehoo.")

What I found more interesting than Anderson's heavy-handed messages were her subtle juxtapositions and elements of surprise. In "New York Social Life" she tells her story (about artists who only make dates to have lunch) into a telephone while playing an Indian tamboura. Anderson wasn't utilizing the instrument for the droning tone it produces, she was coaxing a grating twang out of it, a sound she could have produced from almost any instrument. I think she was more concerned with the association of tamboura with telephone, ancient with modern. Anderson's use of the violin seemed to reinforce this notion; modifying a classic instrument to produce new sounds. She alternately bowed and strummed the instrument, often employing treatments that produced un-violinlike sounds.

Anderson's use of electronic processing produced most of the evening's surprises, particularly her use of vocoders and digital delays. The vocoder is a device that fits musical material into the waveform produced by a voice; when Anderson sang

through the device she sounded like a chorus of metallic voices. The digital delay transposed her voice down an octave, making her sound like a man, an effect used humorously in the mock lecture "Mach 20." Another surprise came in "I Dreamed I Had to Take a Test." Anderson played what seemed to be a regular violin, only to reveal that it was a "tape bow violin" in which the horsehair of the bow was replaced by magnetic tape and the strings were replaced by a recording head. The instrument, when played, produced human vocal sounds at varying speeds, both forward and backward.

Despite the conceptual drawbacks, Anderson's performance was refreshingly entertaining for something normally regarded as serious art. Anderson did have problems maintaining the humor, parts of the second half did seem forced, but she succeeded admirably in demystifying performance art. During "Yankee See" she concisely stated the crux of the whole matter:



*I was in L.A. to discuss business
With my record company
And I told them I considered myself
To be part of the great American
Tradition of humor,
Like Bugs Bunny or Daffy Duck
And they said "Well,
We had something more adult in mind."
And I said "I see.
Well, I can always adapt."*

Perhaps, when Anderson finally has something concrete to say, she can join the great American tradition of humor, but until then she will still have to adapt, something she has done so far with great success.

David Shaw

Ragged Honor Medal

Medal of Honor Rag, written by Tom Cole, directed by Peter Thompson; starring Ralph Pochoda and Reggie Montgomery. Now showing at the Next Move Theatre.

The Next Move Theatre's revival of *Medal of Honor Rag* is bound to receive good treatment from the Boston area critics, and I'll tell you why: Peter Thompson's direction is well conceived and unobtrusive, the single unit set is appropriately chilling, and Reggie Montgomery's performance as Dale Jackson, a black Vietnam veteran troubled with "survivor guilt," is outstanding. But a great production won't obscure the fact that the script has problems.

The play, written by former MIT professor Tom Cole, is based on the story of Dwight Johnson, one of twenty-two blacks who received the Congressional Medal of Honor for service during the Vietnam war. What little action there is takes place in an office of the Valley Forge Army Hospital. Dale Jackson, the Vet, is brought in to face yet another in a long line of psychiatrists, one from the civilian sector. The drama documents a single session between doctor and patient. We learn of Jackson's problems, the terrible events he witnessed and participated in at "the 'Nam", and the confusion he feels about winning his country's highest military decoration by violating his own morals.

We also learn that *Medal of Honor Rag* is a one-character show that requires two

actors for expression. Ralph Pochoda as the Doctor (the author doesn't give him a stage name) admirably attempts to build a character from the scripted lines, but the script only gets in his way. Pochoda's best moments come at the play's opening, when he has plenty of stage business to perform and nothing to say. It is then that we see the character of a harried, coffee-drinking psychiatrist. One should not conclude Tom Cole can't write convincing characterization for the stage: Dale Jackson is one of the most fully realized stage characters I have ever seen. He is an intelligent, articulate man with complex psychological problems.

Reggie Montgomery takes command of the author's work so completely that we don't know where Cole's art ends and the actor's invention begins. Every gesture, every word that comes from his mouth, is true to the character. We feel Jackson's anguish; we see how the senselessness of the Vietnam war has devastated his life. Montgomery's performance alone is worth the price of the ticket.

But his brilliant performance points out the play's fundamental flaw: *Medal of Honor Rag* is all exposition and no action. The Doctor serves as a device for illuminating Jackson's past, and hence his own character is wooden. We don't find out about Jackson's fate from any direct action on the stage, only from the device of an epilogue at the play's conclusion. Yet in



spite of these drawbacks the play is profoundly disturbing.

Director Peter Thompson hasn't missed a technical detail in his staging. The set, with its institutional green walls, grey office furniture, and stenciled "No Smoking" sign, is immaculately ugly; the Doctor's stiff suit-coat contrasts effectively with Jackson's flowing hospital robe; the sickly neon lighting is perfect. Even the

tape recorded voice of President Johnson sounds authentic (maybe it is!) — it takes you back to the Vietnam era.

The show is brief (running time is just over an hour, no intermission), but intense, and proves that good theatre doesn't always depend on perfect play writing. Despite these shortcomings, I still recommend *Medal of Honor Rag* highly.

Bill Bryant

Harold Pinter's ultimate betrayal



Betrayal, starring Ben Kingsley, Jeremy Irons, and Patricia Hodge. Directed by David Jones. Screenplay by Harold Pinter. A 20th Century-Fox International Classics Release. Now showing at the Nickelodeon Theatre.

Betrayal is an interesting yet frustrating movie. The picture oozes with elegance and grandeur, from the lush photography to the stylish direction to the fine acting to the sets and dialogue that are deliciously British. Yet this film needs something more. What should have been a carafe of exquisite wine winds up as a bottle of flat club soda. Instead of being a croissant, the picture is more like a doughnut - lacking a center.

Harold Pinter's *Betrayal*, based on his successful stage play, is a *ménage à trois* tale with a twist. Rather than leading us from the beginning of an illicit affair to an emotional denouement, this story begins with the lovers dining at a café two years after they terminated their romance. The story's ending occurs nine years earlier with the gentleman's initial admission to his best friend's wife that he is in love with her. What we get in this movie are the traditional ingredients of a love triangle played back for us in reverse order: the break-up, the husband's learning of how his wife and friend have betrayed him, the

lovers' purchase of a flat in which to engage in their illicit activities, and the first encounter.

Ben Kingsley plays Robert, a book publisher who must deal with the unfaithfulness of his wife Emma (a character named in homage to Flaubert's *Madame Bovary*, no doubt), played by newcomer Patricia Hodge. Jeremy Irons is the debonair Jerry, who has been Robert's best chum since their college days and has become quite chummy with Robert's wife as well. All three stars are fine performers and display their acting abilities admirably. Kingsley underplays his character effectively, presenting to us a man who is experiencing great inner torment due to the loss of his wife's loyalty. Hodge radiates a sultriness that is both sensual and sophisticated, and Irons succeeds admirably in breathing life into a rather poorly written character.

Despite this extraordinary acting ensemble, the film ultimately fails to leave any powerful dramatic impact on its audience. The whole purpose of the story seems to be to analyze what made these characters betray one another; more generally, the film tries to be a psychological study of human nature as it attempts to figure out what prompts people to behave in certain ways. In order to understand the reasons for such behavior, however, we must first

know its origins. Since we don't see Jerry and Emma's initial mutual admissions of their love for one another until the end of the picture, all dramatic tension is lost. We don't care about the relationship between the two lovers because we don't know how or why it started until too late. We cannot completely side with Robert, either, since it turns out that he has been having an affair himself, an affair with a person whom, for some reason, we never get to meet. Emma's shock at her husband's disloyalty, therefore, is never completely realized. As a result of this backwards telling of the story, the audience is left somewhat confused, waiting for a wave of emotion which never comes.

Betrayal also suffers from a problem common to movie adaptations of plays: it looks too much like a play to succeed as a movie. The picture is a series of flashbacks spanning nine years, which results in a presentation of seven or eight scenes with two or three people sitting around talking about themselves. After a while, the scenes become so redundant in structure that we start to lose interest in what is taking

place. The opening segment with Jerry and Emma talking in the café lasts for about fifteen minutes. Even at that early stage, the viewer starts to get restless, hoping for some variation or some action. The resulting experience is not unlike watching a play — a scene ends, the lights dim, another scene starts, it ends, and so on. *Betrayal* is so self-conscious about its style and structure that the audience is never allowed to forget that it's watching a movie; therefore, we never get involved in the story.

I feel a bit guilty at panning a film that has so much talent and potential going for it, so I should note that "Betrayal" is marginally worth attending for the performances of Kingsley, Irons, and Hodge, and for the attempt at originality in filmmaking, which is commendable if not completely successful.

Returning to that aforementioned bottle of wine I propose a toast. Here's to hoping that all the people who were a part of this film will reunite to make another movie — remembering the center next time. Cheers.

Michael C. Magras



I'll be mission you

Mission of Burma at the Bradford Hotel Ballroom, Saturday, March 12.

Saturday was a day for pilgrimages. Boston's serious artists and art lovers flocked to Laurie Anderson's performances at Berklee, and Boston's music fans, both the hardcore and the curious, flocked to the Bradford Hotel to bid farewell to a local legend. Mission of Burma made its last Boston appearance, playing an incendiary final set to an audience that had only recently begun to appreciate the band's prodigious talent.

An element of Mission of Burma's sound — the sheer, enveloping volume — is responsible for the breakup. Years of unprotected exposure to loud music have afflicted guitarist/vocalist Roger Miller with tinnitus (constant ringing in his ears), a condition ear protection cannot remedy. Miller started wearing rifle range earmuffs when the condition worsened, but bones can still conduct sound, exacerbating the ringing. Since Miller tunes pianos for a living — the band's income isn't sufficient to support its members — it has become vital that he stop playing before the tinnitus further interferes with his otherwise normal hearing.

It is unlikely Mission of Burma will continue solely as a recording band. Their record label, Ace of Hearts, is a small, independent company that relies on performances and tours for promotion of new releases. Constant touring brought Burma's first album, *vs.*, to national attention: *vs.* was chosen as one of the year's best records in *The Village Voice's* critic's poll.

Live performances have always been essential to Burma's songwriting process. The band's predilection for experimentation is well founded: A live performance often provides the definitive rendition of a new song, something that cannot be equalled with any number of rehearsals.

The members of Mission of Burma are not sure they would want to continue without the benefit playing in public. If



one thing was evident during Saturday's performance, it was how much the band enjoyed performing for an audience. Fueled by the enthusiastic crowd, Burma tore through a set of old and new favorites with unmatched ferocity, rendering the hardcore posturings of the opening band (the Proletariat) utterly useless. Every tune was delivered as the intense personal statement it was meant to be, with bassist/vocalist Clint Conley pushing himself to the edge of exhaustion during each number.

What makes Burma's sound unique is an uncharacteristic approach to song structure. Their songs don't utilize distinct melodies, but instead rely on rhythmic textures and sheer drive. What differentiates this approach from loud, fast, three-chord punk/hardcore is the complexity of the sound generated, due in part to Miller's serious theoretical training.

All of the individual elements of Mission of Burma merged into a perfect whole on Saturday: Miller literally attacked his guitar, extracting from it a vast array of sounds, supported by Conley's driving bass playing and Peter Prescott's fluid drumming. Soundman Martin Swope was on hand to add his tape manipulations to the mix, producing voices when no one sang or adding extra voices to produce a chorus-like effect. Swope also took the stage briefly for one number, where he strapped on a guitar and joined Miller in creating a shimmering wall of chords.

Most upsetting about the final performance was the feeling that most of the audience would not have attended the show if it had not been the band's last, attending that one only because it seemed to be something to do. Had more people supported Mission of Burma during its short-lived career, they might have been assured of continuing as a studio-only unit. The ultimate sadness lies not in the death of another Boston band, but in the trend-mongering ignorance of genuine talent. Once again, we have learned too late.

David Shaw

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HARVARD COOPERATIVE SOCIETY



feedback

Cowan disputes Kaliski's analysis of UA elections

(Continued from page 7)

- The "low" voter turnout was within 5 percent of the record turnout, and within 2 percent of last year's turnout despite the rainy weather which this year caused the outdoor polling places to be moved inside.
- 34 candidates ran for class of-

office, and 12 for Undergraduate Association president/vice president this year. Last year those numbers were 26 and 6 respectively.

• Kaliski states that only two races, Class of 1983 secretary and Class of 1985 vice president, "provided close competition."

Why does he also say, on the same page, that the Class of 1984 president race was decided "by but eleven votes." (Emphasis mine.)

• Few attended the election forum. Who cares? The campus media was there; that's who matters. Most undergraduates have better things to do with their time, and I'd say that the 1845 who voted without the benefit of attending made an excellent decision, to elect Mike Witt and Inge Gedo.

• No one ran for Class of 1984 treasurer, secretary, social chairperson, or publicity/newsletter chairperson. For one, Kaliski neglects the fact that 4 students who have held these, or other, Class of 1984 offices ran for Undergraduate Association president, and were therefore unable to run for Class of 1984 posts.

• "Only 52 votes" (emphasis mine) is quite impressive for a write-in candidate.

• The positions of social and publicity/newsletter chairperson are new. They replace the member at large offices which have historically been resume positions. The new offices were intended not to attract many candidates, but to recruit those interested in accomplishing a specific, useful task. My personal philosophy is that it is better to have *no one* run for publicity/newsletter chairperson than to have someone become a member at large and do nothing all year.

Student government's success should be measured by what it does, not just by how many candidates get their names on the ballot by the deadline. In the case of Undergraduate Association elections, *The Tech* has correctly

identified the sad state of affairs; the Undergraduate Association has the potential to be effective and important if properly run, but now it is powerless. But in the case of class elections, I don't know what Mr. Kaliski wants. Class government simply isn't so important that three candidates should run for every office. And even if a candidate wins without opposition, who says he won't be the best person ever to fill that position? Accomplishments are important; elections are unimportant. I would prefer that *The Tech*, instead of just bitching about election interest once a year, do an article each week criticizing what the Class of 1984 Council has done. In fact, I challenge *The Tech* to write one such article.

Rich Cowan
President, Class of 1984

Letters to Congress urges nuclear freeze

(Continued from page 7)

We accept the view of most experts, including the Department of Defense, that "the United States and the Soviet Union are roughly equal in strategic nuclear power." (Dept. of Defense Annual Report, Fiscal Year 1982, page 43.)

2. The Congress of the United States should in the interim refrain from appropriating funds for the testing, production, and deployment of nuclear weapons and of missiles and new aircraft designed primarily to deliver nuclear weapons. (The action recommended in this clause is intended as an indication of U.S. good faith, and as a test of the good faith of other nuclear powers, during the negotiation specified in clause 1.)

3. The United States should join the Soviet Union and other nuclear powers in declaring a mutual policy of no-first-use of nuclear weapons, in any circumstances and in any part of the world.

4. The United States should resume negotiations with other countries leading to a comprehensive nuclear test ban in accordance with the provisions previously agreed upon by the United States, the Soviet Union, and the United Kingdom.

5. The United States and the Soviet Union should work vigorously with other nuclear powers to prevent the spread of nuclear weapons to countries that do not now possess them.

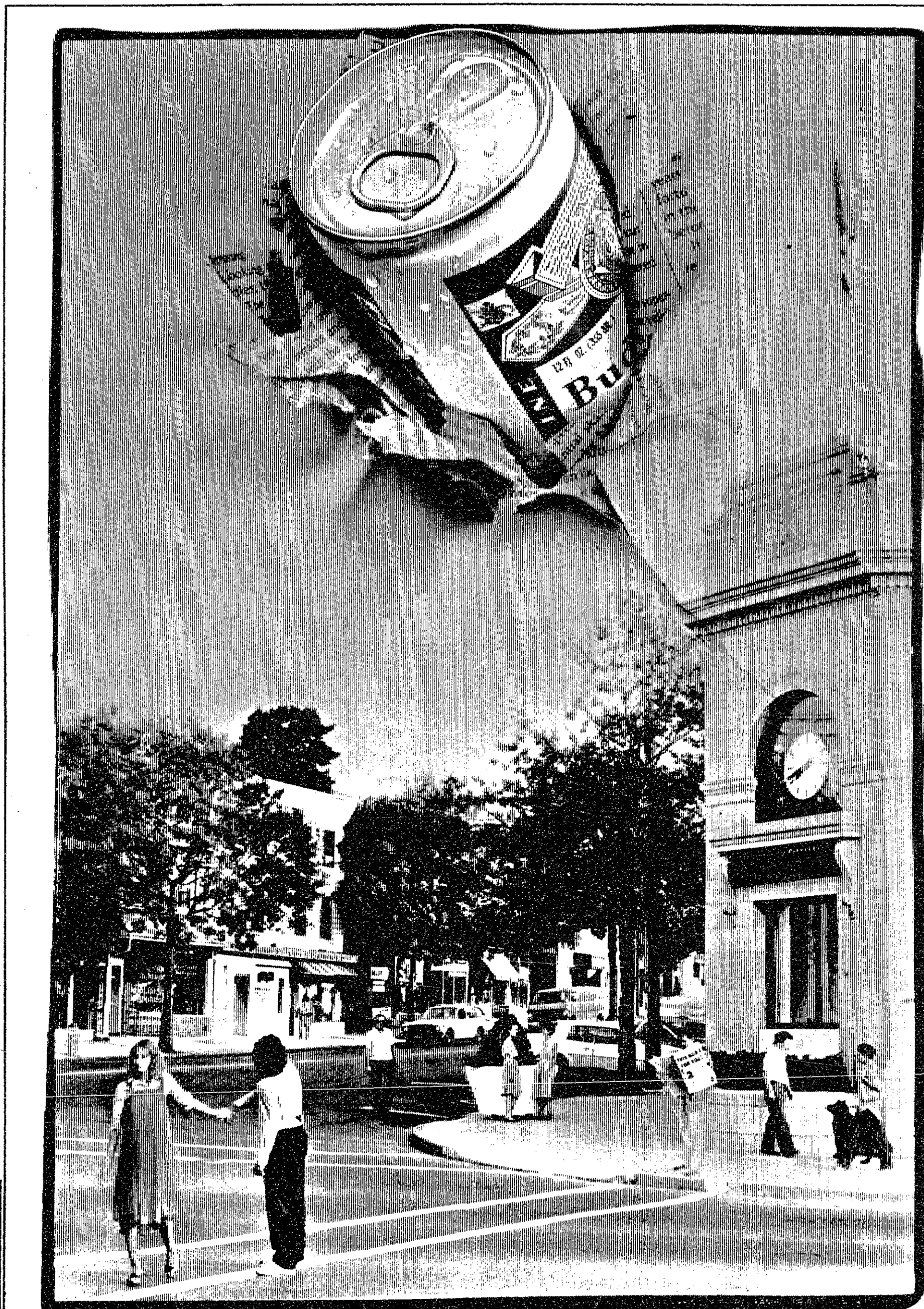
Aron Bernstein
Professor of Physics
Jerry Frost '86
and 3256 others

SCC has no "courtesy"

To the Editor:

Why is the Student Center Committee (SCC) charging students for admission to the Battle of the Bands? Previous events were always free — even with SCC paying for bands, alcohol, and food. For the Battle of the Bands SCC is receiving about ten bands who will play their best material (remember, they're only given twenty minutes each). SCC will be receiving live music for FREE. Correction, SCC will be PAID to receive live music, since they actually have the nerve to charge the bands an admission fee. Granted, prizes will be awarded, but, it is unlikely that they will total more than the fees SCC usually pays to bands. So why is SCC charging us to go hear our friends play! If SCC is trying to find ways to use their \$100,000+ budget to improve MIT social life it makes no sense to charge for what will be one of the most highly attended SCC parties ever. What do you mean this event has been brought to you "Cortesy (sic) of SCC & [FC]." Maybe we should do SCC the "courtesy" of nominating it for Big Screw!

Joseph P. Cernada '85



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Opinion

feedback

Astonished by Bonugli's letter

To the Editor:

I was absolutely astonished when I read the recent letter in *The Tech* proposing that we stop showing pornographic movies at MIT [Feedback, March 4].

Mr. Bonugli's arguments were generally invalid, suffering from these problems: not defining concepts (except for secular humanism); improperly equating certain words; asserting hypocrisies; and not substantiating conclusions.

Is existentialism, as Mr. Bonugli would have one believe, tantamount to moral neutrality? One of the basic tenets of existentialism is that one must be responsible for one's actions — this seems to encourage morals. Also, existentialism does not say that "If it feels good, do it!" but rather it states that life is pain, as exemplified by Hemingway's character Santiago.

Until Mr. Bonugli informed me so wisely, I did not know that Social Darwinism implied moral neutrality. I thought it simply said that the most socially fit are selected for. Do not morals make one socially fit? Social Darwinism does not propound atheism.

As his crowning achievement in obfuscation, Mr. Bonugli comstates that he does not care what method of writing he uses; maybe pares ethics and economics by coupling atheism with commu-

PSK did not lose game

To the Editor:

When I opened *The Tech* today (March 8, 1983), I was pleased to see that IM results were published. However our house [Phi Sigma Kappa] and I were quite surprised to find out that we had been defeated by Sig Ep B when we thought that we had won. In fact we played tonight against the Zete Devils. I realize that these printing errors may not be your fault entirely if at all, but I hope you can correct the mistake and retract the previous result printed.

Philbert Pan '86

Editor's note: The Tech regrets the error.

nism and morality with capitalism. Perhaps he is referring to the Soviet mutilation of communism, but surely he is not saying that American capitalism is necessarily moral.

One of his major problems is his definition of words. Admittedly, his idea of secular humanism is clear. But I must ask, what is his idea of freedom? Do we have the freedom to show a porn movie? Do we have the freedom to be immoral? For that matter, he uses the word "morals" as if it represents a fixed set of beliefs, his set. Morals stipulated by him would restrict freedom and preclude dissension against authority. And is his respect for women merely prudery or will his also support the women's movement? It is confusing.

What makes his letter laughable are his blind hypocrisies. He will write immoral pieces or manipulative ones. Let's wait and

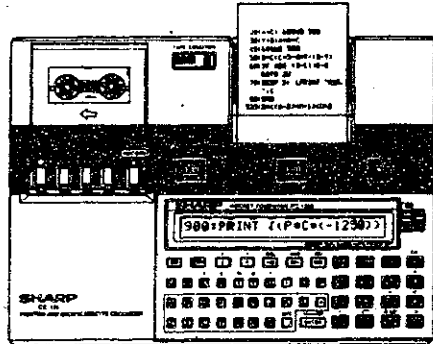
see. He loathes the questioning attitude people have today. Yet throughout his letter, he consistently questions contemporary philosophies. How can such a contradiction exist within his mind?

Mr. Bonugli has several unsubstantial conclusions in his letter. He states that 96% of all Americans believe in God. But does this mean they wish to scour the Earth of secular humanism, as he proposes. That 80% of all Americans oppose pornography does not mean they will insist on a ban. How, pray tell, will not abolishing pornography result in a loss of our freedoms? How will making pornography legal make us sinners in the hands of an angry God? I really do not understand.

If Mr. Bonugli has a response to this letter, I advise him to think before he writes.

Mike McCutchan '86

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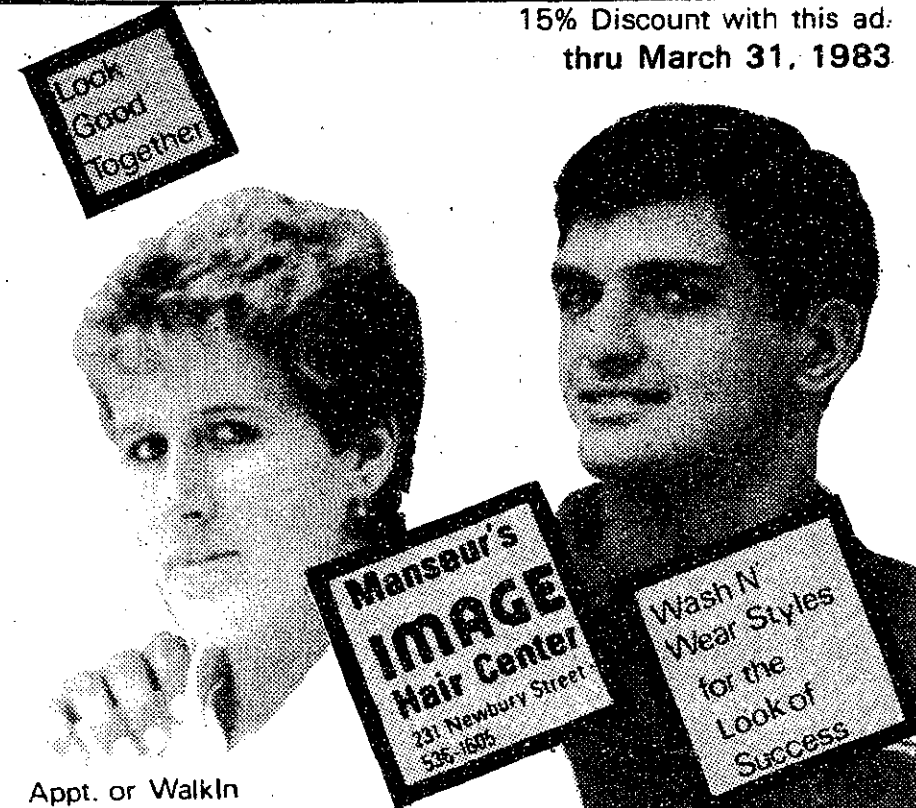
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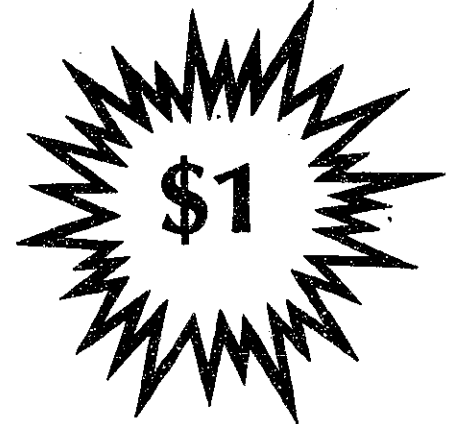
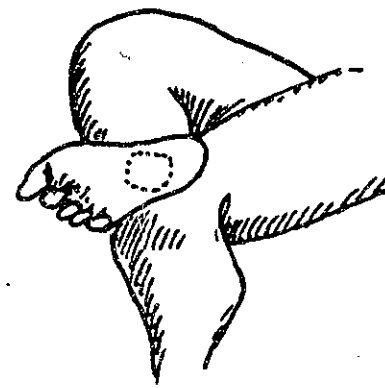
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Listings

Student activities, administrative offices, academic departments, and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest (typed and double spaced) via Institute mail to "News Notes, *The Tech*, room W20-483," or via US mail to "News Notes, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139." Notes run on a space-available basis only; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

Announcements

All members of the MIT Community are invited to send preliminary nominations for the **Harold E. Edgerton Award**, to be presented to a junior faculty member for distinction in teaching, research, and scholarship, to Prof. June L. Matthews, room 26-435.

MIT undergraduates who wish to live in a Wellesley College dormitory next year are asked to file applications in the **Wellesley-MIT Exchange Office**, room 7-108, x3-1668 by today.

Nominations are now being accepted for the **Everett M. Baker Memorial Teaching Award**. The award is given to young faculty members below the rank of full professor. Undergraduates are invited to submit letters of nomination to the Baker Foundation Committee, room 3-234, by March 17.

The **Freshman Admitted List** will be available in the Admissions Office, room 3-108, 11am on Thursday, March 17.

Freshman Performance Evaluation forms should be delivered to in-

structors by Friday, March 18. Instructors should send them to freshman advisors by Monday, March 28.

The **Jeffrey L. Pressman Award** for Political Science, is now open to all MIT juniors. Application deadline is March 18. Further information is available in room 3-234, x3-7752, or from the Political Science Undergraduate Office in E53-460, x3-3649.

The Graduate School Office is seeking cooperation in identifying graduate student candidates for the **Goodwin Medal**. Nominations should include the *curriculum vitae* of the student being nominated, his department, and evidence justifying the characterization of the nominees' teaching as "conspicuously effective." and should be returned to the Office of the Dean of the Graduate School, room 3-136, by Friday, March 25.

There will be a **SAS Open House** Wednesday, Apr. 6, 3-5pm in room 5-106.

The **I. Austin Kelly III Competition**, awarded to the two best papers in Literary Studies, History, Musicology, Anthropology, or Archaeology, is now open. All full-time MIT undergraduates are eligible, except previous winners. Papers must be at least 4000 words long (14 standard typed pages). Papers may be written expressively for the contest, or papers from classes may be submitted, either as they stand or in revised and expanded form. Students are encouraged to consult with faculty. The deadline is Apr. 29.

Nominations are now being accepted for the **John Asinari Award** for Undergraduate Research in the Life Sciences. All course VII undergraduates are eligible. For more information, please contact

Tom Lynch, room 56-524, x3-4711. The deadline for submission is Apr. 29.

The **MIT U.H.F. Repeater Association** offers radio communications assistance to any MIT event free of charge. If you or your group are interested, contact Richard D. Thomas, room W20-401, or call 354-8262 for details.

Lectures

"**Hell: Does it Matter Anymore?**" A presentation and debate on this question will be held at Cambridge Forum on Wednesday, March 16, 8pm at 3 Church St., Harvard Sq. Free.

Claudia Von Canon will read from her newly published novel, *The Inheritance*, Thursday, March 17, 5pm, in room 14E-304. The reading, sponsored by the Writing Program, is free and open to the public.

The Department of Nuclear Engineering is sponsoring a weekly lecture series Thursdays, 3-5pm, in room 24-115. On March 17, Professor I. W. Chen will talk on "**Radiation Effects on Materials**," and Professor M. J. Driscoll will discuss "**Uranium from Seawater**."

A two-part lecture entitled "**Being Mayor: On Managing Change**" will be given by Maynard Holbrook Jackson in the Geological Lecture Room, 24 Oxford St at 5pm. Part I of the lecture will be on March 17; Part II, March 18.

On Thursday, March 17, the Harvard Law School Forum continues its Spring season by presenting **John Anderson**. This event will take place 8pm in Langdell Hall (North Middle) on the Law School campus. Admission is \$2. For further information, please call the Forum office, 495-4417.

On Sunday, March 20, 3pm, the Computer Museum in Marlboro will sponsor its first Bits and Bites gallery talk of the season, "**Ruminations on the Beginnings of Artificial Intelligence and What Ought to Lie Ahead**," by Oliver Selfridge. The talk is free. For further information, call the Computer Museum, 467-4036.

An experienced family counselor will address "**Making Relationships Work After Divorce**" 8pm, Monday, March 21, at the Riverside Family Institute, 259 Walnut St., room 14, Newtonville. For more information, please call 964-6933.

Off-Campus

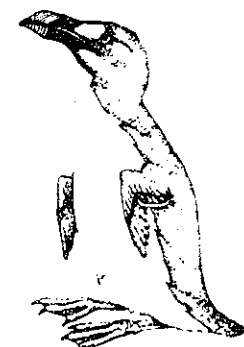
Boston Univ. and The British Institute of the U.S. will present a conference entitled, "**The British Heritage in the United States Today**" on Apr. 9 and 10. The program will be held at the Univ.'s Law School Auditorium, located at 765 Commonwealth Ave. For registration and further information, contact: Rebecca Alassid at 353-4128, 118 Bay State Rd., or the Office of Public Relations, 353-2399, 19 Deerfield St.

Are you bothered by **stuttering** when you speak? Beth Israel Hospital's speech pathologist evaluates and treats communication disorders affecting speech, voice, or articulation. Call 735-2073 for more information.

Politically Frustrated? Help is needed to elect David Scodras to the Boston City Council this fall. For more information, please call Students for Scodras, 236-4434 or 787-5389.

Those with the time and inclination to do **volunteer work** are encouraged to join the Network of Goodwill. To receive information as to what opportunities may be available in your area of interest, please call Althea, 491-8158, or Mary, 323-0888 mornings or 522-0800 9-noon Tuesdays.

And then there were none.



The list of already extinct animals grows... the great auk, the Texas gray wolf, the Badlands bighorn, the sea mink, the passenger pigeon...

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Man cannot live on a planet unfit for animals.

Join an organization that's doing something about preserving our endangered species. Get involved. Write the National Wildlife Federation, Department 105, 1412 16th Street, NW, Washington, DC 20036.



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Developing a Social Conscience

by Rev. Michael McGarry of the Paulist Fathers

"Think of the starving children in China and eat that food on your plate," our parents told us. Smart-aleck kids always had a comeback for it: "Name one and I'll send him some of my peas."

Then some psychologists reminded us not to lay too much guilt on your youngsters: "Don't show them pictures of starving children; it will make them feel guilty."

So now we endure the sight of uneaten peas and carrots lest we come under fire from smart children or wise counselors. But have we come any farther along at all?

I would submit that there is something of a "baby with the bathwater" syndrome here. Reminding children that what is on their plates, at its best, connects their eating habits with those of Third World countries (e.g. Mexico exports most of its vegetables to the United States while many there suffer from malnutrition). Prudently showing the effects of hunger on children in Somalia helps identify in the flesh that they are our brothers and sisters (not showing pictures reminds me of the reluctance some Americans had to seeing what napalm and defoliation bombs accomplished in Vietnam). Indeed, seeing such pictures may move them to ask the first, fundamental question: Why?

Peace and Justice

The problem many of us have is that we do not see the connection between our eating habits and the plight of the hungry world. Our ignorance about international food systems leave us prey to the most simple-minded analyses (e.g. people in Bangladesh are starving because there is not enough food in the world.) The truth is that we now possess the resources and technology to eliminate worldwide hunger and replace it with a sustainable food production and distribution system that can work for all people. Achieving this requires commitment, knowledge, and political will.

The Catholic Church's social teaching urges us to see the connections between our eating habits and the problems of other countries without becoming paralyzed by the enormity of the problem, and what we sometimes think is our inability to make a difference. We must inform ourselves about the realities in order to take positive action. Why is it that five thousand Bostonians are regularly without food, and that twenty-thousand are undernourished chronically?

The Lenten fasts and the meatless Fridays may not put food directly in another's mouth; they might help us to a new awareness of our life-styles and the connections between American eating habits and world-hunger. Awareness might lead to action. As the First Letter of John says, "Whoever loves God must love his brother also."

Courtesy of the Tech Catholic Community and Reprinted from *The Boston Pilot*.

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Off-Campus

A support group for couples who are remarried and have stepchildren living with them or visiting meets weekly for 11 more weeks from 7:45-9:30pm Tuesdays at the Institute for Remarriage and Stepfamilies, 259 Walnut St., Newtonville. For more information, please call 964-6933.

Mount Auburn Hospital begins its series on Grandparenting, today with Norma Farber, Cambridge poet, reading from her book, *How does It Feel To Be Old?* The program will be held in the hospital's Parsons Building Lecture Hall from 10:30am-12:30pm. Fee is \$2.50. All grandparents are welcome free-of-charge. For more information, call the Community Health Education Department at 492-3500, ext. 1772.

The Greater Boston Group of the Sierra Club, the Environmental Alliance of Mass., the American Lung Assoc. of Mass., Trout Unltd., and the Appalachian Mountain Club invite you to view two films produced by the National Film Board of Canada: *Acid Raid: Requiem or Recovery* and *Acid from Heaven* today, 7:30pm, at the Boston National Historic Park, Charlestown Navy Yard, building #5, Hull Room. For more information, please call 227-5339 or 242-5601.

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Mount Auburn Hospital is offering **Sleep**, a program dealing with sleeping problems, Wednesday, March 16, 7:30-9:30pm in the hospital cafeteria. Fee is \$2.50; free for persons over 65. For more information, call Community Health Education, 492-3500, ext. 1772.

A new group is beginning at Beth Israel Hospital for individuals interested in learning about themselves and their intimate relationships. The group will meet 1½ hours weekly for 24 sessions starting Thursday, March 17. Call the psychiatry department at 735-4672 or 4730 for details.

Nuclear Weapons Testing and the Comprehensive Test Ban Treaty will be the subject of a major all day conference sponsored by the Greater Boston Physicians for Social Responsibility. The conference will be held in Kresge on Saturday, March 19 and is open to the public. For information, call GBPSR at 497-7440.

A painting exhibit by the Dorchester Arts Council will be pre-

sented at the Univ. of Mass. at Boston from March 21-Apr. 8, in the Harbor Gallery at Columbia Point. Gallery hours are Monday-Thursday, 10am-4pm. A reception will be held on March 28 from 4-8pm in the Gallery.

Beth Israel Hospital is running a 10-session **hypnosis and weight loss** group programs beginning Tuesday, March 22. For more details, call 735-4195.

The Leather Arts Network is pleased to announce that Rex Lingwood, Canadian leatherworker, artist, and author of "Leather in Three Dimensions," will present a personal survey of contemporary leather work from around the world at Boston Univ.'s Morse Auditorium, Friday, March 25, 8pm. Admission is \$3. For further information, contact A.T. Marcus, 655-4383.

"The Female Alcoholic: Special Concerns in the Workplace," sponsored by the Community Services Dept. of Mount Pleasant Hospital, Lynn, will be presented on March 25, from 9am-5pm, at

the King's Grant Inn, Danvers. Contact Isabelle Baronian, 581-5600, ext. 138/9 for more information.

The Music Dept. of the Cambridge Public Schools presents an **International Music Festival** featuring music, dancing, & exhibits from all over the world, Friday, March 25, 4-10pm, at Cambridge Rindge & Latin School, 459 Broadway. Free.

Behavior modification techniques to help you **lose weight** are taught in a 10-week group program. A new program starts March 28. To register call 735-2565.

A **National College Poetry Contest**, sponsored by American Collegiate Poets Anthology, is now open. For information about rules and prizes, please contact International Publications, PO Box 44-L, Los Angeles, CA 90044, 213-755-1814. The deadline is March 31.

Allen Ginsberg will give a workshop at Karme-Choling, Barnet, Vt., Apr. 1-3. For more informa-

tion, please contact Karme-Choling, (802) 633-2384.

College Poetry Review announces that the closing date for the submission of manuscripts by college students is Apr. 1. For more information, please contact National Poetry Press, Box 218, Agoura Ca., 91301.

Beth Israel Hospital's unique **hypertension** program teaches participants to control high blood pressure using relaxation response techniques, exercise, stress management, and low-calorie, low-sodium diets. A new program starts Apr. 5. Call 735-3645 for details.

The 11th annual **Career Discovery Program** will be offered by the Harvard Graduate School of Design from Jul. 7 to Aug. 12. For a detailed brochure and an application form, please write to the Admissions Office Box 0, Career Discovery, Harvard Graduate School of Design, 48 Quincy St., Cambridge 02138 or call 495-9344. The deadline is May 1.

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HOW TO STOP DRUNK DRIVING.

TOUGH LAWS MAY HELP, BUT WE ALSO NEED TO CHANGE OUR ATTITUDES.

Do you know anyone who's in favor of drunk driving? Not likely. And yet many people have driven when under the influence of alcohol, or will do it at least once.

Take a look at some chilling statistics. One out of every two of us will be involved in an alcohol-related accident sometime during our lives. Last year alone, more than 25,000 people died in such accidents; an additional 1.5 million were injured. A disproportionate number of those killed were under 25 years old.

The cost of drunk-driving accidents amounts to over \$24 billion every year in property damage, loss of wages, medical and legal fees. Not to mention the emotional pain to the victims' families and friends.

What is being done about it? Over the years, many different approaches have been tried: mandatory jail sentences, stiff fines, license suspensions, alcohol-rehabilitation programs, and higher drinking-age laws.

No single countermeasure seems to do the job by itself. Tough laws, unless they are supported by equally tough enforcement and the certainty of punishment, don't seem to

work over the long run. Even with all three, probably the most effective single thing we could do is to examine our own attitudes about drinking and driving.

How much do you really know about the effects of alcohol? The facts may surprise you. For example, a lot of people believe that beer and wine are less intoxicating than other drinks. In fact, a can of beer, a glass of wine, or a 1½-ounce drink of 86-proof liquor are all about equally intoxicating.

A lot of factors determine how quickly you'll get drunk. Your body weight, how much you've had to eat, and the number of drinks you have over a specified time all make a difference. That's why it's so hard to know when you've had too much.

A common legal definition of intoxication is .10 percent blood-alcohol level. For a 160 lb. person, it takes about four or five drinks in the first two hours on an empty stomach to reach the legal limit, compared with three or four drinks in the first two hours for someone who weighs 120 lbs. Of course, your judgment and reaction time will be impaired well before you reach the legal limit.

At General Motors, we're very concerned about the effects of drinking on driving. Over a decade ago, we developed a device that tests a driver's reflexes and motor responses before starting the

car. The Department of Transportation is now field-testing that device.

We also strongly favor all efforts that focus attention on the problem such as the Presidential Commission on Drunk Driving. Make sure your friends and family know the facts about mixing alcohol and driving. Drunk driving will only stop when we all decide it isn't socially acceptable. Be self-confident enough to admit when you've had too much to drink to drive safely.

Meanwhile, seat belts are still your best protection against drunk drivers. They can't prevent an accident, but they will help save your life during a serious crash— whatever the cause.

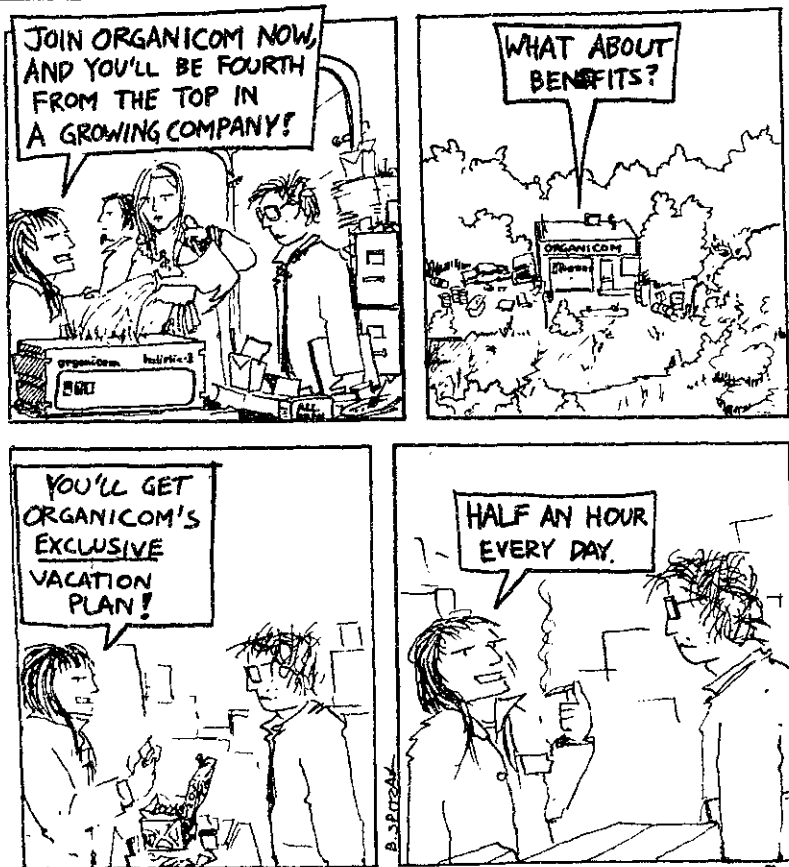
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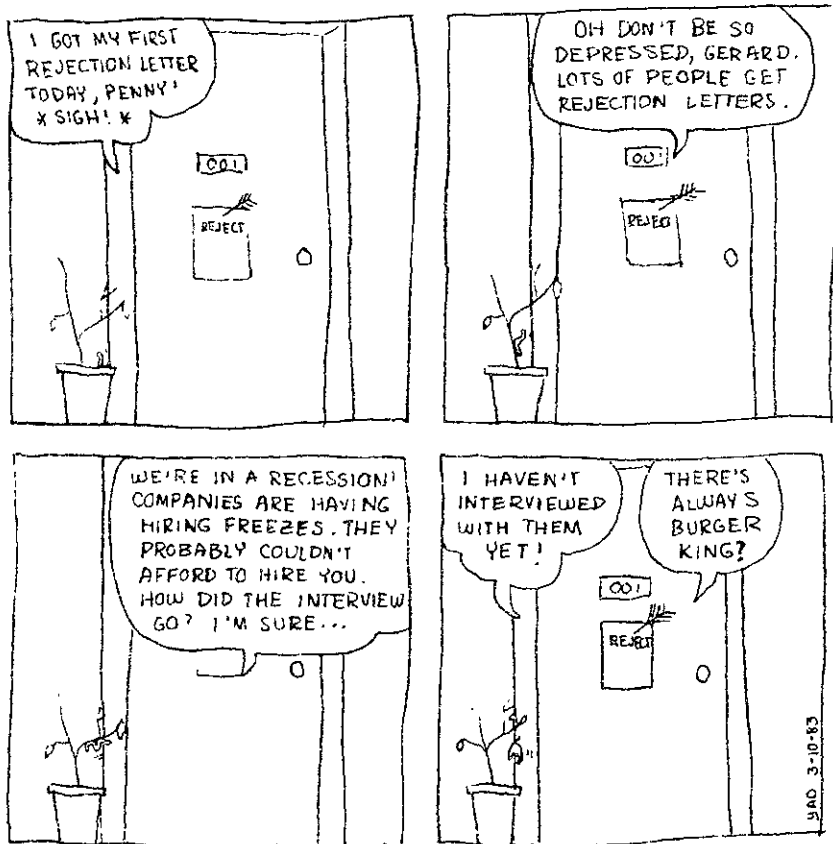
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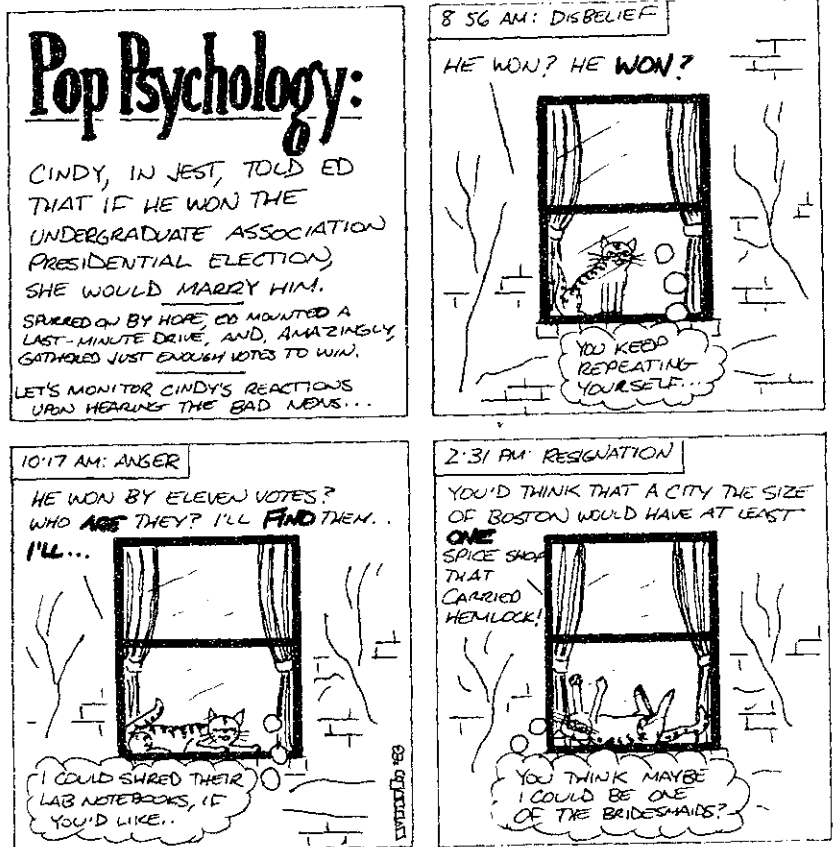
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The Public Finance Group at Merrill Lynch White Weld Capital Markets Group is interviewing candidates on March 18, 1983, for the position of Research Analyst.

Students interested in the challenge of a career in investment banking at one of Wall Street's premiere institutions are invited to sign up for interviews. Salaries are competitive.

Further information and requirements are available in the Career Planning and Placement Office.

Sports

Eric R. Fleming

College athletics and amateur sports

Editor's note: This is the first in a series of columns on issues in college sports.

Herschel Walker's recent jump to the newly formed United States Football League after completing only his junior year in college raises a number of questions concerning college sports. Most important of these questions is, are college athletes, who go under the guise of amateur status, really amateurs?

The answer to this question depends on where you ask it. At MIT, where student-athletes receive no scholarships or aid based on athletic ability, the answer is a clear "yes." This story is true at most of the nation's colleges and universities. But it is the select few, the schools where football and basketball are huge money-making operations, that the term "amateur" comes into serious question.

At schools such as Alabama and Michigan, football is big business. Think about it for a moment. Michigan Stadium seats a little over 103,000. The going rate for tickets is \$12, which means the average gross ticket sale per game (discounting for approximately 30,000 student tickets at \$6 apiece) is in excess of one million dollars. Michigan traditionally plays a six-game home schedule, so yearly ticket revenues are in the neighborhood of six million dollars, not including concessions, parking, television and radio rights, which add much more to that number.

As the above example illustrates, college football is a lucrative operation. This isn't bad in

itself, if the young men involved in it and other major college sports were getting their undergraduate degrees, which is ostensibly why they are in school. A sizable majority of these students, however, don't earn degrees, and if they do, they are in majors such as "communications" and "physical education". This isn't to say that these fields can't turn out productive graduates, but for college athletes, they are the exception rather than the rule.

These "student-athletes" are usually given the best of everything: plush living facilities isolated from the rest of the campus; first-class hotel accommodations while on the road; and of course, scholarships to defer the costs of attending school. The catch with having an athletic scholarship, however, is if an athlete doesn't perform up to expectations, then the scholarship is thrown out the window. It is equivalent to saying, "O.K., your body doesn't

mean anything to us anymore, so we're gonna have to cut you off."

In many cases, that's what is going on: the exploitation of bodies for enjoyment of the fans, alumni, and bolstering of "school pride." Sounds a lot like the pros, doesn't it?

Is removing the facade from these athletes, and calling them professionals, the answer? A number of administrators, former athletes, and sportswriters think so. On face value, the idea doesn't sound very good to me. College is a place where one is supposed to develop your mind, in order to contribute to society upon departure. Changing the status of college athletes to professional, or even semi-pro, will make a mockery of what higher education is supposed to be. Only a commitment by faculty, administrators, and coaches to develop these athletes' minds as well as their bodies will legitimize college athletics.



Tech photo by Francesco Floris
Wrestlers competed in an open meet at duPont Saturday.

Women fencers N.E. champions

By Martin Dickau

The women's fencing team showed that recruiting does not always guarantee success, as the squad captured the New England Fencing Championships and captain Ya-Pei Chang '83 defeated Yale's Diana Mendley to take the individual crown.

"It's nice to beat Yale," commented MIT head coach Eric Sollee, "They recruit for their team." The Elis finished second, two bouts behind the Tech fencers.

"We won enough bouts early," Sollee continued, "so that we only had to keep even with them at the end."

MIT did exactly that. The squad had built up a two-bout margin going into the series with Yale, and came away with a 2-2 split, assuring the victory. The Beavers chalked up a total of 39 wins to the Elis' 37. Harvard was third with 33, Brandeis fourth at 28, and Wellesley rounded out the top five with 25.

A similar situation occurred in the individual competition. Both Chang and Mendley entered the finals undefeated (4-0). "Mendley was a recruited athlete," noted Sollee, "but Ya-Pei took up fencing in college."

Chang had worked with Sollee on specific techniques for the bout with Mendley. The MIT fencer took two quick touches but then the practice paid off as she went on to take the bout. The title is Chang's first.

Janet Yanowitz '83 also did well in the individuals, coming in fourth of forty-four behind Vivian Fuchs of Harvard. Like Chang, Yanowitz began her fencing career as a freshman at MIT.

The women are now looking ahead to the United States Fencing Association Foil Championships in June.

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