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## in the news

### INSIDE

In spite of strong support from the Boston Symphony, Joseph Silverstein delivered lifeless performances of two Stravinsky works and the Mendelssohn "Scotch" symphony; the highlight of the evening was when he threw his baton into the audience.

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### WEATHER

Mostly cloudy today with snow developing this afternoon or early evening. Light winds during the day swinging easterly and then southerly by tonight. Highs near 30. Light snow continuing with accumulations of 1-3 inches overnight, perhaps changing to sleet and freezing rain before morning. Lows in the middle 20s. Rain tomorrow ending during the day. Highs 37-41.

Looking ahead, watch out for more snow late Friday.

### EXCERPTS

I am a 21-year old woman and although I am not a Brown student I would like to commend you for running the *Playboy* ad for models in spite of the opposition by several "women's" groups. I feel that a woman has the right to choose her own lifestyle and decide what is best for her. That is true liberation. It infuriates me when certain "women's" groups start telling other women how they should live their lives. In the *Playboy* controversy, as in other matters, these groups start treating other women like children who don't know what is good for them — in the same sense as telling advertisers that they shouldn't advertise sugared cereals because children do not have the mental capacity to determine for themselves what may be harmful to them. There is nothing more annoying than people who are trying to "liberate" you so they can then oppress you themselves by forcing their ideas on you. The "women's" groups who were trying to ban the ad fall into this category. I think I speak for many other women when I say that, as the old saying goes, with friends like that, who needs any enemies?

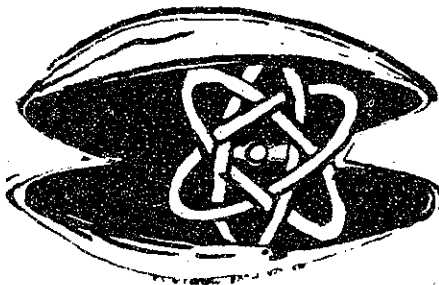
Debra Olson  
*Brown Daily Herald*  
Jan. 5, 1979

## Seabrook and Clamshell collide

By Doug Klapper

Nuclear power may be generating more controversy than electricity, or so it seemed last week at the two IAP lecture series on nuclear energy.

"It was about time we started talking to each other," commented Donald Dube, organizer of the first series called "Seabrook Week". "We know they're against nuclear power but why do they feel that way?"



Dube designed Seabrook Week as an overview of the nuclear power issue. Speakers were invited from both pro and anti-nuclear organizations.

Wayne Christian, a graduate from the MIT Political Science Department and now with the Energy Lab, organized the second series, "Dismantling the Nuclear Myth."

His speakers were all from the Clamshell Alliance, the major anti-nuclear organization. The Clamshell is a conglomerate of local anti-nuclear groups that was formed in July of 1976 in protest of the federal Nuclear Regulatory Commission (NRC) which had issued a construction permit for the Seabrook plant a month earlier, despite many years of citizen protest.

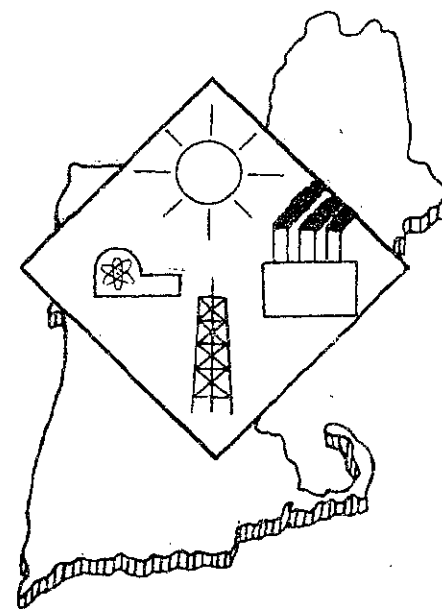
The opening objection made by the Clamshell Alliance concerns the environmental hazards associated with nuclear power. Their first fear is thermal pollution which they claim poses a threat to sea life.

Pro-nuclear people argue that coal mining, as the alternative, presents more serious problems of this type. Coal mining, they say, is

more destructive to the land than uranium mining, and coal mining can result in acid runoff that pollutes waterways. Toxic sulfates from the combustion of sulfur-laden coal present additional difficulties, along with particulates and trace quantities of minerals from fossil-fuel combustion.

The Clamshell Alliance raises the question of radiation dangers. They argue that the low levels of radiation that these power plants emit can cause cancer and genetic disorders, while higher doses cause radiation poisoning.

Even more, there is the problem of the spent fuel from reactors. The exhausted, highly radioactive fuel rods that contain about 1 per cent unspent uranium-235, and at least that much plutonium, must somehow be permanently removed from the environment. Plutonium, they report, is so deadly that a millionth of a gram can cause fatal lung cancer. Either these wastes must be permanently buried or



reprocessed to be used again. Proponents of nuclear power dispute these claims of radiation. They assert that the radiation emitted from the plants lies well below any dangerous level. They also maintain that solid wastes (Please turn to page 2)

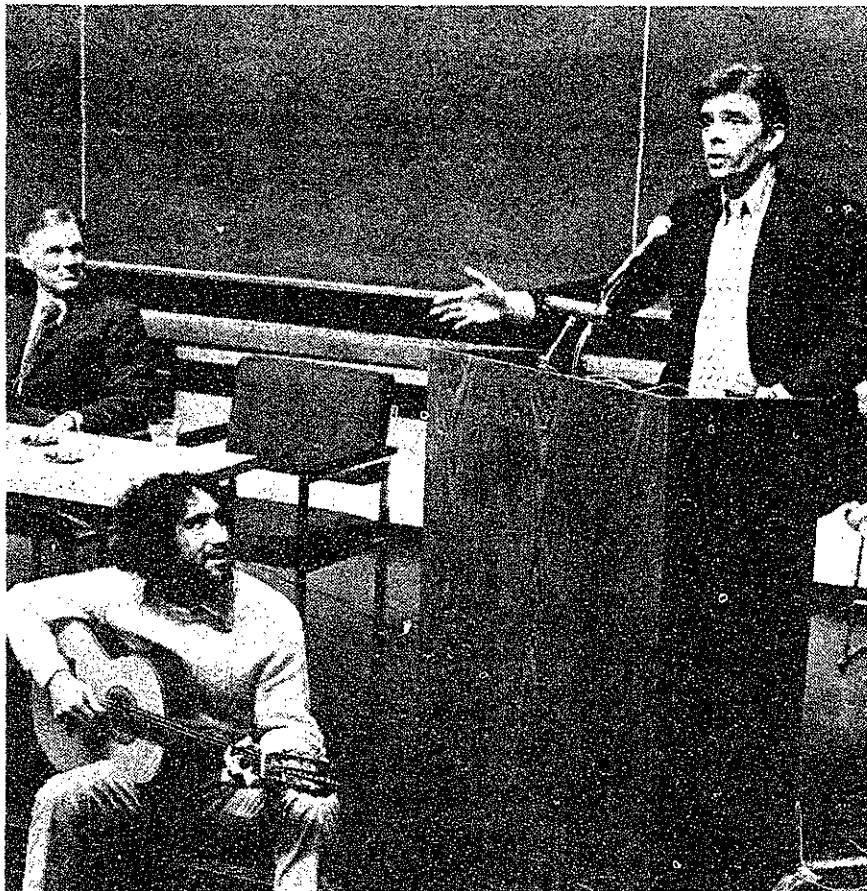
## Politics amuses audience

By Leigh J. Passman

Few institutions lend themselves to humor and satire as well as politics. That was the inevitable conclusion of last Thursday night's panel discussion on "Politics, Policy, Humor, and Satire: What Makes Politics Funny — Massachusetts and Elsewhere." A panel consisting of Dick Flavin, political satirist for Channel 4 News, Prof. Edwin Diamond, Senior Lecturer in the Political Science, Dan Shekter, former New Editor for WBCN, political reporter Jack Cole, and former Massachusetts Governor Frank Sargent formed the team of sit-down comics.

Although the evening served mainly as a framework for jokes, songs, anecdotes, short films, and witticisms, the panelists still commented on the serious role humor and satire play in politics.

Gov. Sargent kicked off the discussion by emphasizing that humor and satire were important for politicians. Sargent related that while he was in office, he had on his desk a plaque which read "Don't ask me. . . I didn't go to Harvard."; Sargent graduated from MIT in 1939. Sargent said the ability of a politician to "laugh at himself, not his office" is very important. He cited President John F. Kennedy's ability to stomp the press with his excellent wit. As Sargent told it, Kennedy knew that the press was going to question his appointment of Robert Kennedy as Attorney General, so when they did, JFK



Dan Nathan '79 accompanied Jack Cole's song about Massachusetts Politics at Thursday's panel discussion. (Photo by Gordon Haff)

quipped "well. . . he needs a little experience with the law."

Edwin Diamond, the panel's ranking academician, provided a brief historical account. Citing Freud, who asserted humor was form of response to hostility, Diamond stated that humor stemmed from adversity and pain, which he said might also explain why there is an abundance of jokes about MIT. Diamond reached back to 1968 and quoted mayor Richard

Daley who, when faced with protesting mobs and violence during the Democratic Convention, said "the Chicago police didn't create disorder, they are there to preserve disorder."

Jack Cole, a political reporter, sang a few songs highlighting the recent gubernatorial election. With regard to state of Massachusetts political humor in the near future, the general consensus

(Please turn to page 3)

## 60 Min. interviews Kassakian

By Leigh J. Passman

Harry Reasoner, investigative reporter for CBS's "60 Minutes", visited MIT last Wednesday, January 10, to conduct an interview with Assistant Professor John G. Kassakian of the Electric Power System Engineering Laboratory.

Although Reasoner declined to detail information on the "60 Minutes" report, which was at the time incomplete, he did volunteer that he had interviewed Kas-

sakian, in the capacity of an expert source, for a report on electrical power devices. The "60 Minutes" crew flew up from New York and spent approximately two hours setting up and conducting the segment.

After seven and one-half years as anchorman for ABC News, Mr. Reasoner recently rejoined CBS News to be teamed up with Mike Wallace on "60 Minutes". When asked how he felt to be back in the role of an investigative

reporter, Reasoner confided that even after the prestige, fame, and monetary comfort of being a national anchorman, he could say that he enjoyed investigative reporting more.

Because his investigation was still in progress last week Reasoner was unable to provide a definite airing date for the Kassakian interview, but he said that he expected it to be in early February.

## IAP: Seminars, sports, and sleep

By Lenny Martin

MIT students are using IAP for everything from getting lots of sleep to doing lots of skiing, and from cleaning up their rooms to burying themselves in lab work.

"The main thing I've been trying to do is sorting out paperwork, like with the Institute," said Tim Dean '81. Tim also intends to take a surveying course.

While much of the MIT community experiences New England weather during late January, Sandy McCarley '80 will be training with the women's crew team in Tampa, Florida. In the meantime she is doing neutron activation analysis in the Nuclear Reactor Lab for UROP.

Joe Shipman '82 plans to start working on foot switches as part of UROP in the Experimental Products Lab, but, he said, "Right now I'm sweeping floors because they don't think I can do anything else."

J.P. Masser G is working on his master's thesis in a cooperative program involving the Electrical Engineering and Computer Science Department, and Lincoln Laboratories. His work is in statistical pattern recognition with computers. Masser will enter the College Bowl and possibly the gamesmanship tournament.

Some people devote IAP to making IAP activities go smoothly. Jordan Kreidberg '79 is the IAP Coordinator for the Department of Biology. In addition, he is combining UROP with a biology lab requirement in an immunology project at the Center for Cancer Research lab.

Most activities listed in the Final Guide meet for no more than six hours per week. But Robert Adu-Gyamfi '80 is taking one which meets 24 hours per week during IAP, a mechanical engineering lab class called "Total Immersion in 2.672."

Steve Berez '80 is booking films and helping train nine new officers for the Lecture Series Committee. He is taking time out for

(Please turn to page 7)

# Lectures stir nuclear debate

(Continued from page 1)  
can indeed be safely disposed of by sinking tons of it into salt beds like those in New Mexico. Opponents however, continue to cite examples of cases where storage was unsuccessful and radiation escaped into the environment.

In a panel discussion on January 10, Dr. Andrew Kadak of the New England Power Company used the Egyptians as an example of a culture, primitive as they were, that was able to successfully contain in burial what they chose.

Jim McConaha from the New England Coalition on Nuclear Pollution quickly pointed out that the Egyptians were not successful. The tombs were ransacked by vandals, and excavated by archaeologists. He stressed the dangers of future generations digging up our nuclear wastes.

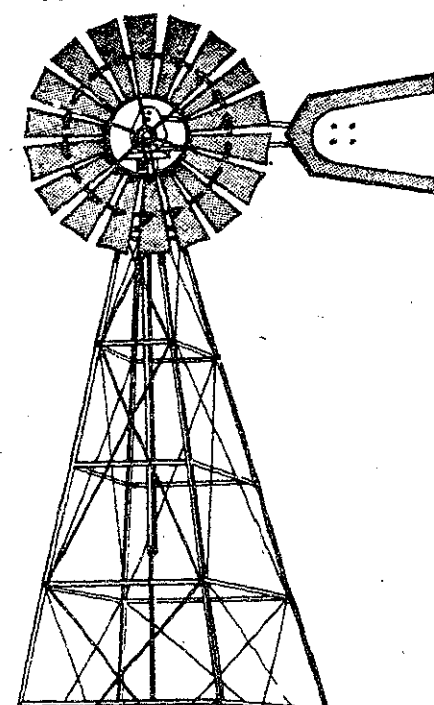
Scientific American quotes Walter Marshall, deputy chairman of the United Kingdom Atomic Energy Authority as estimating that by the year 2000, if successfully completed, plutonium mines would contain enough nuclear material for the construction of a quarter of a million atomic bombs.

This brings up the next issue. Reprocessing spent fuel, as the alternative, only leads to worse problems according to the Clamshell. They are referring to nuclear proliferation. An objective, extensive study called the Report of the Nuclear Energy Policy Study Group writes, "In our view, the most serious risk associated with nuclear power is the attendant increase in the number of countries that have access to technology, materials, and facilities leading to a nuclear weapons capability... [Nuclear proliferation is] an extremely serious danger to US security and world peace and stability in general."

Another Clamshell argument is the safety of nuclear power plants. They published a pamphlet listing many examples of plant accidents, transport accidents, and waste disposal problems.

The Reactor Safety Study published by the NRC in 1975 states that an extremely serious accident under adverse conditions could kill three to four thousand people over a few weeks, cause tens of thousands of cancer deaths over 30 years, and cause at least that many genetic defects in future generations, let alone \$10 billion in property losses.

On the other hand, The Nuclear Energy Policy Study Group claims that "... the consequences would not be out of line with other peacetime disasters that our society has been able to meet without long-term social impact." Also, they point out that the probability of these accidents happening is extremely low.



January 8, the first day of Seabrook Week, was devoted to the actual explanation of how nuclear power plants operate. This was conducted by Professor Neil E. Todreas of the Nuclear Engineering Department.

Todreas explained that the basic principle is to tap an energy source, use the energy to boil water into steam and then have the steam run turbines or other electrical generators.

The energy source in the case of nuclear power is an unstable isotope such as uranium-235. To tap its energy, it is bombarded with neutrons in a process known as induced nuclear fission, which causes the isotope to break into fragments whose separate masses do not sum to the original mass of the nucleus. As Einstein predicted, this missing mass is converted to energy, and the conversion factor is enormous. Thus a very large amount of energy is released.

Besides these fission products, there are normally two or three high-energy neutrons released. With the aid of a "moderator," Todreas continued, these neutrons can be slowed down to the common heat-energy of yet more uranium-235 nuclei causing them to split, creating a chain reaction.

The moderator is a material that can absorb some of the

energy of a fast neutron and release it at a diminished velocity. Common moderators are deuterium oxide (heavy water) and graphite.

One requirement of the process is that this uranium fuel be "enriched." In natural uranium only 0.7 per cent of the nuclei are in the useful form of uranium-235. The expensive and complex process known as enriching increases this proportion.

The heat in this process must be harnessed to create steam. To do this a fluid such as water or helium is pumped in to absorb the heat and carry it to the boiling site, where the electricity is generated.

The Seabrook Nuclear Power Plant, Todreas explained, is known as a pressurized water reactor (PWR). In this type of reactor, water is placed under a pressure of about 150 atmospheres to increase its efficiency to absorb heat. It thus serves as both the coolant and the moderator.

In the Seabrook plant, the coolant, before it returns to the core, is recooled by sea water that is drawn in through a 19-ft. diameter tunnel from the ocean. As the Clamshell points out, this water is returned to the ocean over 30° warmer than before.

Perhaps the two views can be best represented by statements elicited from the general information pamphlets that each group made available at their lectures.

The Clamshell states, "We, the members of the Clamshell Alliance, demand an immediate and permanent halt to the construction and export of nuclear plants and facilities... Nuclear power is dangerous to all living creatures and to their natural environment. The nuclear industry is designed to concentrate profits and the control of energy and resources in the hands of a powerful few, undermining basic principles of human liberty."

The Student Chapter of the American Nuclear Society writes, "Electric utilities are required to provide adequate electrical energy for the public at the lowest possible cost. In addition, privately owned utilities are expected to provide a fair return on the investment, or 'profit', to their stockholders. These two constraints, along with environmental considerations, force the utilities to decide how much electricity to produce and how to generate it."

# Police Blotter

## Jump Starting Motor Vehicles

The recent severe cold has caused many automobile batteries to "die", necessitating "jump starting" weak batteries via booster cables from strong batteries. Although perhaps convenient, this is, never-the-less, an extremely hazardous procedure, involving a substantial degree of risk of battery explosion. To minimize this risk, it is suggested that the proper procedure, as outlined below, be followed.

1. Start the engine of the car giving the boost.
2. Remove all cell caps from both batteries.
3. Connect one cable to the positive post of the good battery and to the positive post of the weak battery.
4. Connect one end of the second cable to the negative post of the good battery; connect the other end of the cable to the frame of the car needing the boost — do NOT connect it to the negative post of the weak battery.
5. Stand clear of both engines.

6. Now attempt to start the car needing the boost.

7. Once the second car is started, disconnect the cables promptly.

8. Do not try to drive immediately. Instead, the car with the weakened battery should be run at a fast idle until the engine is fully warmed up; this will take several minutes at the least. Vehicles requiring boosts in order to start should be checked promptly by a qualified mechanic.

## River Ice Dangerous

With the onset of long periods of cold weather, sooner or later ice is bound to appear on the surface of the Charles River. The community is reminded that, due to the peculiarities of the Charles' currents and eddies, the river never freezes to the depth sufficient to safely support much weight. Consequently despite how solid the surface may look from shore, it is always extremely dangerous to walk on river ice. We urge everyone to admire the beauty of the river in winter from the safety of terra firma.

## Graduate Scholarships available in Jewish Community Organization

\*\*\*\*\*

College Seniors and Graduate Students are invited to apply for the **Federation Executive Recruitment and Education Program (FEREP)**, leading to a Master's Degree and professional placement in the Jewish Federation Field.

Graduate Programs in Community Organization and Jewish Studies combined with Federation field experience prepare you for positions in Social Planning and Budgeting, Fund Raising, Administration, Community Relations, etc.

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Combined Jewish Philanthropies of Greater Boston  
72 Franklin St.  
Boston 02110  
542-8080

Ferne Katlemen  
Council of Jewish Federations  
575 Lexington Ave.  
New York 10022

# notes

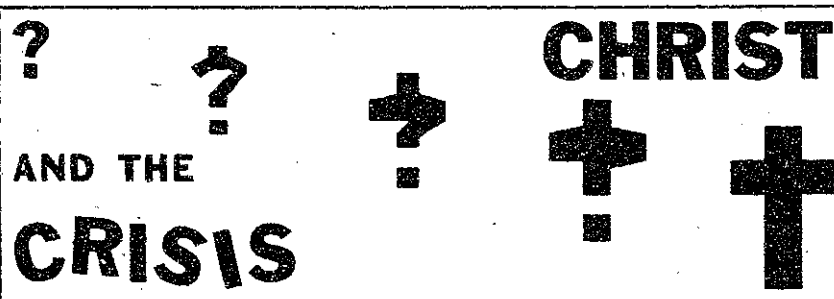
\* There will be an organizational meeting for all people interested in working on R/O '79 Monday, Jan. 22 in room 7-105.

\* "SALLAH," a full-length film. Thurs. Jan. 18th. 7:30 in the Marlur Lounge, 37-252 (enter at 70 Vassar St.). Hailed by many critics as the best Israeli film, Sallah portrays the hilarious battle of a poor immigrant against Israeli bureaucracy and political corruption. Stars Haym Toplo, Academy Award Nominee. Directed by Ephraim Kishon. With English sub-titles. Refreshments will be served. Admission \$1.25.

\* "Understanding Israel — Part ii: the Confrontation of Israeli and Palestinian Nationalism: A Two-State Solution?" Tues. Jan 23rd, 7:30 pm. in the Marlur Lounge, 37-252 (enter at 70 Vassar St.). A discussion with Prof. Stanley Hoffman, Chairman of the Center for European Studies, Harvard Univ. and Mr. Roger Gottlieb, Asst. Prof. of Philosophy, Tufts Univ. The panelists will focus on the nature of Jewish and Palestinian nationalism and their historic confrontations: the political, military, and practical feasibility of a two-state solution, analyses of political opinions about that solution and the history of attempts at Palestinian-Israeli rapprochements.

\* "Third Annual Rosh Chodesh Marathon in Honor of Women, the Moon and Alternatives" Sun. Jan. 28th. 7:30pm — 2am in the Cheney Lounge, 3-310 (Enter 77 Mass Ave.). The program will feature free-form workshops and discussions around topics ranging from the modern Jewish feminist revolution to alternatives in American Jewish education.

Guests will include Mr. Richard Siegel, author of The Jewish Catalogue on "Spiritual Alternatives to Jewish Professionalism", poet Danny Siegel, and Rabbi Everett Gendler on "Jewish Naturalism." Finally an informal ensemble will perform little-known early Jewish music. If interested in being part of the ensemble call Ora or Sam at 253-2982.



**CHRIST and the CRISIS of Man's Identity: a proven answer to a contemporary problem**  
IAP Activity 641  
Ashdown House 2nd Floor Lounge  
Tuesdays: Jan. 9, 16, 23, 30, at 8 PM

(NOTE TIME CHANGE)

# news roundup

## World

**Strikes cripple Britain** — A nationwide shutdown of rail service has added to the disruption caused by a strike of 100,000 truck drivers. Many ports have been crippled by the lack of transportation and industrialists have warned that factories starved of raw materials could lay off a million more workers by the end

**Shah departs** — Weeping openly, the Shah left Iran aboard a military jet bound for Egypt at 4:14am EST. According to palace sources, the Shah took a small casket of Iranian soil with him. He is expected to join the other members of the royal family in the United States. Former Ambassador to Britain Walter Annenberg confirmed that he has offered the Shah the use of his 900-acre walled estate outside Palm Springs, California.

## Nation

**Air Fares reduced** — Friday the Civil Aeronautics Board gave approval for World Airways and Capitol International to introduce \$100 transcontinental fares. Capitol will offer the fare on a twice-daily, reserved-seat basis between Los Angeles and New York for \$100. World Airways not sure how many flights it will offer but will sell reserved seats through Ticketron for \$108. Neither firm has plans to extend the service to Boston.

**FTC opens inquiry into TV commercials** — The Federal Trade Commission opened a ten-day public session in San Francisco to discuss proposed changes in regulations dealing with the so-called "kidvid" ads, ads aimed primarily at children. TV commercials fell children "the biggest lie they'll ever hear," said Harry M. Snyder, West Coast director of Consumers Union.

**Blizzard hits Midwest** — Record cold temperatures hit the blizzard-bound Plains and Midwest Monday, including a record 19° below zero in Chicago. The cold marked the start of another storm, the third which that part of the nation has received in four days. Chicago had a record 31 inches of snow on the ground. O'Hare International Airport had been closed for a number of days, but had one runway open by Monday morning with a mammoth backlog of flights.

## Local

**Colorado restrained from Hiring Fairbanks** — US District Court Judge A. David Mazzone granted a preliminary injunction barring University of Colorado officials from trying to hire Patriots coach Chuck Fairbanks. Fairbanks admitted under oath last Friday that he had been working on the Colorado football staff while preparing the Patriots for the NFL playoffs.

-By Richard Salz



Panelists at Thursday's forum included, from left to right: Dick Flavin, Edwin Diamond, Dan Scheckter, Gov. Francis Sargent '39, and Jack Cole.

## IAP: Political humor discussed

(Continued from page 1)  
of the panel was that Governor Ed King would probably provide an excess of material.

Dan Scheckter introduced Dick Flavin, political satirist from the "eye-witless news staff." Flavin said his job wasn't too difficult and quoted Will Rogers: "I don't make the jokes... I just watch the government and report the facts." Flavin said he liked former New Hampshire governor "Mildew Thompson — one of the great statesmen of the seventeenth century." Flavin also alluded to Speaker Tip O'Neill's political power in Washington. Flavin said that it was not widely known that Carter had privately hoped Tip O'Neill would succeed John Paul I as Pope. Carter's reason, according to Flavin, "so he would only have to kiss O'Neill's ring."

Flavin joked about Gov. Dukakis' "sin taxes"; taxes on such vices as "drinking, smoking, and eating." He also joked about the Ivy League — "where they say 'fantastic' instead of 'bullshit.'" Flavin pointed out that in the political world almost no topic was taboo, even Carter's hemorrhoids, which Cole noted were treated by a Navy doctor — a Rear Admiral. However funny his hemorrhoid condition, the panel agreed Carter's humor was dry; sarcastic at best.

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# Party

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Because from Jan. 13 through April 21 we're opening Nassau and Paradise Island to a wave of American college students. We have reason to believe that wave may reach tidal proportions. Probably because of the price: \$269 including air fare and 7 nights hotel.

So there it is, young America. We guarantee you the best of dancing on the beach, water sports and a roaring party. Beyond that, you're invited to improvise. And since your talent for good timing is legendary, we've made preparations for you. We're going to be ready.

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Alright! Sounds good! I've checked the week I want to party and enclosed my \$50 deposit.

Sounds good but I'd like to hear more. Send me your brochure.

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Just \$59 for hard lenses and \$129 for soft lenses (Bausch & Lomb, American Optical or Hydrocurve). These prices include a lens care kit (eye exam not included).

Of course, with every pair of lenses you buy you get our Yes-No-Maybe Plan. It gives you 45 days from purchase to decide if contacts are for you or we'll refund what you paid for the lenses.

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# opinion

## Ads aren't just matters of money

By Bob Wasserman

Many journalists will readily admit that their news medium is at the mercy of its advertisers because of the difficulty today of making a newspaper or magazine profitable. What often goes unnoticed, though, is that advertisements are an integral part of the medium itself, being both interesting and controversial.

Advertisements have been the subject of a good deal of study and regulation in the past. Cigarette commercials were banned from television in an effort to decrease smoking, and Washington is currently debating the wisdom of allowing candy and toy manufacturers to advertise on programs for young children. Private individuals also are campaigning for the right to advertise publicly. Lawyers have just recently won that privilege and several court cases are now pending which will determine the possibility of members of the medical profession advertising.

### something else

Last month the staff of the Harvard Crimson was confronted with a difficult decision on whether or not a Playboy photographer should be allowed to place an ad in the Crimson for models. The newspaper rejected the ad on the grounds that it was exploitive of women. The models were to have appeared in a feature called "Girls of the Ivy League." Newspapers of the other ivy colleges received the ad, several accepting it. The play for Harvard women which the Crimson refused was later published in the Boston Globe, however, and the Playboy article will be completed.

Unlike the Crimson, the Tech executive board would have run a similar ad, although none was requested. Tech staffers viewed the advertisement positively not because of a smaller number of feminists on campus, but rather on the grounds that even Playboy had the right to advertise. Typical of the Tech was the opinion of Advertising Manager Brenda Hambleton '79, who reasoned that there was "no reason" such an ad should be turned down if in good taste.

Advertisements in The Tech and other campus media give a valuable insight into life at MIT. The largest general advertisers in the Tech are beer distributors (beside the Tech Coop, whose large ads attest to the tendency of students to shop primarily on campus). Several of these, such as Busch and Miller, appeal to readers in a sporting or humorous manner which is the same light in which their product is taken. O'Keefe Brewing Company, however, does not let us forget the nature of MIT's academics, and refers to Plato and Einstein in their spots.

There are numerous ads which leave little doubt as to the occupational interests of MIT students. In the fall, electronics firms and technically-oriented companies splash want ads across the pages of the Tech at the time when most interviews are taking place. Even graduate and business schools are advertising.

Politically, the Tech's ads seem uninspired and rare. A few pages have been devoted to foreign policy issues, such as the turmoil in Lebanon and Taiwan's internal policy. There seem to be less advertisements urging students to "demonstrate" than in the 1960's, although student political views are not necessarily in line with Armco's "Plain Talk about Jobs" series which rails out against government regulation and pollution control.

Advertisements can provide social commentary, as well as social persuasion. Without neglecting the rest of the context of a newspaper, of course, a reader should read ads critically, receiving them in a spirit greater than that in which they were given.



## China: Whither the revolution?

By Joel West

On Friday, December 15, 1978, in a nationally broadcast press conference, Jimmy Carter announced what for many was long overdue — the United States would, after 30 years, recognize Red China as the legitimate government of one-fourth of the world's population.

In spite of the rather leisurely progress made since Richard Nixon's 1972 visit to China, controversy immediately erupted over the implications of this move. The debate has primarily centered over our obligations to Nationalist China, the government which the Red Chinese drove to the island of Formosa in the 1940's. After Carter's announcement Taiwanese stormed the American

Embassy in Taipei, while supporters in the U.S. marched on Plains.

Other supporters in the U.S. (sometimes known as Senators and Representatives of the Republican party) rallied to have Carter's actions thrown out as il-

With the defeat of Madame Mao and the radical "Gang of Four," China has been steadily making progress towards Westernized industrial society. Four great modernizations are planned: in agriculture, industry, defense, and in science and technology. According to a lavish article in the Jan. 1 Time Magazine, these modernizations could cost as much as \$800 billion by 1985, although this only represents \$150 per capita per annum.

The unsettling part of the Time article was not the magazine's usual insight-filled commentary; rather, the full-color vignettes of Chinese society, complete with captions, demonstrated how far the modernization has really come. One caption read "Couple holding hands on a stroll along Hangchow lake." But regulations

(Please turn to page 7)

### perspectives

legal, an usurpation of congressional powers, or just plain wrong. One, John Ashbrook by name, called the action "an act of treachery". In recognizing Red China, Carter also explicitly recognized Peking's claim to be the one true government of all China, including the island of Formosa; the discomfiture of the island's current government is understandable.

## feedback

### Students left out in the cold

To the Editor:

I would like to bring to your attention a situation which occurs once a year here at the Institute. Immediately after final exams, the bulk of the student population goes home to partake of Christmas cheer in the comfort of their family surroundings.

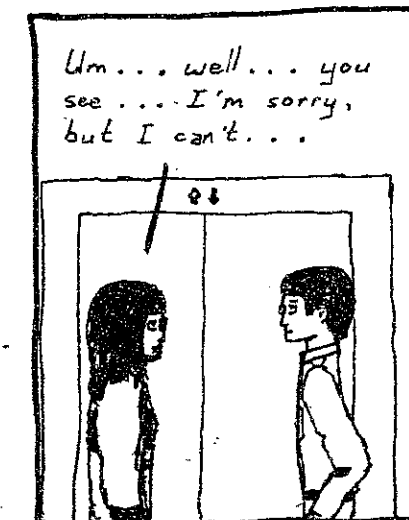
Unknown to most students, a terrible injustice is done on the 24th of December. As most await Santa, what does the Institute do? It closes the Student Center Library.

"So what?" you say. Well, you've seen them. Those gray, unkempt characters who sleep in that dark corridor between the EE and Physics books. They live there. And what does Tech do? While most MIT people are cozy at home, it throws these hard-working students out into the cold, left to wander the streets of Cambridge until their twenty-four hour purgatory is over. How cruel!

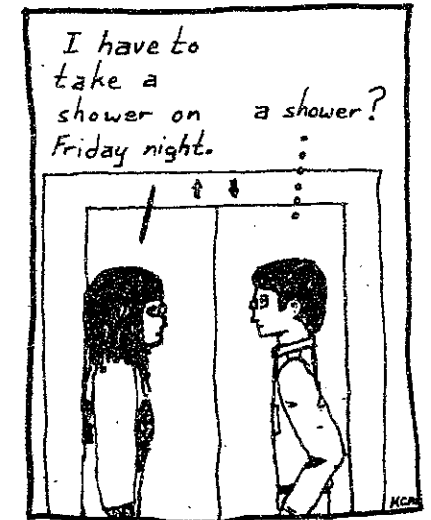
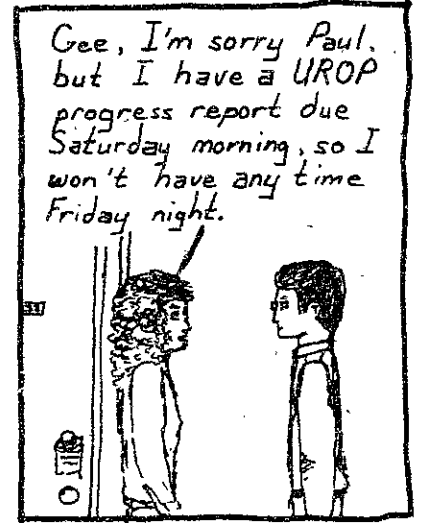
Alan M. Presser G

The Tech welcomes letters to the editor, which should be typed, triple-spaced, and as brief as possible. Unsigned letters will not be published. An author's name will be withheld on request.

Paul Hubbard



by Kent C. Massey



## The Tech

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 Volume 98, Number 62  
 Wednesday, January 17, 1979

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The Tech (ISSN 0148-9607) is published twice a week during the academic year (except during MIT vacations), weekly during January, and once during the last week in July for \$7.00 per year Third Class by The Tech, 84 Massachusetts Ave. Room W20-483, Cambridge, MA 02139. Third Class postage paid at Boston, MA. Non-Profit Org. Permit No. 59720. POSTMASTER: Please send all address changes to our mailing address: The Tech, PO Box 29, MIT Branch, Cambridge, MA 02139. Telephone: (617) 253-1541. Advertising, subscription, and typesetting rates available. ©1979 The Tech. Printed by Charles River Publishing, Inc.

# BSO: Stale Stravinsky & Mendelssohn

**Boston Symphony Orchestra, Joseph Silverstein conductor. Stravinsky Concerto in D For String Orchestra, Symphonies of Wind Instruments; Mendelssohn Symphony No. 3. In concert Jan. 9**

By Joel West

With this series, Joseph Silverstein made his only scheduled conducting appearance of the 22-week season. As concertmaster and thus assistant conductor, one appearance is *de rigueur*; I'm sure even Silverstein realizes that more would be imprudent, at least in light of Tuesday's display.

It would be cruel to say that this latest series has broadened the sections of the literature that I consider Silverstein incapable of conducting. But from an interpretive standpoint, if not a technical one, Silverstein brought little to the evening's program.

Ignoring Silverstein's presence, the programming for the evening was particularly inspired. The playful *Concerto in D* formed a nice contrast with the somber *Symphonies of Wind Instruments*, and the

Mendelssohn provided relief for those who prefer the music of 100 years earlier.

In the *Concerto*, assistant concertmaster Emanuel Borok and principal cellist Jules Eskin were given frequent opportunities to demonstrate their particular talents; in general, the players acquitted themselves admirably. Silverstein, though capable of counting the Stravinskian rhythms (no mean feat) seemed lacking any clear conception of the piece. The cadence of the second movement seemed incongruously tacked onto the end, like a caboose to a Metroliner; the last cadence was merely technically inept.

In the *Symphonies*, bassoon principal Sherman Walt gave an excellent performance in spite of long and frequent exposed high passages demanded of him by the composer. Other than a darkly expressive horn trio, the highlight of the piece was the unintentional propulsion of Silverstein's baton into the audience.

For the Mendelssohn, Silverstein attempted what I believed impossible — to

make me dislike one of the composer's orchestral works. A subsequent rehearing of the "Scotch" symphony (Ricardo Muti/Angel S-37168) confirmed that the fault lay entirely with the conductor, not the composer.

The 1842 work seemed to have retained some of the sterility of Stravinsky's works. With the symphony written near the peak of 19th century romanticism, for a composer who seeks to make the symphony orchestra as expressive as possible, with a piece with such strong programmatic associations, Tuesday's reading seemed particularly lifeless and plodding; the performance was at worst, tedious and at best, uninspired.

In balance, the winds seemed slighted in passages in which they were accompanied by strings, although solos by clarinetist

Harold Wright were given undue prominence. The timpani were also too loud throughout the piece: the modern pedal timpani have a far muddier tone than the timpani of the early 19th century; whatever Mendelssohn may have intended, it is clear that it was not the loud thudding tremolo that frequently marred his melodic messages. The timpanist, presumably assistant Arthur Press, would have to share some of the blame for the performance, which was not up to the usual high standards of principal Everett Firth.

Tonight's Open Rehearsal will feature violinist Pinchas Zukerman in Berlioz' *Harold in Italy*. Silverstein will do what he does best, play the violin, when he joins Zukerman in the Mozart *Sinfonia Concertante*.

## Force 10 never on target

Force Ten from Navarone, based on the novel by Alistair MacLean. Starring Robert Shaw, Harrison Ford, Barbara Bach. Released through American International Pictures.

By Joel West

Watching this World War II adventure is a lot like reading good Chinese poetry in English (almost) everything seems to have been lost in the translation.

All the elements of a MacLean suspense thriller are recognizable: bad guy — now good guy — actually bad guy deceptions; surprise betrayals right and left; the impossibly clever and resourceful protagonist (Robert Shaw). But while some individual portrayals are good, the movie as a whole fizzles out: the one element omitted is the suspense.

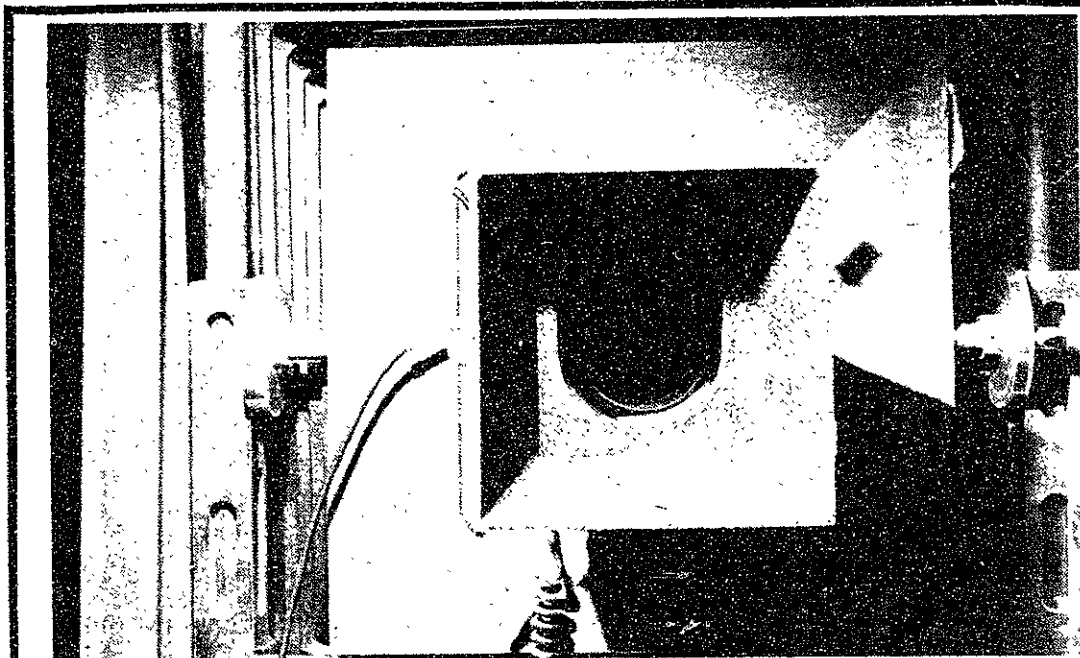
The late Robert Shaw plays the tough Major Mallory, a poker-faced commando with far more humor than Britain's best-known spy export. His foil is Sgt. Miller (Edward Fox) who plays a grown-up version of an incorrigible boy with a chemistry set as he goes around blowing up mountainsides and the like.

Of the other Allies, Harrison Ford seems

positively silly as the leader of the "Force 10" mission. Perhaps unable to shake his *Star Wars* image as a loner, Ford typifies the absurdity of this film when he orders his men to cut into an Allied airfield to steal a bomber for their mission. Along the way, they pick up AWOL Army medic Weaver (Carl Weathers), who jumps into the plane before he discovers that it's bound for Yugoslavia. Weathers, fortunately, is one of two principals (the other Fox) who rarely takes himself seriously.

Richard Kiel, as he was in *The Spy Who Loved Me*, is the one-dimensional oversized antagonist; he may be able to act, but neither movie gave him a chance to demonstrate such talents. Barbara Bach gets even less of a chance than in *The Spy*, though she receives substantial exposure before her untimely demise.

What could have been made into a gripping espionage movie, as was *Where Eagles Dare*, has instead been packaged by American International as merely another entertainment film, complete with saccharin soundtrack. Fortunately, there's no sequel to MacLean's book; they'll have to try their hand with some other story.



The eye of the camera can be a powerful tool in the hands of an artist. This 20 x 24" instant format camera, on loan from Polaroid, has been used by painters Jim Dine and Joel Janowitz during the Hayden Gallery's *Focusing on Faces*. Over 2000 people have viewed the "exhibit," which changes daily; it continues today through Saturday with Chuck Close in residence. (Photo by Joel West)

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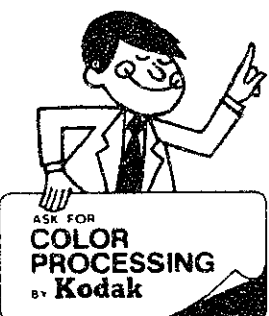
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## arts cont.

# Invasion of the Body Snatchers: Beware of little yellow flowers

**Invasion of the Body Snatchers**, a United Artists release, starring Donald Sutherland, Brooke Adams, and Leonard Nimoy; Directed by Philip Kaufman; Produced by Robert H. Solo; playing at Sack Pi Alley 1-2.

By Shawn Wilson

It is generally known that science-fiction movies are mindless showcases for special effects; that a remake is rarely comparable in quality to a classic original; and that Leonard Nimoy can't play any role that does not involve pointed ears. In weeks to come it will also be generally known that the new production of *Invasion of the Body Snatchers* follows none of these rules.

The effects are used sparingly; they don't overpower the story. The performances are well-handled by Donald Sutherland and Brooke Adams as the Health Department

officials who determine why the citizens of San Francisco are acting strangely, Leonard Nimoy as their pop-psychologist friend, and Jeff Goldblum and Veronica Cartwright, who provide some comedy as a flaming bohemian poet and his wife.

The story opens on a landscape literally of another world. Without a word of narration, we see alien plants lift into space and migrate to Earth, masquerading as seed pods with little yellow flowers. Their plan is a simple one: grow a perfect copy of a human, then dispose of the human. Further elaboration cannot be done without giving away something, and the experience of ones hair standing on end is too exhilarating to miss.

This applies to fans of the original, also. The new *Body Snatchers* is every bit as tense and nerve-boggling as the old, yet it isn't exactly a faithful copy. The changes in

the plot keep everyone where the director wants them.

Philip Kaufman is a high-quality director, but he shows off. His gimmicks plague the first minutes of the film: unneeded closeups of inanimate objects, a bizarre camera angle here and there, or an overemphasized view of the TransAmerica Pyramid, headquarters of United Artists' parent corporation. These reminders of Kaufman's hand are superfluous; his work in general remains taut and professional.

That word, truly, could be used to describe the cast, Michael Chapman's cinematography, Thomas Burman's plant-people, and just about everyone involved. *Body Snatchers* was, and is, the classic horror story.



Leonard Nimoy comforts a terrified Lelia Gordon.



Health Inspector Dr. Matthew Bennell (Donald Sutherland) discovers some strange growth in a friend's garden.

## Rock news for 1979

By Joel West

For those of you unwilling to wait 12 months, here's what the pop scene will bring in 1979:

Tragedy strikes the rock world again this year. In June Al Stewart releases his long-awaited double album, *History of Western Civilization* before a summer tour in the States. The single "Isle of Elba" does well in the U.S., while in Britain World War II nostalgia keeps "Dark Streets of London" at the top of the charts.

However, in November Stewart follows in the footsteps of Buddy Holly and Jim Croce: while on vacation, his plane crashes on a foggy evening in Morocco. Investigation shows that pilot Amy Johnson never saw the landing lights. Arista quickly packages a greatest hits album in time for Christmas, entitling it *Ahead of His Time*.

Boston tries the honest approach with their third album, *Why Not Look Back?* The single "Boredom Feeling" (with an 8-minute C-major synthesizer and drums instrumental) fails miserably. Meanwhile, in the wake of Keith Moon's death, *The Who* attempts to meet its identity crisis head-on with the album *Who Am I?*, a question even devoted fans are unable to answer.

On the Southern California scene, Glen Frey and *The Eagles* follow the lead of colleague Jackson Browne with their autobiographical expose of the innocent pleasures of the recording industry, the album *Flying High*. The magazine *High Times* offers the title single with subscription renewals, while band members find themselves subpoenaed by the LA Grand Jury and the newly revived House Committee on Drug Abuse. Browne's work takes on an overtly political tone in his first studio album since 1976, *Friend of the Earth*.

Here in Boston, *The Cars* sell out the Garden after the release of their second album on Elektra/Asylum, *Southeast Ex-*

pressway. The single "Good N Ready" tops the national charts for 4 weeks, while a red-faced Gov. Ed King withdraws his endorsement of the album after a reporter reads him some of the lyrics.

The Hub gets its fourth major group with the formation of the Brookline-based MBTA. After they are refused by Elektra/Asylum, A&M puts out their debut album, *Colors of the Rainbow*, on the strength of the singles "Red-hot Woman" and "Green with Envy." An August benefit on the Common has only limited success, though the proceeds more than pay the campaign debts of Michael Dukakis.

Linda Ronstadt is left stranded high and dry in the Big Apple. After briefly negotiating with the Ramones, she assembles a group of studio musicians for her album *Heart of the City*. Sales lag until the single "Redneck Love" catapults to the top after her brief affair with Billy Carter.

1979 marks the end of several careers. James Taylor records the single "Cape Cod Cafe" for a forthcoming album while Carly Simon produces her own *Middle-class Matron* before discovering that she is pregnant. After her son Paul is born, she announces her retirement, citing her inability to cope with the pressures of performing. In December she signs a contract to become a women's editor for Simon & Schuster.

Elton John hangs up his piano when he realizes that all his fans are in their 20's. He retires to his estate on Long Island after purchasing the New York Cosmos.

And *The Rolling Stones* finally call it quits when their latest album, *White Trash* fails to offend anyone, though the album sets new sales records after their break-up is announced. As the year ends, Mick Jagger is still negotiating with Robert Stigwood over the details of his first feature film.

## happenings

### AROUND MIT

The Ramon de Los Reyes Spanish Dance Theatre comes to MIT next week, highlighted by a concert in Kresge Tuesday Jan. 23; tickets are available in Lobby 10 or at TCA. The troupe will also be conducting free master classes throughout the week. For more information call Andy Szilagyi, x3-3627.

Institute Professor Emeritus Harold Edgerton will speak Thursday night on the recovery of the Confederate warship *Monitor*; the lecture in 10-250 at 8 pm.

### AT THE MOVIES

The libraries' staff series "Problems of Censorship" brings *Fahrenheit 451* to MIT tonight. The Truffaut film, based on the novel by Ray Bradbury, will be shown at 6:30 pm in '66-110.

This week's LSC lineup:

Dark Star Wed., 7 & 9:30, 26-100.

The Pink Panther Fri., 7 & 9:30, 26-100.

Goldfinger Sat., 7 & 9:30, Kresge.

Wait Until Dark Sun., 7 & 9:30, 10-250

Opening Wednesday, January 10 and continuing until January 30 at Off the Wall will be *Magic Movies IV*, Off the Wall's showcase of the best in new and classic animation.

Heading the list of *Magic Movies IV* is Zdenko Gaparovic's *Satiemania*, a satirical potpourri of impressions abetted by the music of Erik Satie. A tour de force, *Satiemania* won the Grand Prix at the Zagreb International Animation Festival and took Second Prize at Ottawa. James Picker's *Jimmy the C* earned an Academy Award nomination by spoofing Georgia's favorite son. David LeBrun's *Tanka* takes a kinesthetic journey with ancient gods and demons through realms of air, earth, water and fire — the image world of the Tibetan Book of the Dead. John Wokuluk's *Magenta Grey* is an animated psychic experience, the dream state of a singular character who is hurtled spectacularly from one dimension into another.

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# IAP activities varied

(Continued from page 1)  
cross country skiing and is sampling IAP offerings on the sinking and salvaging of the Monitor, and catastrophe theory. Says Berez of IAP, "It's an opportunity to look at MIT as more than just a place to study." He hopes that people who were overinvolved in academics during the term take the opportunity to get involved in other activities.

Thomas Rossi '80 is working full-time, taking a class offered by the math department to prepare for an actuarial exam, and playing bridge.

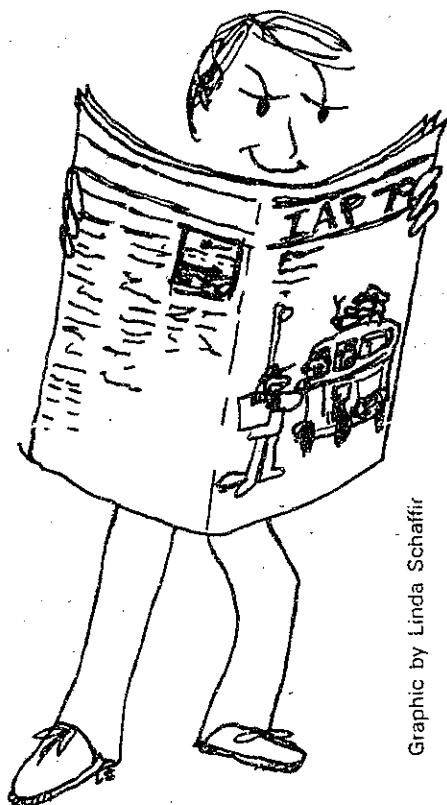
A few MIT students are studying for finals. Audrey Greenhill '79, for example; has one coming up at Harvard in Medieval Russian History. Greenhill's study breaks include skiing and looking for a job. She also plans to hear Ocean Engineering faculty members discuss their work and to visit the Woods Hole Oceanographic Institution.

Doug White '82 and his roommates are playing such games as

Dungeons and Dragons, Diplomacy, and Monopoly. He and Dan Grunberg '82 are entering the math club contest.

Matthew Steele '80 is working on a management UROP project. He explained, "Some guy wrote a program that works on some IBM machine, and I have to make it work on the minicomputer in Sloan."

The Tech Show workshop production sponsored by the Musical Theatre Guild garners much of Jerry Stringham '81's time. He is starting to rehearse for



Graphic by Linda Schaffir

eight to fifteen hours per week. Stringham is also looking into job opportunities for this summer and foreign study possibilities for next year while taking time out for recreation such as swimming and IAP offerings such as one on the big bang theory.

Some students are continuing accelerated calculus sequences with 18.02C or 18.002E; some are "recuperating" or "just existing." But most are happy with IAP however they are using it. Said Dave Taller '82, "You need the break."

# opinion cont.



## China accepts the West

(Continued from page 4)

still prevent urban males from marrying before 28, and women before 25; official policy attempts to limit the number of children per couple to two. Another picture showed a row of women under hairdryers in a Shanghai beauty parlor.

For many years, the Chinese leaders attempted to coerce and encourage young people to live and work in the country. In spite of these efforts, Shanghai has become the world's most populous city, with 12 million inhabitants. It appears that the government has now abandoned its efforts to form an agrarian Leninist state, deciding that the nation needs to follow the developed countries into the industrialized 20th century. Whether one believed that the initial government of Mao Tse-Tung and Chou En-Lai was good or bad, there

can be little disagreement that at present China is moving towards the Western, capitalistic economic system that Chinese leaders spent 30 years denouncing.

The one question left unresolved by Carter's actions is, of course, the future of Taiwan. Unless Barry Goldwater and friends get their way, the U.S. will sever all mutual defense obligations with the island in 1980. But the Nationalists, well-armed and now aroused with feverish patriotism, would be a tough opponent for the mainland forces, whose air force is based on a miniscule number of aging, obsolete MIG fighters.

In fact, Peking has made overtures that indicate that they would prefer a negotiated "unification" to a protracted military battle. The mainland government now has world political opinion squarely on its

side, and with increasing modernization China will be able to bring economic pressures to bear on Taiwan before she can build up her military.

The question I must ask myself is why confrontation should be necessary. The People's Republic has limitless manpower, and appears blessed with vast untapped natural resources; the one thing they lack is a high-technology, 20th century industrial capability.

Taiwan, on the other hand, must realize that their position is becoming increasingly tenuous. With the increasing Westernization of the mainland society, including tolerance of limited political dissent, conciliation between the two factions appears more and more possible. Such a unification would be in the interests of both parties; the resulting nation would soon leap to the forefront of world political, military, and economic power.

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# sports

## Track team falls to Lowell

By Lew Bender

Editor's note: Lew Bender is a member of the varsity track team.

The track team suffered its second loss of the season at the hands of Williams College on Saturday, 72-64. It was a heartbreaking loss for the Beavers as Williams came from behind in the last event to pull out the victory. The loss dropped MIT's record to 3-2 on the season.

The trackmen were competing without four of their regular starters, yet they still were able to give Williams a good battle. As always, MIT had its bright spots in the meet. Steve Sifferlen '78, throwing outside in a blizzard,

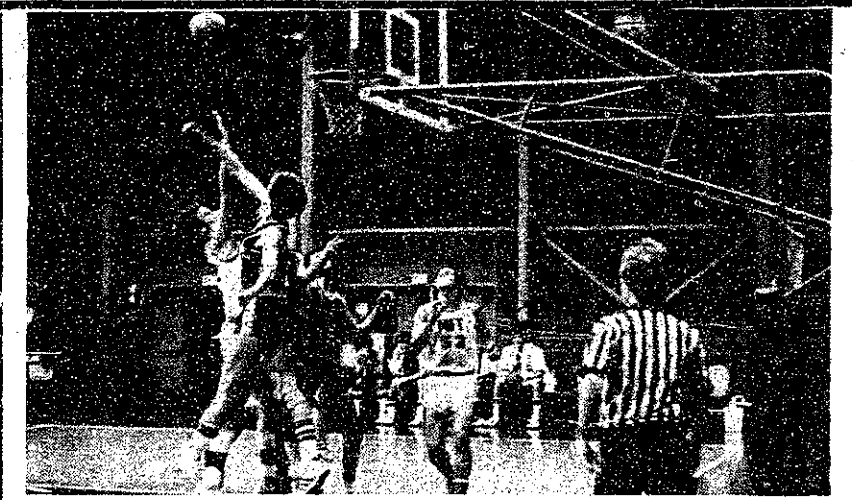
won the 35 pound weight throw (52'8"). Jason Tong '79 led the high jumpers to a sweep of their event with a leap of 6'4". Tong also won the triple jump going 43'1". Eddie Ingenito '78 once again guided the undefeated pole vaulters to a sweep of the event by going 13'0". Ron Adolph '82 won the 440 (53.7) and captain Barry Bayus the two mile run (9.33.4).

The event that was probably the most exciting was the mile relay. After the first two runners, MIT was 20 yards behind. The baton was given to Frank Luedke '79, who pulled a miracle: in two and a half laps he made up that deficit and added a 10 yard lead. The baton was then handed to

"stormin'" Norman Toplosky '80, who kept the lead for MIT to win the event. Although the Beavers lost the two mile relay and the meet, head coach Gordon Kelly was proud of the 100% effort the team gave.

The team showed that they were winners, however, when they returned the Williams mascot, a huge teddy bear. The bear had been lost at the Williams-MIT cross-country meet that fall. Some of the team members found the bear and kept it safe until it could be returned.

The next track meet is Friday night at 7:30 home, in Rockwell Cage.



Although Ray Nagem (52) missed this shot in Saturday's basketball game against Bates, he did end up leading all scorers with 19 points. This was not enough, however, as Bates took the game 47-43 to raise its record to 3-3. The loss dropped MIT's record to 3-5. (Photo by Shawn Wilson)

## Quick goals spur hockey

By Lou Odette

Editor's note: Lou Odette is a member of the varsity hockey team.

It was midway through the second period Friday night when MIT hockey finally returned from the Christmas break. Losing 2-0 to Clark University and battling zero on several power play chances, the Engineers came alive at last with a goal by Scott Schwartz '81. Less than a minute later, scoring leader Al Strong '80 pumped in two goals eleven seconds apart to complete the comeback as MIT won 4-3.

If Clark was shaken by the turnaround it covered up nicely, responding in kind as MIT started to skate, break out of its



MIT's hockey team defeated Clark University last Friday night, 4-3. (Photo by Gordon Haff)

zone, and apply the pressure, including a check by Rick Bryant '79 that put his man virtually out of the rink.

As the officials tried to keep things from getting out of hand, both sides had many opportunities to test their ability to kill off power plays. It was a third

power play goal by Duane Horton '81 that proved to be the winner, as MIT upped its record to 4-2.

Earlier in the week MIT defeated Quincy College, 9-3 at Quincy, on two goal performances by Al Strong, Rick Bryant and Duane Horton.

### on deck

**Wednesday**

Women's fencing vs. Concord Carlisle ..... 7pm  
Hockey at Gordon ..... 8pm

**Thursday**

Women's basketball vs. Pine Manor ..... 6:30pm

**Friday**

Track vs. Lowell ..... 5:30pm  
Women's swimming at Northeastern ..... 7pm  
Men's swimming at Boston College ..... 7pm

**Saturday**

Men's basketball at Bowdoin 4pm  
Gymnastics vs. Dartmouth 2pm  
Hockey at University of Southern Maine ..... 9pm  
Wrestling at Amherst ..... 1pm

**Tuesday**

Women's basketball vs. SMU ..... 7pm  
Women's gymnastics vs. Bridgewater ..... 7pm  
Squash at Trinity ..... 7pm  
Wrestling GBC at Boston University ..... 7:30pm



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