

in the news

INSIDE

Pink Floyd has just released its first record album in more than a year and a half. *Animals*, combine exciting instrumentals with lyrics related to the theme of Man's animalistic behavior.

p6

INSTITUTE

Carl Kaysen, MIT Professor of Economics, is being considered for a "senior position" in the Carter administration. *The Boston Globe* reported yesterday. Kaysen, who served as an advisor on national security to President John F. Kennedy, could not be reached for comment.

A small trash fire broke out Wednesday afternoon in the Student Center freight elevator shaft. The Cambridge Fire Department responded, and put the fire out without difficulty. No alarm was sounded in the building.

The MIT Symphony Orchestra has released a recording which includes Aaron Copland's "Dance Symphony" and a suite from Walter Piston's "The Incredible Flutist." The album, on the Vox/Turnabout label, is the first in the group's history.

The Committee on Engineering Education has proposed the institution of "schoolwide electives" to the curriculum. These courses would "transcend departmental boundaries in content, method of instruction, and student interest," said the Committee in a report to the Engineering faculty.

NATION

The city of Buffalo, N.Y. rediscovered its asphalt streets Wednesday when post-blizzard clean-up operations finally began. The city was placed in a state of emergency, and clean-up began when air-lifts brought in plows and tractors from New York and from various military bases around the country.

Decriminalization of marijuana in New York has become a reasonable possibility now that State Senate Republicans have eased their opposition, according to *The New York Times*. Among the reasons cited for the changing attitudes: politicians do not have to worry about getting re-elected until at least 1978.

Former MIT student arrested in Nashua

By William Lasser

A former MIT student was one of six persons arrested while circulating petitions against the Seabrook nuclear power plant Monday afternoon in Nashua, New Hampshire.

Wayne Christian '73 and five other members of Boston Clamshell, an organization which opposes the construction of the Seabrook plant, were charged with criminal trespass when they refused to leave the area outside a New Hampshire State Liquor store after being ordered to do so by the police.

A person is guilty of criminal trespass, as defined by New Hampshire statute, "if, knowing he is not licensed or privileged to do so, he enters or remains in any place in defiance of an order to leave or not to enter which was personally communicated to him by the owner or other authorized person."

The six were arraigned in Nashua and transferred to the Hillsborough County Jail in Manchester. They were released Tuesday afternoon on \$200 bail each.

The group traveled to the Nashua store to protest the placement of petitions favorable to the controversial power plant in State liquor stores. Christian described the ensuing events as follows: the group asked the manager for permission to solicit signatures for their petition. After he refused

their request they began to collect signatures outside the store. The police arrived soon after, and the group did not resist arrest, Christian said.

"I am outraged by the flagrant violation of fair play by [New Hampshire Governor Meldrim] Thompson in placing his petitions in State liquor stores and in intimidating employees into soliciting signatures," said Christian.

"I am further outraged," he added, "that the Nashua City Police had the audacity to arrest people peacefully soliciting signatures and to keep them as political prisoners for 24 hours."

A spokesman for Governor Thompson told *The Tech* that the governor had informed state liquor store employees in a statement that "there is no coercion involved in my request [to solicit signatures in favor of the Seabrook plant] and you don't have to solicit signatures if you disagree with me."

The spokesman explained that the governor had nothing to do with the arrests, terming the incident a "local matter." A Nashua police official refused to comment since the case is pending in the courts.

Christian declared in an interview that the group had gone to the liquor store with the knowledge that they might be arrested if they refused to leave when asked. "We had heard that others had been threatened with



Wayne Christian '73 is one of six arrested Monday in Nashua, N.H. for soliciting signatures for a petition against the building of the Seabrook Nuclear Power Plant.

arrest for circulating petitions similar to ours," he maintained. "Our immediate concern was one of preserving our Constitutional rights."

In a statement issued after their release from custody, the six declared that they had been arrested "while exercising our rights as citizens to free speech and to petition our government."

Steve Hilgartner, a spokesman for Boston Clamshell, insisted that the arrests "were political in nature," charging that "Governor Thompson seems to view the

police and the state liquor store as tools to further his political ends."

The maximum penalty for criminal trespass in New Hampshire is a fine of \$1,000 and imprisonment of up to one year. The six defendants will be represented by lawyers provided by the American Civil Liberties Union. Christian indicated that, although no firm decision had been made, it is likely that the group would sue the State of New Hampshire for monetary damages.

Credit for humanities: 9 units or 12?

By Stephen Besen

The question of whether humanities courses should be increased across the board from nine to twelve units is currently being considered by the faculty.

Representatives of several committees and departments have expressed an interest in the issue, but they indicated uncertainty as to who would make the final decision.

The Committee on Curricula (COC) usually deals with all requests to increase the credit given for current courses and assigns the units for new courses. In the last year many humanities and social science professors have requested that more units be given for their courses.

Professor Eugene Covert, chairman of the COC, said he feels that "the increasing number of requests to change subjects from nine to twelve units presents problems... if all humanities courses were upgraded, it could influence the elective freedom of students."

Associate Dean of the School of Humanities and Social Sciences Donald Blackmer said that the criteria for changing the credit value of courses is "highly arbitrary" at present.

Professor Leon Trilling, Chairman of the Committee on the Humanities, Arts, and Social Sciences Requirement (HASS), terms the present situation an "artificial issue" stating that the real issue may be "what the minimum exposure to humanities ought to be."

President Jerome B. Wiesner

said that the problem is a "faculty matter" that "falls within the area of responsibility of existing committees." Covert, whose committee has authority to deal with the situation said that the COC is an "overseeing rather than problem solving committee" whose job it is to "set guidelines."

Trilling said that the HASS was asked to recommend action on the credit change requests. The committee has not yet agreed to do so, but if they find it appropriate the committee will try to "keep things orderly until a

new committee can report to the faculty," according to Trilling. He insisted that his committee would not be involved in the formation of a new long-term solution.

According to Blackmer, the best solution for his department may be to eliminate MIT's present unit system entirely and replace it with a simpler system which would give credit for "full courses" or "half courses."

He feels that humanities and social science professors are at a disadvantage in dealing with the

present system, because it is harder to assign a numerical value for work done in a humanities or social science course than in an engineering or science course.

Although there is no official moratorium on the upgrading of credit units in humanities and social science courses, the HASS and COC are discouraging new requests. Covert stated that there are "no imminent changes of great nature." However, Wiesner stated that it "is not a healthy matter," it is an emotional issue which needs a solution.



Penny Berman '80 is one of many APO workers who helped on Wednesday to make this spring's registration one of the smoothest ever run

Lee Lindquist

Police Blotter

(The Police Blotter is a report written by the Campus Patrol on crimes, incidents, and actions on the MIT campus each week.)

Equipment Stolen

An office telephone and hand dictator unit were reported stolen from a Main Complex area on the first of the month by a faculty member who had been away for five days. Investigators found no sign of forced entry into the area, which is always kept locked.

Stolen Intercom Recovered

In an incident possibly related to the one outlined above, an intercom unit was reported stolen from its wall mounting bracket outside a Main Complex office on Monday. Investigators recovered the unit a short time later not far from the site of the larceny.

IBM Selectric Vanishes

An unsecured, unbolted IBM Selectric typewriter was reported stolen from an East side building overnight early this week. The machine, valued at well over \$500, disappeared from an area which, although kept locked, bore no signs of forced entry.

Suspicious Person

Workers and residents of the East Campus area are advised of the recent presence in their area of the following described subject, who is believed to have no connection with MIT yet poses from time to time as a student, a staff member, and most recently as a "janitor's assistant." Spotted by a faculty member in the area last Thursday, he was described as follows: Male, 27-29 years, 6 feet tall, slender build, short hair,

wearing brown pants and a blue jacket with a "U-Haul" emblem on the front. Anyone spotting this subject is requested to contact Headquarters (x3-1212). Officers will promptly respond.

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Campus Police would like to learn whether any students have undergone National Registered Emergency Technician training. If so, a call to Headquarters would be appreciated on the business line x3-2997.

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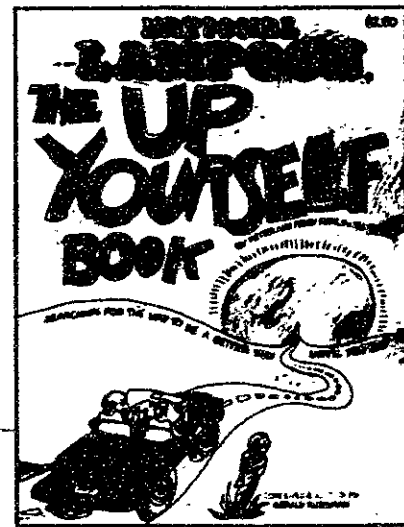
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Interview

Clem discusses DNA work

Cambridge City Councilor David Clem has been involved with the problem of controlling recombinant DNA research since the council voted its moratorium last July. He is now sponsoring an ordinance that would allow the research under guidelines recommended by the Cambridge Laboratory Experimentation Review Board. The Tech spoke to Clem last Friday. Excerpts of the interview follow; more will be published in the next issue.

The Tech: The National Institutes of Health [NIH] made up their review procedures before you began your hearings. Why did you believe at that time that more study should be given to the issue beyond the work done by the scientists themselves?

Clem: At the time, I was not aware that the NIH had gone through such an extraordinary process in developing guidelines. I was also not aware [of what was in many ways] an unprecedented move by the scientists themselves to call for a voluntary moratorium in order to develop NIH guidelines — I simply had no knowledge of that.

However, it became clear after receiving several letters, copies of articles, and phone calls from a variety of members within the scientific community that the issue was not completely resolved within the scientific community, that there was still significant, if only minority, opposition, to the NIH process.

It is also true that the NIH guidelines themselves were not released until we had the first public hearing before the Cambridge City Council. We were not privy to that report, nor to the results of that process until the night of our first public hearing. ... I was concerned that the scientific community was, in effect, regulating itself, and I felt then, as I do now, that the potential for conflict within an agency such as NIH, that is charged not only with promulgating the research but also regulating the research, ... is such that there ought to be an independent regulatory authority.



Cambridge City Councilor David Clem.

It became clear after the first hearing, ... that [the NIH was] aware of the potential for conflict of interest. They were not particularly comfortable with [that situation] and they did not want to regulate it. So I felt it important at the time that we commission some type of independent view of that guideline process, and that that independent view be that of a lay citizen as opposed to

(Please turn to page 5)

ORIENTATION '77

The MIT Community is invited to an orientation party starting at 8pm on Saturday, February 5, in the Walker Memorial. The event, sponsored by the Graduate Student Council, is the highlight of the Spring '77 graduate student orientation activities. Admission is free, live entertainment will be provided by "Eastern Reunion", and refreshments will be available at nominal cost. Please call x3-2195 for further information.

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Marie Augusta Neal, S.N.D., Ph.D.
Marie Augusta Neal is Professor of Sociology at Emmanuel College and Visiting Professor of the Sociology of Religion at Harvard Divinity School. Her topic deals with the global inequalities in the distribution of resources.

- 13 MEDICAL TECHNOLOGY**
Stanley Joel Reiser, M.D., Ph.D.
Stanley Reiser is Director of the Program in the History of Medicine at the Harvard Medical School and Co-Director of the Harvard Interfaculty Program in Medical Ethics. He is author of the forthcoming *Medicine and the Reign of Technology*.

- 17 COMPUTATION AND THE RE-CONSTRUCTION OF REALITY**
Joseph Weizenbaum, Ph.D.
Joseph Weizenbaum, Professor of Computer Science at M.I.T., is the author of ELIZA, a computer program for natural language communication between human and machine. Recently, he has turned his attention to the relationship of computation to culture and society, and is the author of *Computer Power and Human Reason*.

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opinion

Freedom of speech: at times a bitter pill

By William Lasser

The bachelor in Don Quixote remarked that "there is no book so bad but something good may be found in it." Conversely, Ralph Waldo Emerson once wrote that "Books are the best things, well used: abused, among the worst." These two conflicting sentiments are at the crux of a controversy which has raged for the past two weeks at Northwestern University and around the world.

The dispute involves the case of Arthur R. Butz, associate professor of electrical engineering at Northwestern, MIT Class of '55, holder of three degrees from the Institute. On Jan. 14, *The Daily Northwestern* reported that Butz had written a book, entitled *The Hoax of the Twentieth Century*, which claimed that the Nazis did not exterminate millions of Jews during World War II. Butz, who has had no formal training in either history or any other field of social science, wrote that the "legend" of the concentration camps "is a concoction of the Zionist movement."

Northwestern announced on Jan. 17 that no action would be taken against the tenured professor, as University Provost Raymond W. Mack asserted that Butz "has the same right as any other person to get published." The faculty circulated a petition expressing "disappointment" at the book's publication.

Within two weeks, the issue became a major story, and the University administration, spurred on by coverage in the national press, finally reacted. "No informed person could take seriously the allegation that Northwestern University is supportive of anti-Semitism," Mack began in an official statement on Jan. 26. He called the Butz thesis a "contemptible insult to the dead and bereaved," and he declared that the affair was not "an academic freedom issue."

here and now

The right to publish what one writes is "available to any citizen of the United States under the First Amendment," he continued, concluding that "it is a shame when the right is used to insult survivors of concentration camps."

The next day, the floodgates burst open. Alumni, students and faculty attacked Butz in letters to the *Daily*. Hundreds of faculty members signed a full-page advertisement in the paper expressing "sorrow and outrage" at the Butz book, and "disappointment" at the University's official reaction. A *Daily* editorial condemned the Mack statement for "addressing the repercussions of the book — what damage this publication might do to the reputation of NU — not the contents of the book or the moral outrage of the NU community."

Liberals and civil libertarians, recalling the horrifying burning of books by the Nazis, are faced with weighing a demand for intellectual, moral and academic integrity against a deep respect for the principles of the First Amendment and all it stands for.

The First Amendment does not and never did offer a blanket right to every citizen to say whatever he would like. "Congress shall make no law abridging freedom of speech," it says simply, but, like every seemingly straightforward Constitutional statement, it has been open to interpretation and limitation by the Courts since it was written. For example, no one can legally shout "Fire" in a crowded building, if there is no fire, or publicly label another with malicious intent.

But, as objectionable and irresponsible as the Butz statement is, can we declare that he has no right to write the book, publish it and defend it? Can one intensely concerned with the preservation of our natural and constitutional rights, sickened by the Butz incident, allow himself to deny another the rights which he so jealously guards for himself?

We are faced with a situation which resembles that of the liberal who loves humanity but can't stand his next-door neighbor. As much as one cherishes the ideal of free speech, one can not help but feel a deep desire to deny it to someone with such dangerously obnoxious ideas.

Butz's book is among the worst of things, for the great right of free speech has been abused. But some good can be found in it; it teaches us that we must allow those with obscene and maniacal ideas to publish, as much as we are repulsed by their writings.

Many terrible thoughts will be proliferated before a legitimate new idea is expressed. It is therefore necessary to at least momentarily consider each new one before rejecting it. "Every idea is an incitement," wrote Justice Oliver Wendell Holmes, and when "anti-Semites, racists and lunatics attempt to spread their inhumane falsehoods, it is an incitement for us to attack their work ruthlessly, using all our influence to set the facts straight. That is academic freedom."



Boston city charter reform

By Tim Buehrer

Next Wednesday, the Local Affairs Committee of the state legislature will take up the Boston city charter revision as proposed by Mayor White and the city council. Because of the Mayor's campaign to limit citizen group involvement in the decision-making process at the city level, the state committee session will finally allow the public to have a significant amount of influence on the plan, and will force the mayor to defend it against the many complaints which have

The other main flaw in the proposed plan is the city council reorganization. The increase in number, a carrot hung out in front of the city council to gain their support, is a good idea because it will increase the chances for minority representation. But the council was hypocritical in its decision to elect council members on an at-large basis. Why should the city council be elected at-large when the school committee is elected from districts to make it more representative? Mayor White has said that

mayor, allow him to respond to the city's problems.

As pointed out earlier, the proposed school committee changes are all very good. The strengthening of the position of superintendent of schools will make the superintendent more able to manage the school system and allow the school committee to concentrate more on the quality of education in the Boston school system than on the day-to-day workings. The control that the Mayor would gain over the school committee budget would help him to be able to control the tax rate of the city far more effectively than he has been able to do in the past.

perspectives

been levied against it.

As the plan currently stands it would accomplish five major changes in the present system: 1) It would increase the number of city councilors from 9 to 13, all elected at-large. 2) It would provide for the partisan election of the mayor and the city council. 3) It would increase the number of school committee members from 5 to 15, elected from districts. 4) It would set up a strong superintendent of schools by making him responsible for managing the school system. 5) Finally, it would eliminate the near fiscal autonomy of the school department by requiring its budget to be approved by the mayor and city council.

The major difficulties associated with this plan do not arise from the school committee reorganization but from the changes dealing with the city council and the mayor. The first problem is that because of the partisan election of the mayor, and the additional power he would acquire over the school department, Kevin White might become the next boss of Boston. With the political organization that White has been setting up in the city since the last election, it would be easy for him to win the Democratic nomination in a large field. If his sole opponent in the general election were to be a Republican, he would then have no trouble securing himself the mayor's office for as long as he wanted.

This may not occur, however, because a strong democratic opponent could run as a progressive independent, making it a three way contest in which the Republican candidate might draw enough votes away from White's strength in Republican areas to swing the election to the independent.

"the neighborhoods need representation on the school committee but I think the city still needs a city-wide elected body". He is correct about the school committee. In the past 20 years half of the school committee members have come from just 4 of the city's 22 wards and there have been no blacks or hispanics on the committee. The city council, however, should be elected by districts also. That would allow the same neighborhood representation as on the school committee and would still, because of the power of the city-wide elected

Commentary

Snow removal poor

By David B. Koretz

Have you recently walked along the ice-covered path from the west-campus dormitories towards the Institute, or, perhaps, from the Student Center towards Mass. Ave., and inwardly marveled at the "prodigious efforts" of MIT's Physical Plant workmen in keeping the grounds clear of snow and ice?

Have you wondered, within the last month, why the footing from the western end of Amherst Drive to Mass. Ave. has been so limited as to be extremely dangerous, your \$6000+ in annual payments to the Institute notwithstanding?

Last Wednesday, *Tech Talk*, the publishing arm of the MIT News Office, printed a caption under a photograph of snow-removal operations that congratulated the Institute's groundsmen, *et al*, for their fine work, and pointed to this winter's unusually large snowfall as an excuse for any lagging in the clearing of walks, roads, and lots.

The walkway from Tang, Westgate, and the other dor-

mitories has been covered with about two inches of treacherously slippery ice since the snow and rain fell in very early January, and only quite recently has the ice melted in any great quantity. The sidewalks, as well as the path from the Student Center, were left unsalted, unsanded, and untouched for weeks while slipping and sliding became the expected mode of walking for many students.

I have not, as you may have noticed, referred at all to the streets themselves; they have been down to the ground since two days after the storms ended. For this reason, it should be obvious that MIT can do the job. It is simple negligence that this safety hazard and major inconvenience has long gone uncorrected.

In the photo caption, attention is called to the "50 people [who] have been involved in the effort." It seems that MIT has forgotten to include the thousand or more students who have done their small part by wearing the ice down and chipping away at it bit by bit.

The Tech

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Federal DNA law needed

(Continued from page 3)

a scientist doing the research.

The Tech: About the Cambridge Laboratory Experimentation Review Board [CLERB], do you feel that they accomplished their task of actually determining the safety of the research or have they just added on a machinery for control of it in their regulations?

Clem: Well, I don't believe that the Laboratory Experimentation Review Board accomplished any more than the NIH did in being able to quantify what the health hazard is. . . I don't believe that they have decided concretely that no health hazard exists. What they have done from their perspective as citizens of

Cambridge is to satisfy themselves that a great many scientists and individuals have worked very hard to safeguard against any potential risk, and they have agreed in effect to share in the decision-making.

The Cambridge community at large, I believe, has a right to be informed of the types of research going on within its environs, and I think they ought to be involved in a decision-making process to determine whether they are willing to accept certain risks. I think the Laboratory Experimentation Review Board by its very intensive work came to grips with a tough issue, admitted that it could not definitely cite specific health hazards or predict necessarily

what would happen in a P3 laboratory, but they were sufficiently satisfied that safeguards had been promulgated and that protection could be afforded to the Cambridge citizen for the majority of all risks with additional guidelines. I think that [their] additional guidelines actually improve the NIH guidelines substantially.

They also concurred in my earlier belief that regulation had to be apart from the NIH and that it needed to be at the federal level as opposed to the local level. They recognized they had no power to implement that, and suggested that the City Council involve themselves in a substantial lobbying effort to make the federal government live up to their responsibilities, and I think I certainly intend to do that, and others on the Council do as well.

(to be continued)

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Laser musical *Lovelight* interesting despite flaws

By David B. Koretz

Lovelight is billed by its producers as the "world's first laser musical" and as "a unique entertainment experience." While it is both of these and an amazing technical achievement as well, it is simply not very good.

Lovelight is a forty-minute production combining abstract and semi-abstract images drawn with laser beams with a loud jazz-rock musical score belted out by Bose speakers. The show is presented on the dome in the Hayden Planetarium at Boston's Museum of Science six nights a week.

Interscan, the Cambridge-based group which produced *Lovelight*, pretentiously and arbitrarily divides the program into three acts. The first of these, "Earthlight," runs the gamut of our planet's history from the primeval dawn through Greek civilization, complete with diagrams of Pythagoras's triangle. Here the high point of the show's creativity is reached, the only place where the pseudo-imagery is effective.

The second act, "Spacelight," begins with a silly voice-over — done in part by WCOZ's Lisa Karlin — talking about leaving the galaxy and being "in a different infinity." The ten-minute segment features a score that sounds like Blood, Sweat and Tears with Tom Jones singing. Here, as throughout the production, it is apparent that Interscan could have done better than the mediocre local musicians thrown together in this package, perhaps using more well-known contemporary music. For "Spacelight," the "Starship" side of Kantner and Slick's *Blows Against the Empire* comes to mind immediately as matching the content perfectly.

The third and last act, intended to be the climax, is titled "Lovelight," and tries to briefly touch upon various human relationships. One of the most beautiful scenes of the whole show is in the "Narissus" scene, in which reflections in a shimmering pool appear and are then disrupted repeatedly.

Again, the soundtrack in this last segment severely limits the enjoyment of the production. As the images blend into ones of friendship and love, the music should run softer, not, as with *Lovelight*, harsher. The struggling band sounds much like Carole King and a gospel choir backed up by Kiss.

As a work, *Lovelight* lacks continuity on all levels. The three acts, although shown as a unit, do not follow logically or artistically, as each segment has its own theme, its own visual imagery, and its own musical composition.

Although many of the laser-driven forms are drawn or are faded onto the dome gracefully, many of them vanish suddenly, breaking the created effect. In a similar manner, the melody is abruptly changed, without a gradual fadeout or lead-in.

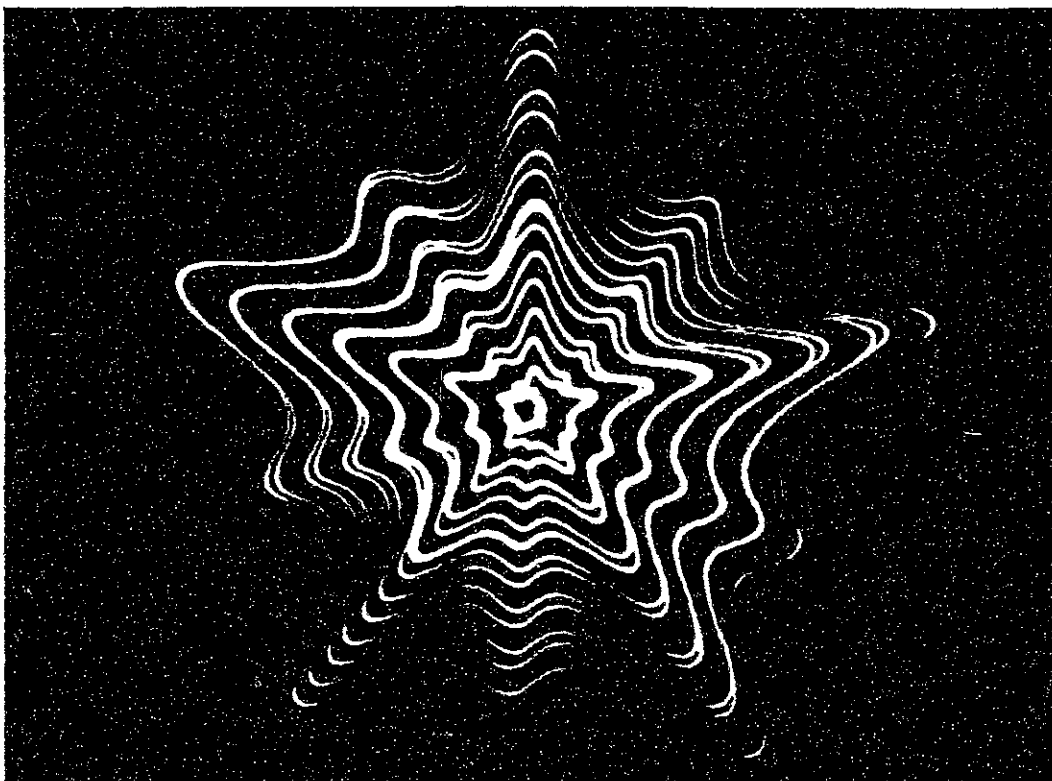
While these defects may seem minor in a technical achievement of this magnitude, they detract from the enjoyment of the audience. The best way for one to enjoy a presentation like *Lovelight* is to lie back while in a semi-conscious state.

A major hindrance is the unusual set-up of Hayden Planetarium, although it is clear that such a brilliantly projected show does belong on its domed "screen," the planetarium's seats do not rock or slide back. As a result, those who are placed in the inner rings of seats are forced to crane their neck domeward during the entire performance, a very uncomfortable experience, as well I learned.

In spite of all these technical and aesthetic flaws, *Lovelight* is well worth seeing, if only because it is the first show of its kind.

The laser effects are indeed tremendous, and a more carefully written script, as well as a more professional musical score, would have provided a remarkable show.

An unusual kind of presentation, *Lovelight* is beautiful and breath-taking. This new type of multi-media show should soon gain a large following — if not only among light-show cultists — among a wide variety of theater-goers.



Record Review

Animals: slick Floyd

By Robert St. James

Animals — Pink Floyd (Columbia)

Pink Floyd is by no means the most prolific rock group in the recording industry. *Animals*, their newest album, proves again, however, that their work is almost without equal.

Animals, Pink Floyd's first new release in almost a year and a half, is a superb musical accomplishment. Consisting of five songs, the album is aesthetically and technically splendid. The instrumentation is excellent, exercising a good balance in the use of both acoustic and electric guitars. The vocal mix is consistently crisp and clear. Throughout the album there is also fine, but not overdone, utilization of animal sounds — both real and simulated by instruments.

Although the entire album is superior material, the song "Sheep," on the second side, stands out. The blending between the vocal and instrumental tracks is a truly magnificent achievement.

In keeping with its title, the album

revolves around animal-related themes. Serving as prelude and epilogue are parts 1 and 2 of "Pig on a Wing." This gave rise to the promotional campaign launched in Europe to publicize *Animals*' release. A 50 foot, pink, pig shaped balloon served as a tangible "Pig on a Wing" in order to publicize the album's release. A picture of the balloon also appears on the cover of *Animals*.

The foundation of the animal theme is in the lyrics. "Dogs," which takes up all but a minute of the first side, likens the behavior of dogs with the occasional canine behavior of people. "Pigs (Three Different Ones)," makes a similar comparison.

Many of the guitar riffs on *Animals* are reminiscent of *Wish you Were Here*, released in the fall of 1975, and the 1973 *Dark Side of the Moon*, especially in the longer, instrumental sections.

These albums are the only three Pink Floyd has recorded in the last five years, but considering the excellence of *Animals*, it is surely worth the wait.

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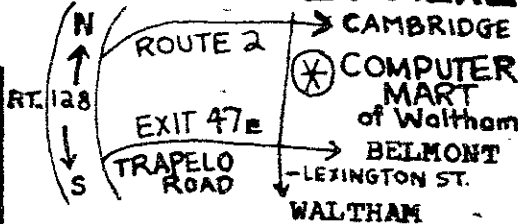
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Hockey hits January skid

By Tom Stagliano

The Hockey club enters Saturday's game against Bates posting a 7-4-1 record.

This is the best midseason showing by the Beavers in several years, but is a let-down from pre-Christmas expectations. The skaters broke for vacation with a 4-1 record racking up wins against B.C. Law School, Tufts, Bunker Hill and Gordon and a lone defeat at the hands of the Massachusetts College of Pharmacy. Then, with a late IAP practice schedule, delayed by the January snow storms, the Beavers went 3-3-1 during a sixteen day period, culminating in a 3-2 loss in a rematch against Tufts last Tuesday.

The IAP matches started with a wild 7-5 free-for-all victory against Clark University. The game saw 22 minor penalties called against the two teams, resulting in six power play goals, most of the game being played in a man down situation. Dave Tohir '79 of MIT and Clark's Mike Paska, traded hat tricks during the game and the teams traded punches in an end of the match scuffle. A highlight of this game was the return of forward Frank Scarabino G to the Beaver ranks. Scarabino scored the winning goal against Clark.

Venturing north after the Clark fireworks, the Beavers went stone cold. In arctic conditions on an outdoor rink, MIT suffered a 4-0 shut out by Gordon College.

The following evening brought the Massachusetts College of Pharmacy to Brigg's Arena for a rematch. Beaver goalie Paul Estey G recorded 23 saves and forward Ken Mortensen '77 pumped in two goals, leading MIT to a 4-1 victory. This taste of victory was savored the next night also, as the Beavers traveled to the University of Maine at Portland. Leading 5-2 entering the third period, the

Beavers surrendered two goals in a 52 second span to send the Maine fans into a frenzy. MIT clung to the one goal lead, as goalie Dan Corta '78 stopped two last minute breakaways to clinch the victory, the first road trip win in over five years.

The Beavers then entered a three game slump, losing to Plymouth State 4-3 and to Tufts 3-2 and tying Fitchburg State 2-2. Against Plymouth State, the Beavers came from behind to knot the game at 3-3, but a newly formed penalty killing team surrendered the last minute game-winner. At home against Fitchburg the Beavers allowed the Falcons to slip through their grasp, coughing up two goals in nine seconds to give Fitchburg State the tie. Beaver goalie Estey turned in a sterling performance as he gloved, kicked and smothered forty Falcon scoring drives. The final blow came when the Beavers played Tufts, managing to clench defeat from the jaws of victory. Armed with a 2-0 lead, the Beavers allowed the Jumbos to come from behind and win at

18:43 of the third period. With seven seconds remaining, Tech defenseman Greg Coutts '77 found himself uncovered in the deep slot, but the Jumbo goalie thwarted his last-second attempt with a fine glove save. MIT had pulled goalie Estey with 45 seconds remaining on the clock, but the Beavers could only win one of six face-offs as the Jumbos successfully protected their lead.

The MIT team is presently being led by center Tohir with nine goals and seven assists, defenseman Al Strong '80 with eight goals and three assists and left wing Mortensen with six goals and six assists. In the nets, goalies Estey and Costa have teamed for a sizzling 3.0 goals-against average, one of the best in Division III hockey. The team has the talent available as they prepare to face the meat of their schedule against Bates, Curry, Assumption and Nichols; however, Coach Pecknold must help the Beavers overcome their third-period doldrums in order to capture a winning season, the first in over ten years.

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For further information, contact Robin Reestra at 646-7754 (253-3649) or Connie Cotton at 253-4784.

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sports

Bowdoin nips cindermen

By Dave Dobos

After trouncing Colby 78-35, the MIT indoor track team suffered its first loss of the season 59-54 in competition at Bowdoin last week. The Beavers now stand at 7-1.

In Wednesday's outing, the thinclads had little trouble extending their perfect season. MIT athletes captured nine of twelve individual events, including five of six running contests. As usual, senior Rich Okine, the team's leading scorer, broke the tape in the dash and hurdles.

The Beavers swept three events. Okine and freshmen Jim Turlo and Steve Adams shut out Colby in the hurdles. Three of the varsity cross country squad won it all in the mile. Senior co-captain Frank Richardson took the race in 4:20.0 followed closely by Chris Svendsgaard '78 and Dave Westenberg '80. The 1000 yard team of John Dillon '78, John Reeves '77, and Dan Goode '80 also contributed a 1-2-3 finish.

Other good performances were junior Steve Sifferlen's fine 35 lb.

weight toss of 52'4", the 1-2 finish of Barry Bayus '79 and Frank Kenney '78 in the two mile, and Turlo's second place finishes in the hurdles, high jump, and long jump.

The Bowdoin meet proved to be the expected evenly-matched contest. The score was tied at 54 going into the last event, the mile relay. The Beavers led throughout the first three legs of the race before Bowdoin All-American Billy Strang, who had already won two races that day, caught his MIT opponent in the final 440.

Turlo, enjoying his best day ever for MIT, scored 13 points, with wins in the long and high jumps and a second in the hurdles. Two-miler Richardson set a Bowdoin cage record with his

clocking of 9:19.0 in that event. Turlo, Reid von Borstel '78, and Jason Tong '79 swept the high jump as did Okine, Turlo, and Adams for the second time in a row in the hurdles.

The Beavers were plagued with a few unfortunate circumstances that could have meant a different outcome in the final score. Sophomore 600 runner Jim Dunlay was boxed in by his Bowdoin adversaries during that event.

The Beavers lost other points due to the absence of jumper-dash man Kwaku Temeng '80. Another blow to the Beavers was weight thrower Sifferlen's fouling out in his event.

This weekend, MIT competes in the Greater Boston Championships.

Dieken smashes swimming record

By Gregg Stave

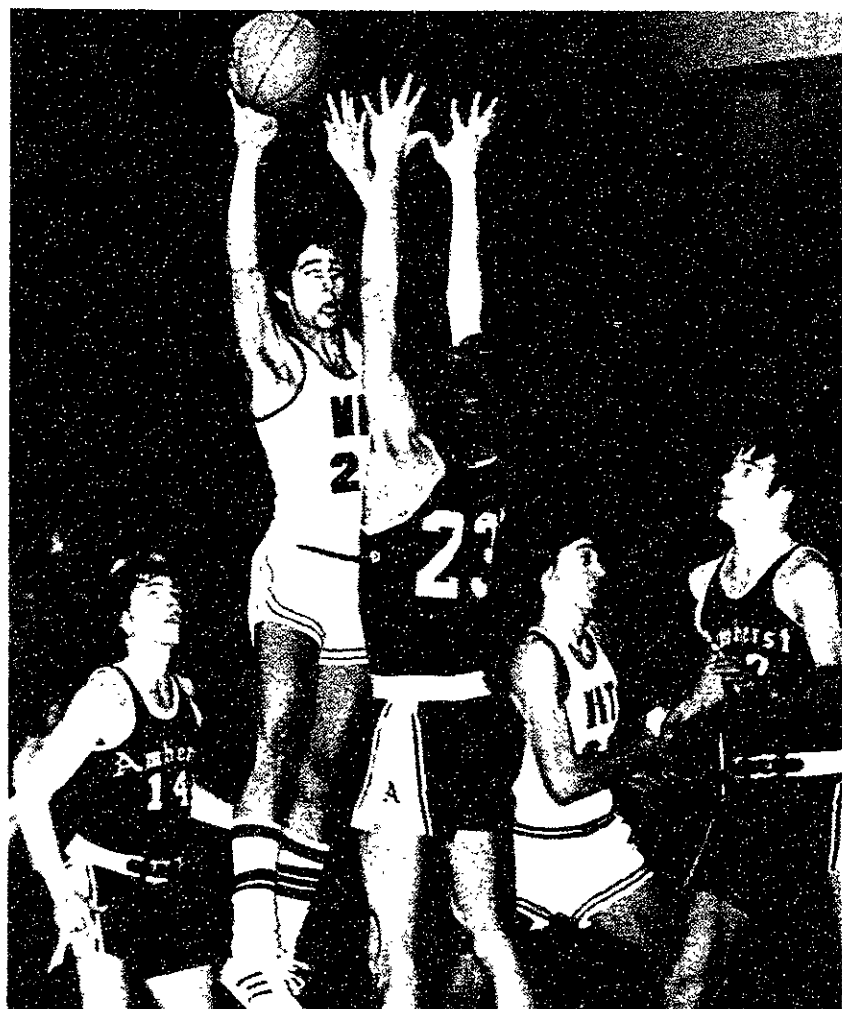
After being overpowered by Tufts, 69-44, last Wednesday, the MIT swim team rebounded to edge WPI, 62-51, and trounce the University of Lowell, 83-30, in a tri-meet this past Saturday. In the process, freshman John Dieken shattered a school record and Jay Colbert of Tufts set two Alumni Pool records.

Even though the Tufts meet resulted in the Beavers only loss so far this season, the contest produced several memorable races. In the 1000 yard freestyle, John Dieken and Jay Colbert dueled for the entire forty laps. At the finish Colbert clocked a 10:31.6 for a new pool record and Dieken swam a 10:32.4 smashing the old MIT mark by an amazing 21 seconds. In the 500 yard freestyle, Colbert squeaked by Dieken again but the margin of victory this time was measured in hundredths of a second. While Colbert picked up his second pool record with a time of 5:04.70, Dieken finished the twenty lap contest in 5:04.72. Other outstanding performances were also turned in by captain Sam Senne in the 100 yard freestyle sprint and by Rick Ehrlich and Bob Hone in

the one meter and three meter diving competitions.

The swim team advanced their season record to 3-1 in the home tri-meet last Saturday. Lowell was easy prey for the Beavers as all efforts were concentrated on defeating the WPI team. MIT finished ahead of Lowell in every event but tough swims and strong all around performances were required to add the WPI contest to the win column. The 400 yard medley relay, led off by Dieken and followed by sophomore Tim Ramsey, freshman Allen Morris, and junior Sam Senne, opened the meet with a solid Beaver victory. With little rest, Dieken was back on the starting block for the 1000 yard freestyle. After toying with his WPI foe for most of the race, Dieken pulled away in the last 150 yards. Continuing their winning ways, the MIT divers, senior Rick Ehrlich, junior Paul Snyder, and sophomore Bob Hone secured one-two finishes in both the one meter required and optional springboard events. The divers are undefeated at this time.

Tomorrow, in an unusual double meet, the men's and women's swim teams take on Trinity College at two o'clock at the Alumni Pool.



Rick Van Etten '79 strains to shoot over Amherst's David Protiva. Protiva proved to be the Beaver's undoing in the Lord Jeff's 92-85 victory Wednesday.

Amherst slips by cagers

By Glenn Brownstein

When a team has a good night and does everything except win the game, as MIT did against Amherst Wednesday night, it's usually true that the key player for the other team is not the guy you thought would give you the most trouble.

So it was with Amherst and senior forward David Protiva. Protiva's 22 points, five of which were free throws at the end of the game that sealed MIT's doom, ten rebounds, and three steals paced the Lord Jeffs to a 62-58 win over the basketball Beavers.

Last year, as you may recall, Amherst forward Jim Rehnquist scored 50 points, a school record, in leading the Lord Jeffs to a 92-85 win over MIT. Well, the mighty have fallen. Apparently just going through the motions,

and victim of superb defensive work by MIT forwards John Wozniak '79 and Rick Van Etten '79, Rehnquist was not a factor in the game at all, hitting two of ten from the floor, one a breakaway stuff, and scoring just seven points.

Plagued by foul trouble, Amherst's two tall centers, Gary Collins and Dan Griffin, made some difference under the boards, but little else, scoring seven points together.

And MIT shot 52 per cent from the floor, committed just 16 turnovers, and got strong performances from all of its personnel. So why did the Beavers lose? There are three answers: rebounds, foul shots, and Protiva.

Off the boards, MIT was out-rebounded 39-26, a difference that probably cost the Beavers the

game. Even assuming Amherst would win the rebounding battle, MIT hit but four of nine foul shots, including two crucial misses at 52-56 with 2:48 remaining.

With MIT pressing to get the ball back, Van Etten forced a turnover and brought the Beaver five within two points with 1:57 left, but, with MIT fouling to get the ball back, Protiva calmly sank five of six free throws down the stretch to end MIT's upset hopes.

High scorers for the Beavers were Van Etten with 17 points and Peter Maimonis with 16. Bill Swiacki tallied 16 for the Lord Jeffs.

MIT, now 4-9 but still with some hope of a ten-win season, faces a high-scoring Clark squad at Rockwell Cage Saturday at 8:15. The JV team, 6-7 after a 1-2 week battles Clark at 6:15.

Roundup

Squash grabs 3 straight

The varsity squash team took three consecutive matches to run their record to 5-7. Saturday, the team defeated Fordam 7-2 in the morning and rolled over Amherst 8-1 in the afternoon. The team continued its winning streak Wednesday night, topping Tufts 6-3.

The men's and women's gymnastics teams are still searching for their first wins. After losing to Dartmouth, January 22, in their opener and to Yale last Saturday, the women's team fell to Rhode Island Wednesday evening, despite strong efforts by Elaine Sears '79, who took first on the uneven parallel bars, and Joan Hughson '77, who took second on the balance beam. The men's team also dropped a meet to a very good Yale team last Saturday 140.0-124.4. The team did manage to capture the vaulting event. The men's next home meet is tomorrow at 2pm against Coast Guard. The women will be home again Wednesday evening at 7pm against Norwich.

After last week's second in the Greater Bostons, the varsity wrestling team slipped to New York Maritime and Central Connecticut in a tri-meet last Saturday. The grapplers bounced back

Wednesday, however, trouncing Boston College 35-12. Starring for MIT in that meet were Norman Hairston '79 who pinned his opponent in 30 seconds and co-captain Steve Brown '77 who took one minute to pin his BC foe. The teams next outing is against Williams at 2pm tomorrow in the DuPont wrestling room.

The women's fencing team ran their record to 6-3 with a 10-6 victory over Rhode Island Wednesday. Captain Judy Austin '77 was

undefeated for the Engineers, winning all four of her bouts.

The rifle team topped the University of Alaska Wednesday 2142-2033. Today the team fires in the West Point Invitational.

The women's basketball team staggered through the Brown Tournament last weekend in Providence. Brown proved to be an inhospitable host, rumbling past MIT 61-18. The Engineer women also lost to Chicago 62-32, Penn 68-29 and Swarthmore 31-23.

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