

Pace Subcommittee advises changes

By Ivan Fong

The Pace and Programs Subcommittee of the Committee on Educational Policy (CEP) will release a report this week detailing recommendations to the CEP concerning the establishment of an upper limit on departmental requirements, the retention of freshman pass-fail with certain changes, and the adoption of a new system of assigning class units.

The Pace and Programs Subcommittee report is part of the CEP's review of MIT's undergraduate program, a report on the status of which was prepared last February. In addition to MIT's undergraduate pace and programs, requirements in the Humanities, Arts, and Social Sciences, and General Institute Requirements in Science are being examined.

Chaired by Professor Merton Flemings, the Pace and Programs Subcommittee was "established during the school year 1980-1981 in response to the need that President Gray expressed in his inaugural address, 'to review the character of the MIT educational experience, paying special attention to the questions of pace, coherence, and intellectual impact.'"

Professor Felix Villars, Chairman of the Faculty and Chairman of the CEP, said that the CEP would consider each of the recommendations "one by one ... until every valid consideration has been looked at." Villars noted that in releasing the report, he expects "additional expressions of views from students and faculty."

Similarly, Flemings says he "hopes to have the widest possible dialogue between the Institute and the CEP to modify the recommendations if necessary ... and to bring the recommendations for a Faculty vote."

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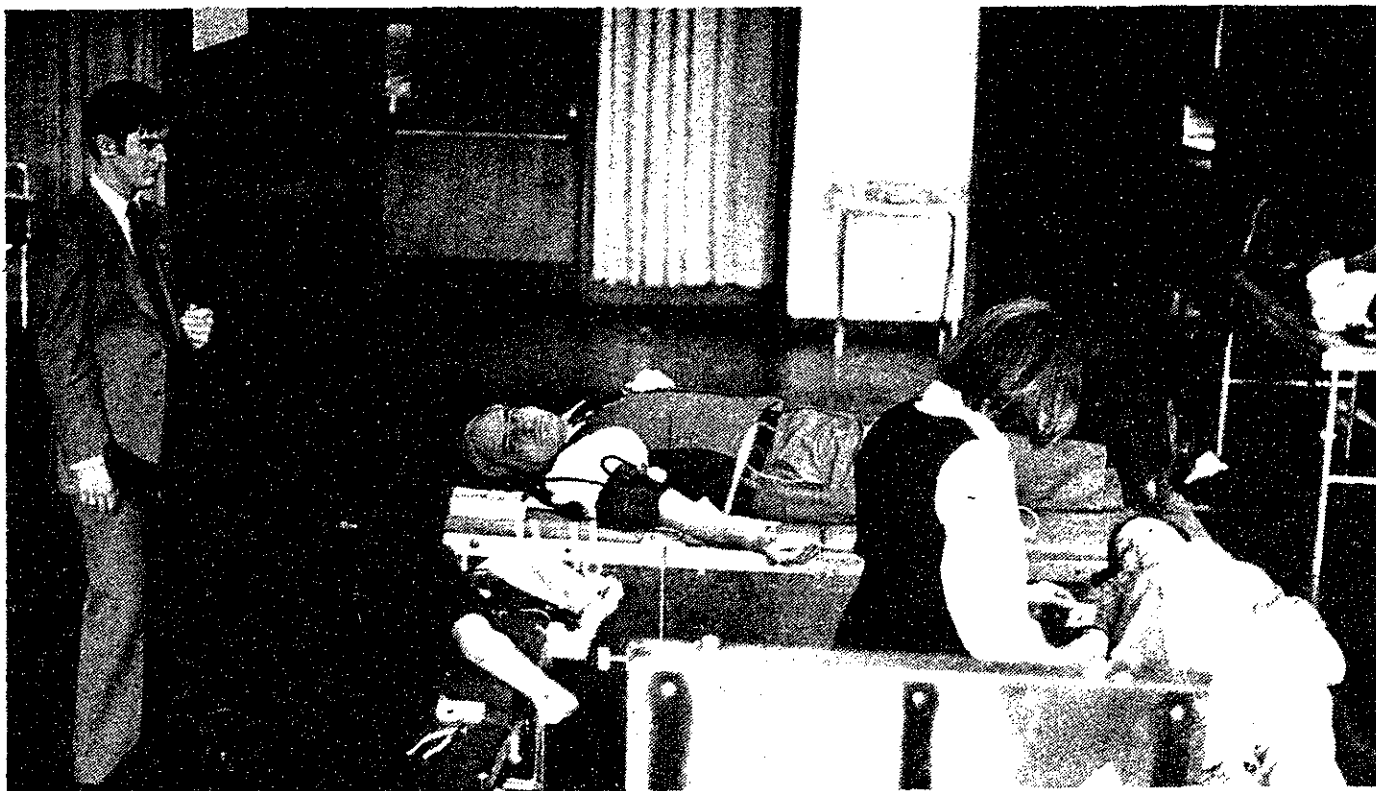
Loan reminder

All students who do not sign their National Direct Student Loan checks before October 1st will face an interest increase of four to five percent, and there are still "hundreds of unsigned notes" according to Leonard V. Gallagher '54, director of Student Financial Aid.

"Maybe 250 to 300 checks" still need to be signed, said John Rogers, Student Loan Officer. Over 2,200 MIT students receive loans through the National Direct Student Loan program, according to Rogers.

The student financial aid office sent a letter over the weekend to all students with outstanding loan checks, noted Rogers: "They should be getting them today."

President Reagan signed the NDSL interest rate increase into law August 10th as part of his 1982 budget.



Institute President Paul E. Gray '54 may not get the chance to give at this year's TCA/Red Cross fall blood drive if US Vice-President George Bush speaks in the Student Center late next month. (Photo by Steve Cohen)

Bush to talk at Stud. Center

By Jerri-Lynn Scofield

The Student Center is the tentative site for Vice President George Bush's speech to the MIT Sustaining Fellows Program on October 30, 1981, according to William A. Dickson, Vice President for Operations.

Bush will speak in either the Sala de Puerto Rico or Lobdell Dining Hall.

His visit will probably restrict student access to the second and third floors of the building. As a result, the Technology Community Association (TCA) blood drive will probably lose between 50 and 100 pints of blood, according to Blood Drive Coor-

ordinator Cindy Pribble '82. The drive was scheduled to be held from October 28 until November 6 "by the end of the term last year," commented Pribble.

"[Closing] more than the second two floors of the Student Center, that's intolerable," said Institute President Paul E. Gray '54. In the event that the Secret Service decides that all of the Student Center will be closed to prepare for Bush's speech, "we would move to duPont," declared Gray.

According to Dick Hartwig, spokesman for the US Secret Service, the site for Bush's speech will be closed "anywhere from a week ahead of time to several days beforehand, depending on what the plans are." Based on the experience of former Vice President Walter F. Mondale's visit to MIT last fall, Gray commented, "That clearly is not the way they [the Secret Service] operate; at least from my limited perspective." For Mondale's visit, the Secret Service searched Kresge Auditorium at 2am the night before Mondale spoke, as well as on the morning of his visit, noted Dickson.

According to Pribble, moving the blood drive from the Sala "will have a negative effect on it." She observed that she expects to lose visibility and convenience, but said she hopes to compensate for the lost pints by increasing publicity effort.

Dickson indicated that he wished to "work this out with the organizers of the blood drive" realizing that the decision "inconveniences them and cuts down on the yield on Friday."

Special Assistant to the Provost Dr. Louis Menand 3d noted, "Historically, we've had a two-key policy" toward use of the Student Center: when the students had an objection to something the Administration wished to sponsor or vice-versa "we tried to find an accommodation." Menand described the process of facilities allocation as one of "finding an accommodation between the administration and the students, whose building it is."

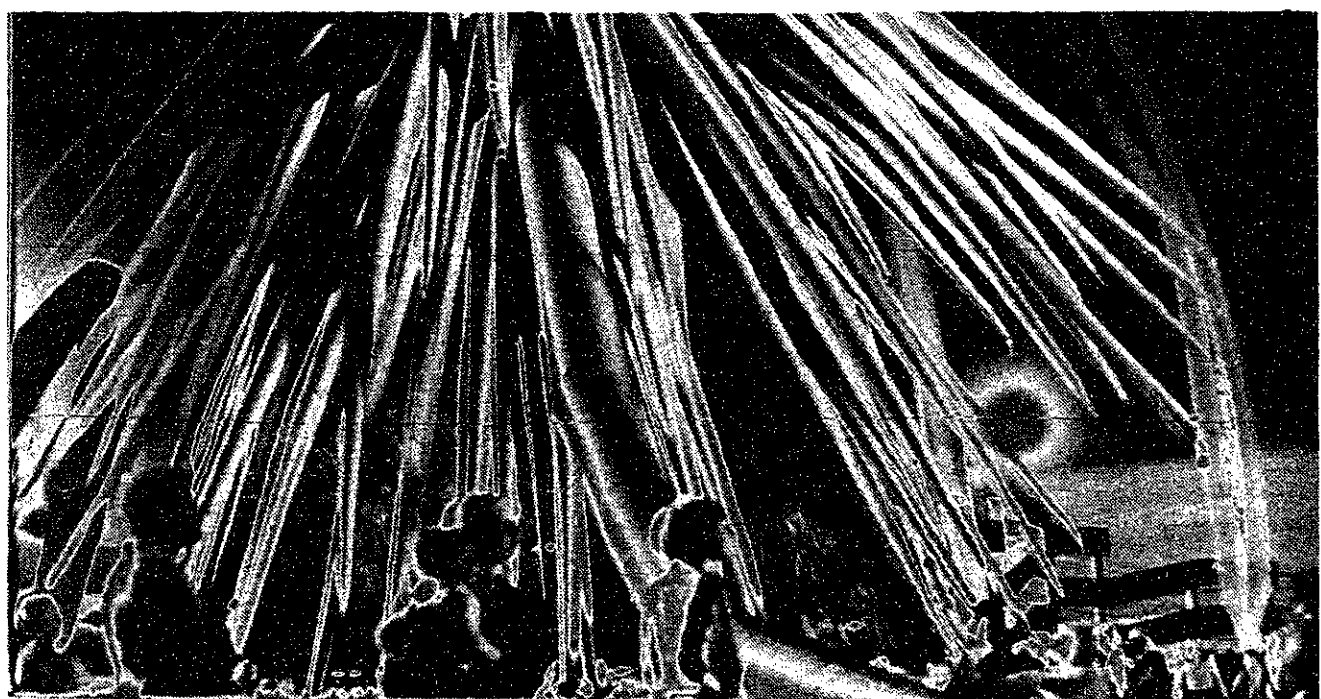
Gray indicated that MIT was having great difficulty finding an appropriate place to hold the banquet. "Once you associate the presence of the Vice President with a meal, there really is no good place..." Gray added, "Anything we do is a compromise." Gray also commented that once it was known that Bush would speak to the Sustaining Fellows, a decision was made to "have it on campus, as opposed to a Boston Hotel."

Associate Dean for Student Activities Robert J. Holden commented on the possibility that the Student Center would be used to

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Open office hours today

MIT President Paul Gray will hold open office hours in 3-208 from 4pm to 6pm today. Show up and speak your mind!



Close Encounters of the Third Kind? No, it's the world's first Sky Art Conference. See article on page 2 and photos on page 10. (Photo by Ray Henry)

Previous WI "quietly died"

By Tony Zamparutti

Edwin Whitehead, founder of the proposed Whitehead Institute (WI) that will be discussed at a special faculty meeting on Wednesday, attempted to establish a similar arrangement at Duke University, which "quietly died," according to John Whitehead, member of the board of directors for WI.

The original Whitehead Institute, announced at Duke in June, 1974, was supposed to have close ties with Duke Medical School. It would conduct "purpose-oriented" medical research that would move quickly to hospital use.

The Duke Whitehead Institute would have had a staff of fewer than 600 persons. Whitehead would have endowed the Institute with \$1 million a year in operating funds. Whitehead said in 1974 that a "major portion" of his Technicon Corporation stock would be donated as an endowment for the Institute on or before his death.

Whitehead sold Technicon in 1978 to the Revlon Corporation.

Whitehead was considering several universities in 1974 for the site of his research institute. The candidates included MIT, Harvard, and Stanford. Duke was chosen mainly because of his

highly favorable impression of the school's President, Terry Stanford.

The reasons for termination of the agreement between Duke University and the Whitehead Institute "have never been disclosed," said Bob Wilson, associate director of Duke's news office.

The focus of research at the Whitehead facility has changed since the unsuccessful attempt to establish it at Duke. "His initial concept was a more purpose-oriented institute. ... He's become more aware of the importance of basic research," said

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inside

Wage rate schedule negotiations between MIT and the Research, Development, and Technical Employees Union have stalemated as of last week. **Page 3.**

A draft model of legislation regulating genetic engineering research was presented at a Massachusetts Public Health Conference. **Page 5.**

Continental Divide runs down 6/7 of this week's ARTS page.

Cream dream Debbie Harry messes up — review of her solo LP. **Page 7.**

The Fitchburg State Falcons tore our Engineers apart on the gridiron last Sunday. **Page 11.**

Units, Dept. Reqs. may change Sky as artistic medium focus of first conference

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Concerning the report, Flemings commented, "What we aimed to do [was] to look at these aspects [of pace and programs] and see where we could make improvements for the long run."

The purpose of the recommendations, according to the Flemings,

was "not to make MIT an easier place, but to reduce the frenzy and the franticness." He noted that there were times "when people get distracted by too many things, and don't have adequate time to reflect on other things."

According to the Subcommittee's report, "As Departmental

Requirements rise significantly above 144 [units], there becomes increasing pressure for sophomores and even freshmen to take these subjects to avoid excessive overloading in later years." in conjunction with a recommendation to adopt a system for counting only "subjects" and "half-subjects," the Subcommittee would like Departmental Requirements limited to 14-15 subjects of a total of 32-33 subjects required for graduation.

"A high degree of overloading in the freshman year appears to concentrate greatly to the problem of pace in undergraduate life," stated the 39-page report, "as well as to result in less than optimal performance of many freshman in core subjects." While retaining the spirit of freshman pass-fail, the Subcommittee recommended a four subject normal course load for freshmen, with 4.5 subjects being the credit limit subject to CAP petition.

Student members of the Subcommittee included Alison Kutchins '82 and David Lingelbach '83; faculty members included Wilbur Davenport, Margery Resnick, and Roy Welsch.

focus of first conference

By Michael Shimazu

This weekend, artists, scientists, futurists, and sky and space officials met at MIT "to explore the future role of culture in space and to develop plans and thoughts about the human use of space" in the first of four international Sky Art Conferences.

The conference, which ends today, featured exhibitions, lectures, and panel discussions: focusing on the sky as an artistic medium and "sky events" including inflatable sculpture, kite flying, and an excerpt from a sky opera by Paul Earls.

Harold E. Edgerton '27, Institute Professor Emeritus and a pioneer in ultra-high speed and underwater photography, is Chairman of the Conference. Otto Piene, Professor of Environmental Art and Director of the Center for Advanced Visual Studies at MIT, is the Conference Director.

Piene, himself a noted sky artist, first coined the term "Sky Art" about ten years ago and came up with the idea of a Sky Art Conference five years ago.

His largest sculpture, "Blue Star Linz," was featured on Saturday evening.

"Those who participate will have an opportunity to share mutual concerns for the peaceful exploration of space and what it means beyond pragmatic considerations," said Piene.

Emphasizing the multidisciplinary focus of the Conference, Piene noted, "This exchange of thinking and experience in the areas of art and technology will be of major value to artists and scientists as sources of inspiration and orientation."

MIT was chosen as the site of the first conference because of its reputation for incorporating science into art. "There are very few places where the mix of art and technology is as advanced as it is here," said Paula Korn, Press Coordinator for the Conference.

Future Sky Art Conferences will be held in Linz, Austria, next year; in Paris, France, in 1983; and simultaneously in Los Angeles, California, and Japan in 1984.

350 to hear Bush

(Continued from page 1)

host the banquet: "I don't know ... I'm not a part of that whole process. ... I don't know where [he will be speaking]. We are in the planning process."

Gray noted that 350 persons are expected to attend the dinner. He observed that originally, the banquet would have been held at the Faculty Club, whose capacity is only 200 persons. Then, Gray observed, "Walker came to mind as the most gracious setting, the Faculty Club included." That suggestion was rejected, according to Gray, because it would displace students on mandatory commons who regularly dine there. Gray rejected other suggestions, such as the Special Events Center, for several reasons. First, the first floor of the Center serves as an ice rink during the fall and winter months. Also, Gray noted, "The second floor of the Athletic Center was never intended for other than athletic events." He cited accessibility problems, "for older folks the stairs may be dif-

ficult;" acoustical difficulties; and the large size ("250 people would be lost in there") as obstacles to the use of the Special Events Center.

Commenting on the use of duPont Gymnasium as a backup rather than first-choice facility, Gray noted, "No matter what you do it ends up looking like an old gym." He indicated that "food has to be prepared first and trucked in," which is not the case with the Student Center facilities.

"It is too far in advance to say [what the subject of] the Vice President's speech will be," commented Alixe Reed, Bush's assistant press secretary. Reed indicated that Bush had approximately 80 scheduled speaking engagements before October 30.

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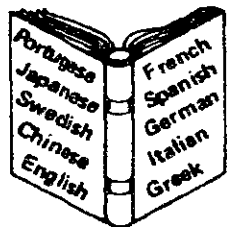
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news roundup

World

US interest rates blamed for record losses in Tokyo, London — Yesterday marked the worst day in the history of the Tokyo Stock Exchange, as average stock values dropped nine percent in Monday's trading. The London Stock Exchange closed down 17 points, with the value of issues traded dropping by five percent in just thirty minutes. Analysts blamed the poor performance on high US interest rates, which drew investment capital from foreign stocks to the United States.

Guerrilla warfare in the streets of Teheran — Rebel Mujahedin guerrillas battled Iranian Revolutionary Guards in the center of the Iranian capitol for seven hours Sunday. The machine gun and rocket-grenade exchanges represented the heaviest fighting in Iran since the revolution led by Ayatollah Ruhollah Khomeini against the late Shah. Radio Teheran reported forty injuries in the fighting, but reports indicate that the final toll may be much higher.

Iran claims key victory over Iraq — The Iranian government claimed Sunday it had broken the seven-month Iraqi siege of the refinery city of Abadan. Iraq admitted only that heavy losses had been incurred repelling an Iranian attack. Radio Teheran claimed 600 Iraqi casualties and 1500 captured Iraqi soldiers.

Moderates keep control of British Labor Party — Denis Healey retained his post as deputy leader of the Labour Party by a narrow margin Sunday Night. It took three ballot counts to determine that Healey defeated leftist challenger Tony Benn by a margin of less than nine-tenths of one percent of the ballots cast by Labour Members of Parliament, trade union representatives, and local party leaders. Lamented Benn, "The forces of democracy and socialism cannot be stopped in Britain."

Nation

Stock market rebounds 18½ points — The New York Stock Exchange rebounded substantially yesterday, following a drop of 68 points in the Dow Jones Industrial Average over the last month. Although dropping 15 points in the first half hour, active buying by bargain hunters pushed the Dow Jones index up by 18.55 points by the final bell, closing at 842.56.

Reagan addresses police chiefs — In a speech before the National Association of Chiefs of Police convention in New Orleans yesterday, President Ronald W. Reagan advocated a proposal allowing judges to deny bail to defendants judged dangerous to the community. One of the loudest outbreaks of applause from the chiefs came when Reagan suggested the use of the military to slow the flow of drugs into the country.

Hinkley admits to shooting — John Hinckley Jr. admitted in court yesterday that he did shoot President Reagan and three others at the Washington, DC, Hilton Hotel March 30. Hinckley's attorneys confirmed that their defense will be that their client was insane at the time of the shooting.

Barry S. Surman

Weather

Variable cloudiness today with strong northwesterly winds and high temperatures in the upper 50's, although wind-chill factors during the day will be in the 40's. Winds will diminish somewhat tonight with lows in the upper 40's. For Wednesday, expect mostly sunny skies with light southwesterly winds and highs in the upper 60's. Chance of rain 10 percent through Wednesday.

James Franklin

Union, MIT disagree

By Barry S. Surman

No progress has been made on financial issues separating MIT and the Research, Development, and Technical Employees Union (RDTEU), the largest union on campus, in their attempts to reach agreement on a new contract, according to chief negotiators for both parties.

Last Thursday afternoon, Institute negotiators presented a final offer to the RDTEU in a bargaining session arranged by James Arthur of the Federal Mediation and Conciliation Service. The seven-hour meeting did not produce any results, according to John N. Goddard, President of the RDTEU. "We scheduled another mediation date for next Tuesday at 10am," he said. "There's nothing else really fixed or agreed upon."

"They have a final offer," explained James J. Culliton, Assistant to the Vice President and Director of Personnel for MIT. "They have refused that . . . and they have a counter-proposal they have come forward with." He added that James J. Fandel, Manager of Labor Relations, was examining the union proposal in preparation for this afternoon's meeting.

Goddard said that his negotiating committee found the MIT offer "unacceptable. We

don't have any confidence in this . . . proposal," he said. The Institute's offer, he observed, would alter the structure of pay scales for his membership. "We have rate ranges [for each job classification] within our union . . . [the proposal would create] a reduction of the raise in the event of a promotion."

The MIT offer would also "make it [take] longer to get to the top classification," said Goddard. "In the current proposal," he added, "the Institute does not want to apply the pay increase to the entry level."

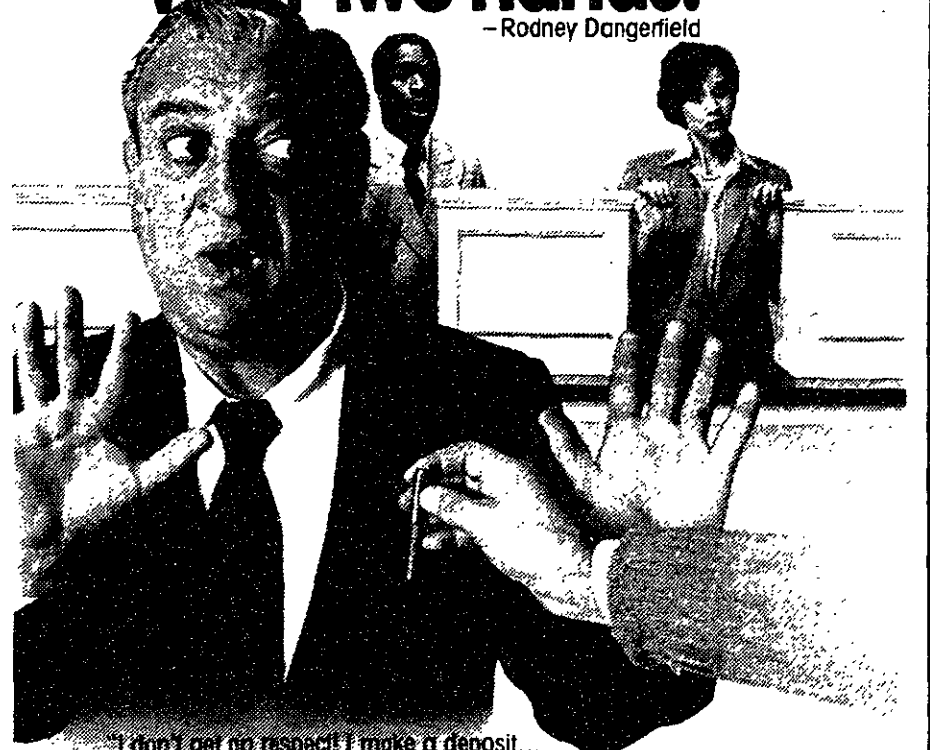
"This seems to be the central issue . . . the money; this whole wage rate schedule," Goddard concluded. He said the RDTEU might accept the ten percent wage increase agreed to by the physical plant and dining service employees, but "it depends how the overall package looks."

Culliton described the RDTEU's dilemma: "The committee from the union has to be convinced they can sell it [the contract] to the union." He added, "My hope . . . is to settle this quickly."

Setting a strike deadline "could happen [this] week," said Goddard. His union represents over eight hundred Institute employees.

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—Rodney Dangerfield



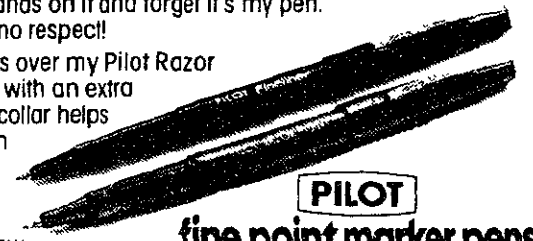
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Graduate Students

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- Equal Opportunity Committee
- IAP Policy Committee
- Committee on International Institutional Commitments
- Prelaw Advisory Board
- Committee on the Use of Humans as Experimental Subjects
- Committee on the Visual Arts
- Women's Advisory Board
- Advisory Committee on Shareholder Responsibility
- Advisory Committee for Women Student Interests

Faculty Committees

- Committee on Discipline
- Committee on Educational Policy
- Committee on Graduate School Policy
- Committee on Student Affairs

Corporate Committees

- Corporation Joint Advisory Committee



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Editorials

Gray's premature solicitation

President Gray advertised in last Sunday's *New York Times* for corporations seeking to invest in university research.

The solicitation was not a "Help Wanted" classified ad, but an article in the business section entitled, "MIT Wants Closer Ties With Business." While noting that objections have been raised to the use of increased corporate contributions to fill the gap left by shrinking Federal funding, the article left the impression that the problems have been solved and checks were gladly being accepted.

The article reflected a problem similar to that raised by earlier Congressional testimony by Gray which endorsed increased Department of Defense spending on campus and assured concerned Congressmen that students would not object. Both statements were made without open consultation with students and faculty members.

Contrary to Gray's assertions, many different problems remain to be solved before increased corporate contributions without increased corporate interference in the free exchange of information can become a reality. Some questions have barely been raised: what effect will the increased contact with industry have on the alleged brain drain from colleges to corporations?

Now is the time for studied debate, not hurried appeals. Many faculty members and students are willing to discuss the answers even if MIT is not willing to ask the questions. All who are concerned should take the initiative and make their views known: circulate petitions, write letters, make use of Gray's open office hours. While MIT should attempt to solicit a wide range of views, past experience teaches that awaiting such an action may be futile.

Deciding how to compensate for the numerous funding cuts imposed by Reaganomics is easily the most important problem facing MIT in the immediate future. Unless all issues are raised and all viewpoints considered, the Institute may arrive at a cure which does not deal with — or is worse than — the disease.

Balancing priorities in banquet siting

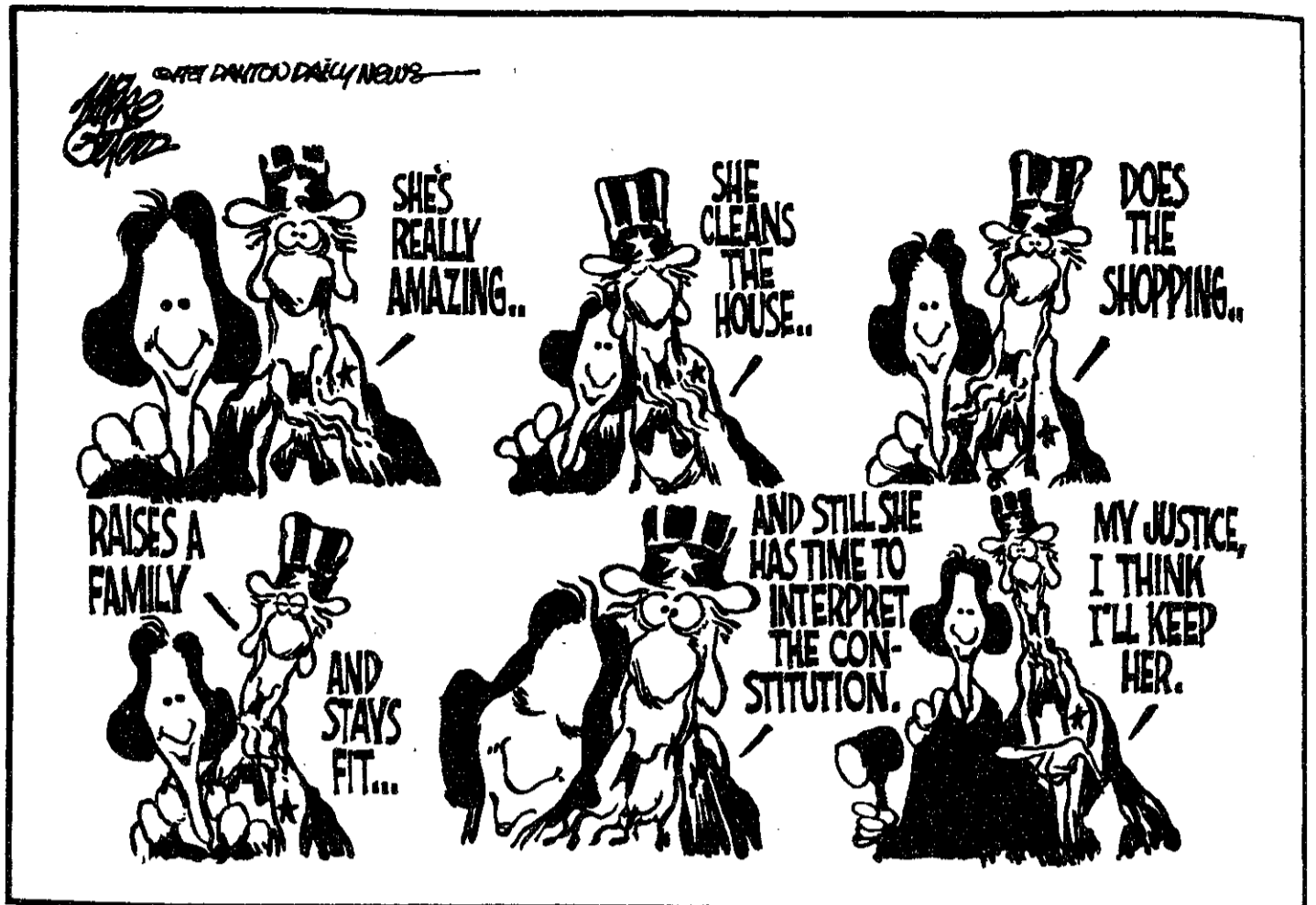
Students will not be able to hear Vice President Bush speak at MIT on October 30, even though the MIT Administration is tentatively planning to host the banquet for MIT's Sustaining Fellows in the Student Center. Security considerations dictate that at least two floors of the Student Center will be closed before Bush is scheduled to speak, displacing, among other events, the TCA-sponsored blood drive.

MIT's commitment to move the event to duPont Gymnasium if the Secret Service demands that the entire Student Center be closed to accommodate Bush seems at first to show an admirable respect for students. This decision, however, only shifts the problem to a different locale. Holding the speech in duPont would only displace another set of students.

Admittedly, MIT must balance a desire to offer proper banquet facilities and a need to avoid disrupting student activities. Eliminating Walker Memorial Dining Hall from consideration prematurely may have been a mistake. The MIT administration made this decision so as not to interfere with students on mandatory commons eating plans. It may be more logical, though, to inconvenience students on commons for one night, since they do have other eating options, rather than evicting ongoing events which have no other place to move.

One option which the MIT Administration also seems to have rejected is the use of the upper floor of the Special Events and Athletic Center, which was used last year for an Inaugural banquet. If obstacles to this plan include the unavailability of Dining Service workers, perhaps the Institute should spend some of the money donated by these Sustaining Fellows to hire a catering service for the dinner festivities.

Each potential location will have both strengths and weaknesses: MIT must carefully evaluate all of the alternatives before making the final decision. Since students will not benefit directly from Bush's visit, the primary criterion for selecting the banquet site should be minimizing interference with the needs of students.



→ feedback

LSC should let latecomers in

To the Editor:

Today I tried to see the movie "Tess", but I was turned away at the door because I was late. The hall was not full.

The usher said, "I can't let you in because you haven't paid, and I can't let you pay because I'm not supposed to take your money." This sounds like Catch-22 to me. I was willing and expecting to pay, but if he couldn't enable me to do so, he could have let me in free. He was being a dog in the manger, and he wasn't even decent enough to be ashamed of it.

An official eventually happened by (coincidentally) and talked to me and the several other would-be customers in the same situation. Her words are indicative of her attitude. First she said, "It's your fault that you're late." Truly, nobody but me caused that, but being late doesn't mean it's impossible for LSC to let me see the movie. It doesn't cause me to miss it. Her decision does, and for that, she is responsible and to blame.

As it happens, some of the other people were late because they went to 26-100 by mistake. I suppose LSC's attitude is, "if you

make any mistakes, you deserve any bad thing we can do to you."

When we mentioned that LSC had always sold us tickets in the past, if we were late. This refusal was a surprise to us. She said that it was always at the director's discretion. I suppose this is true, but LSC had never done anything to inform us of it. I said that, and she said, "We have done this at a few movies before." I said I must not have gone to those movies, and she said, "Well, now you have!"

It seems that she considers it a satisfactory way of informing the public about their policy, to let each member of the public trip over it by surprise! After all, once surprised, we have been informed.

She asked us to consider our situation just like an overflow. The important thing about the situation is how it differs from an overflow. If the hall is full, and LSC is unable to sell me a seat, it is not LSC's fault. This time LSC was perfectly able to let me in, but unwilling. The responsibility falls in their lap. It's typical for a person who is refusing to be helpful to pretend that he has no

choice; that way, he can get whatever benefits and avoid the onus of having been uncooperative. People pass the buck to unnamed other people who turn out to be — they themselves, at a previous time.

She did attempt to offer a reason for the policy, saying that latecomers were a disturbance. However, this seems bogus. I have never noticed a latecomer while I was in an LSC movie — how could I notice them, with all the noise being made by the people already seated?

LSC's attitude is the natural result of their monopoly on showing films. We need them, they don't need to be friendly. I think their monopoly ought to be taken away. But until that happens, we can play their game, and give them a taste of their own medicine:

"I'm sorry but I'm not allowed to pay for watching this movie. That's the policy, it's been decided, and I can't make an exception for you."

You don't have to mention who it was who decided the policy.

Richard M. Stallman



The Tech

Brian J. Glass '82 — Chairman
Stephanie L. Pollack '82 — Editor-in-Chief
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DNA research statutes drafted

By Sophie Lukashok

The Massachusetts Public Health Association held a conference on "Genetic Engineering and Public Health" Friday, Sept. 25 to present the public with a draft model of legislation regulating the usage of genetic engineering in research and industry.

At the conference, the Massachusetts Public Health Association presented the draft of the ordinance to professionals involved in all aspects of genetic engineering. They further hope to obtain feedback from the public as to how successful the ordinance is. It necessary, it will be amended so that it can provide the most favorable conditions for both the community and industry. The final model ordinance will be ready in November.

The MIT community was represented by Jonathan King, a professor of microbiology, who discussed the public health issue, and by David Housman, from the MIT Center for Cancer Research, who represented academia at the panel discussion.

The first genetic engineering and Public Health conference was held last year, when the communities of Cambridge, Waltham, Somerville, and Newton saw genetic engineering companies settle in their midst. The communities expressed skepticism as to whether genetic manipulation were being conducted safely. There have been legislative attempts to regulate the industry; however, it has been carried out in an uncoordinated and chaotic fashion. After the National Institute of Health dissolved its committee on genetic engineering, regulation began drifting into an even greater state of confusion. Furthermore, companies involved in genetic engineering are not required to adhere to NIH guidelines and only follow them voluntarily. As a result, the community and industry both need to come to a consensus and establish a uniform code of standards protecting the workers and the community. The NIH therefore appointed a subcommittee, the Massachusetts Public Association, to draft a piece of legislation which would meet these needs.

The model draft encompasses codes of safety concerning research and industrial facilities, work practices, administration, employee safety, environmental monitoring, registration and permits, and enforcement and amendment provisions. The ordinance defines the difference

between research and industrial forms of genetic engineering. It also specifies the rules by which facilities must contain and dispose of their organisms. It requires all institutions to keep a log book open to inspection, and to establish a biosafety committee whose function is to insure that all safety procedures are followed. The ordinance demands that all employees (including janitors, administrative personnel, etc.) involved in DNA technology have regular medical examinations; in addition, the safety officers must record all sicknesses causing employees to be absent for four days or more.

Under the ordinance, the site of a genetic engineering facility must be approved by the local board of health, and a permit specifying the volume and procedure of the project must be issued. This permit will be renewed annually once the facility has passed inspection. The ordinance enforces NIH guidelines of prohibited experiments and enforces specific physical containment laboratory designs.

Bill may restrict int'l info flow

By Lori Brill

H.R. 109, a bill presently in the House of Representatives which attempts to amend the Arms Export Control Act may permanently affect research and learning at MIT.

If passed, the bill would give the Secretaries of Defense, State, and Energy the power to regulate any information released from the

United States munitions list, according to the bill's sponsor Charles E. Bennett (D-Fla.). This prohibition would include many applications of computers dealing with cryptography and circuitry research.

The government would have the right to withhold any information pertaining to research on military hardware unless it was found that "withholding thereof

is contrary to popular interest." This ability would extend to limiting access to knowledge not harmful to US security.

At MIT, the Committee on the Changing Nature of Information, has been formed, to explore how export controls affect research at MIT.

Included in the jurisdiction of H.R. 109 is control of printed materials which could possibly be used by other countries to their certain technological advantages. Dr. Louis Menand 3d of the Provost's office feels that this bill would limit the ability of MIT international students to participate in many types of research. Bennett has indicated that his intention was not to limit freedom of speech, but rather to improve the confidentiality of military matters.

H.R. 109 was first introduced in Congress on January 5, 1981. Currently the bill has received no Executive comment. It has been introduced into the the Subcommittee on International Security and Scientific Affairs of the House committee on Foreign Affairs. The bill has been rejected by previous Congresses.

WI has new focus

(Continued from page 1)

John Whitehead. The WI proposal presented to the MIT faculty, will employ up to 20 tenured faculty members and do research in biology and medicine.

Some of the board members in the discussions with Duke are on the present WI board, noted John Whitehead. "Legally it's a new board," said Whitehead. The new board "has been formally active for several months" he added.

The Whitehead Institute would not open at MIT for at least three or four years, noted David Baltimore, Institute Professor and director-designate of WI.

The board of directors of WI presently contains eight members. Five of the eight are tied to Edwin Whitehead, noted Provost Francis Low, but the three remaining are independent. Baltimore is a member of the board.

Six more members will be added to the board, including three from MIT: former President Jerome Wiesner, Abraham Siegel, Dean of the Sloan School of Management, and William G. Austen '51, a member of the MIT Corporation.

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Annual election of Representatives to the General Assembly of the Undergraduate Association are taking place throughout the month of September.

Election Notice

All undergraduates are eligible to run. For more information, contact the president of your living group or the UA office.

VOTE!



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Gallipoli: More Brilliance from Director Weir



Gallipoli, starring Mel Gibson and Mark Lee, directed by Peter Weir; now showing at the Nickelodeon Theatre.

The figure of a man, arm raised, pistol in hand; the look of terror etched on his face. His lips stammer uncontrollably as he tries to contain the emotion welling inside him. In a few seconds it will be all over. With horrible effort, his lungs fill . . . and then exhale violently.

The shrill report of his whistle brings instant action. "Over the top!" Within seconds, hundreds lay dying. The faster ones have managed a full five yards before having their knees shot out from under them.

As the smoke clears, it reveals a fresh layer of young bodies, lying roughly on top of the bodies of the wave that minutes earlier had also gone over the top and were systematically mowed down like a giant lawn mower cutting through human grass.

Gallipoli, an obscure, barren peninsula

on the Turkish coast, was the site of one of the most catastrophic disasters in military history. On a fateful morning in 1915, tens of thousands of young Australian and British soldiers lost their lives as a result of the near-criminal incompetence on the part of the leaders who headed the Gallipoli campaign.

And yet, *Gallipoli* the movie is not so much about the actual battle itself than it is about the story of two young men, Frank and Archy, on the road to adventure; how they climbed pyramids, crossed great deserts, traversed the continents and oceans, to finally meet their appointment with destiny on the fields of Gallipoli.

The story begins a hemisphere away in Australia: Frank and Archy meet at a local track competition and quickly become friends. Archy, played by Mark Lee, is a brash and fiery idealist. Lee is perfectly suited to this role, as his lack of previous

acting experience shows through in the unrefined energy he exudes. He is the perfect example of adolescence, the raw and sometimes awkward excitement he gives as a young man who doesn't know his own strength.

Lee is complemented by the more accomplished Mel Gibson, who portrays the mundane but still fascinating realist in Frank. Gibson's experience as an actor is also well suited to his role as the more mature character—this is indicative of the genius of director Peter Weir, who selected the two actors almost by accident. Together, Frank and Archy make a formidable pair as they join the army to prove their manhood in World War I.

The cinematography is perhaps the most memorable aspect of *Gallipoli*. In a strikingly beautiful scene, Frank and Archy must cross the fierce Australian outback to Perth, where they are bathed in a landscape of intense blue sky and wide expanses of gorgeous sand; their isolation in the vast emptiness of the desert foreshadows their ultimate doom at Gallipoli.

About two-thirds into the film, the fun disappears and the boys realize their purpose in the war. Their initiation with danger occurs in a picturesque scene, with Archy and Frank bathing in the ocean when gunshots are heard. In order to escape the gunfire, they submerge and we see the water suddenly turn red—one of their fellow Aussies has been hit. In typical fashion, Archy dismisses the incident as an accident, almost telling himself that no harm could ever befall him.

In the final climactic scene, we find Archy next on line to go over the top. Frank, noted for his track skills, is chosen as a messenger from the front line trenches back to headquarters.

Major Barton, the leader of the troops at the front line, witnesses the slaughter of his men and sends Frank back to headquarters in the hope that the assault may be halted. Barton, portrayed admirably by Bill Hunter, is caught in a personal dilemma. Blessed with a great sense of moral justice, he remarks, "A man can't send his men to do something he wouldn't do himself."

In an intense scene of parallel action, the audience is gripped in wonder as to whether Frank can get the message back to the front line in time. Barton fumbles with his whistle and pistol, trying to buy time. Finally he tells himself that the order must be carried out. Did Frank make it? Did Barton disobey his orders? What happened to Archy? Enjoy the movie.

David Rho

Old Form



Continental Divide, directed by Apte, starring John Belushi and Blair Brown, now showing at the Sack

Can streetwise Chicago columnist John Belushi find romance with dedicated ornithologist Blair Brown? Yes—with the help of a patriotic success formula.

The male half of the patriotic formula (Ernie) (John Belushi) a typical hero, the hard-hitting journalist on a crooked politician. When the politician has his thugs work Ernie over, managing editor sends him to the Mountains to interview a famous naturalist.

The female half of the formula (Blair Brown) is even more patriotic. Belushi. She studies the end of an American bald eagle and beats up who try to shoot them. Naturalist and Nell bicker for a while, fall split up, get back together, and have a reasonably happy ending.

John Belushi plays the most acting role of his career surprised although fans of his previous television movie antics may find it hard to believe that he is a serious journalist.

Blair Brown has much better movie work with here than she did in *States*, and she is convincing enough feisty but adorable woman who is lover enough to fall for teddy bear

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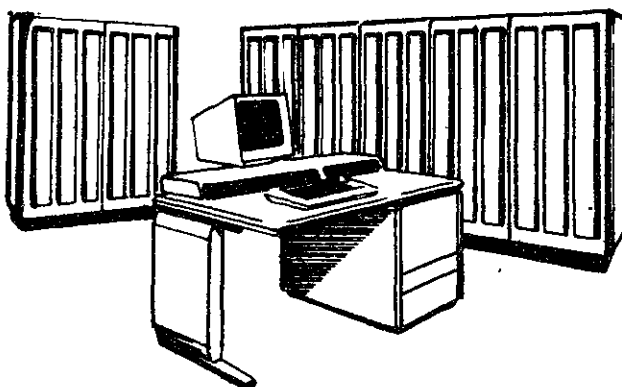
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As, New Divisions

ARTS ARTS ARTS ARTS



While the acting of Belushi and Brown is competent, the photography of John Bailey (*Ordinary People*) is outstanding, with beautiful scenes of the Rocky Mountains and Chicago. The footage of two bald eagles in flight is actually stunning enough to justify its being shown twice.

The screenplay has the usual clever banter of romantic comedies and several nice sequences including one in which Brown fashions a sled out of rope and ice, and one in which Brown and Belushi discuss the mating habits of bald eagles while really discussing their own love affair.

One sequence, however, is very disturbing. After being brutalized by a cougar, Belushi aches all over. Asking, "Does it hurt here?" Blair proceeds to kiss him here it hurts. Sound familiar?

In *Raiders of the Lost Ark*, the heroine kisses the injured hero where it doesn't hurt. This scene might be plagiarism, except that Steven Spielberg was the director of *Raiders* and the executive producer of *Continental Divide*, and Lawrence Kasden scripted both. Now admittedly, original romantic sequences are difficult to write, but Spielberg and Kasden should know enough to avoid such blatant repetition.

Except for that unfortunate sequence, *Continental Divide* is pretty good. And while it is not nearly as funny as *Arthur*, *Continental Divide* should not disappoint patriotic fans of romantic comedies.

Joseph Romm

Koo Koo

koo-koo. Debbie Harry on *Chrysalis Records*.

The first thing that irritates me about this album is its sheer pretension: what more perfectly trendy thing for one of NYC's trendiest couples — Debbie Harry and Chris Stein of *Blondie* — to do than team up with darlings of the disco funk world, Chic members Bernard Edwards and Nile Rodgers. This seems more than a little patronizing and an effort to get in with all possible in-crowds, to your reviewer's jaundiced eye. On top of all this, it's a boring record from people with great track records, which is a no-no.

The record is produced and packaged with Debbie Harry as the chief selling point. It's got her plastered on the bizarre cover and the in-sleeve, and her voice is pushed way forward on every track. Harry has a good voice for the cool, romantic pop she's done before, but she just wasn't meant to do disco/rap stuff — her voice is harsh and strident in the extreme, and it effectively blots out Edwards's and Rodgers's instrumental work.

All Harry's previous *savoir faire* and "sidewalk sociology" which made *Blondie*'s albums so sophisticatedly tongue-in-cheek go for nothing here; there's even a quotation from Poe on the sleeve — "'Doubtless," said I, "what it utters is it's only stock and store"' — which encapsulates the real pointlessness of an overly intellectualized, unfelt, empty project like this.



just
won't
do



A lot of reviews about *Koo-Koo* go into great depth about Harry as the vision of American womanhood, the emotional alienation represented by the lyrical content, yackety-yak. But there's really not that much to it. Even more reviews praise its danceability, content problem aside. Again, I beg to differ. Only two songs — "Surrender," with its funky bass and its dippy-but-great lyrics ("Before I surrender my love to you / I'd rather lie down in the street / And get hit by a big Mack truck") and "Backfired," which moves along and shows some of the energy which is good disco's saving grace, even suggest the dance floor.

Both these songs are by Rodgers and Edwards, and generally the tracks they pen are the least boring. Stein and Harry's contributions — for example, the egregiously wordy "Jump, Jump" and "Inner City Spillover," which is their conception of the modern urban ballad, I imagine — are cocktail party backdrop, music you wouldn't even notice in the average supermarket muzak sludge.

The collaborations between the Big Four — Rodgers, Edwards, Stein, and Harry — are musically confused, and Harry flounders with the raps. She did so much better on *Autoamerican* with "Rapture" that it's hard to understand why everything here fails so miserably. "Rapture" had the appealing sound of a white girl going headlong into something totally new, excusing her own silliness through the verve and unique flavor she brought to a non-white genre.

Go back to popland, Debbie, I want more "Atomic's" and "Call Me's" clogging the airwaves.

sheeena

UA News

HELLO!!

The UA News appears regularly in the campus media. The Undergraduate Association uses it as a way of communicating important issues to the student body. Many opportunities for involvement and formal meeting notices will be posted in the UA News. Deliver all items to the UA Office, Room 401 of the Student Center.

Space is available to campus organizations for announcements. All submissions should be sent to the UA News Editor, Robin Barker, on the Friday prior to the issue in which announcement is to appear. Deliver all items to the UA Office, Room 401 of the Student Center.

'84 Council Petitions

Petitions for the Class of 1984 Council are now available in the UA Office. Forty signatures are necessary, and everyone but elected officers must file a new petition to remain a member after the petition deadline, Friday, October 2.

New Members are encouraged to help with class t-shirts, the class ring, newsletter and class social events. Bring your petitions and fresh ideas to the UA Office, W20-401. Still not sure you want to join? Come by one of our meetings; the meetings are open and posted on the UA Bulletin Board in Lobby 7. Anyone can attend — hope to see you soon.

Speak Up & Be Heard

The Undergraduate Association Student Committee on Educational Policy (SCEP) will host a special forum to discuss the recommendation to the Committee on Educational Policy (CEP) by the pace and programs subcommittee. **FACULTY MEMBERS WILL BE PRESENT!** The forum is in the Bush Room (10-105) at 7 PM on Wednesday, September 30. All students are urged to attend.

General Assembly

General Assembly elections will be held in living groups throughout September. Each independent living group has one representative, and each dormitory has approximately one representative for every forty residents. Off-campus reps are elected by getting a petition-form signed by forty other off-campus residents. Talk to your house president for details.

The GA will have its first regular meeting on October 8. Meetings are every two weeks on Thursday evenings. There are five regular meetings and one Saturday symposium at Endicott House scheduled for the fall term. Each meeting will feature a particular person or group and discuss issues of importance to undergraduates at MIT.

This year should be progressive and exciting — join the GA!

Can You Solve An International Crisis?

The International Relations Club's Central American Crisis Simulation will give you an opportunity to use your negotiating skills to lead a nation safely through a crisis. A crisis simulation is a huge interactive "game" that dynamically explores the influences of domestic policy, international diplomacy, military action and media reporters of different nations and try to resolve important issues. This simulation topic will be *Foreign Intervention in El Salvador*. The objective is to have a lot of fun playing the game while learning about the complexities and dynamics of international relations and crisis resolution.

The simulation begins at 6:30pm on Friday, October 2, in room 5-233 and will run until 10:00pm. It will resume on Saturday at 10:00 am and run until mid-afternoon. Try to come early but late comers will be welcome. Everyone is welcome to participate and, of course, there will be no admission charge.

Attention Class of 1985

Petitions are now available for membership on this year's Freshman Council. All you need to do is get 40 signatures and you're on! The Council will do whatever the members want it to do. Pick up petitions in the UA Office and start the Class of '85 off right!

Get Involved

During September, we are involved in organizing and planning for the coming year. We have lots of projects available. Now is the time for elections and committee appointments. We

need qualified volunteers to help.

You'll find it easy to get involved, and you'll make new friends and develop valuable managerial skills and talents. It's rewarding to make a difference at MIT.

Homecoming Date Changed

After much discussion at the first full Social Council meeting, homecoming was changed to October 23. Workers are needed in all areas of planning, so voice your ideas for homecoming by coming to the fall Social Council meeting every Monday at 7pm in Room 4-270. Executive Board meetings are also open to all students; they are held on Tuesdays at 7pm in the UA office (W20-401). For information, contact either Skip Butler, 267-6091, or Angie Liao, x5-8381.

UROP Office Opening

Office help is needed starting September 28 in the Undergraduate Research Opportunities Program (UROP) Office. The pay is \$4.40/hour for about ten hours per week. Duties include typing, filing, xeroxing, etc. Contact Susan Mitchell-Hardt, 208-141, x3-5049; MIT students only.

STOP BY

The UA has many projects in the works. Please call or stop by if you have any ideas or would like to help. If you have any comments or suggestions please contact John DeRubeis (UAP), Ken Dumas (UAVP), Joyce Pollock (Secretary General) or Bob Wallace (Special Projects Director). The UA office is located on the 4th floor of the Student Center, Room W20-401. Telephone x3-2696.

Time

The Rolling Stones, September 25, 1981
JFK Stadium Philadelphia, PA.

Seeing the Rolling Stones perform live reinforces the impression that can be gleaned from their recent albums: this is not the same band it was 15 years ago. Society and the music scene have changed, and so have the Stones.

The Stones were once known as the bad boys of rock and roll. They seemed to delight in inciting controversy and indignation in everything they did. However, in the decade and a half since those early days, the Stones have become so popular and their influence so widespread that they have become acceptable, even, as one of their songs suggests, "respectable."

They almost seem as eager to avoid controversy as they used to be to cause it. For example, lyrics on their latest album, *Tattoo You* are as innocuous as those of almost any top 40 group. Also notable is the complete absence on this tour of Jagger's salacious stage antics of the '75 and '78 tours.

is on

The concert at JFK Stadium was a testimony to media hype. Helicopters with TV crews aboard soared overhead continuously. Local newspapers sported headlines about the Stones for days before the concert. Radio stations featured all-Stones programming. Thousands of fans camped outside the stadium doors the night before the concert.

The doors opened shortly after 7am for a scheduled 11am start of the first warm up band, George Thorogood and the Destroyers. Thorogood played a fairly good set of Chuck Berry tunes and other rock and roll standards, along with a few originals. The next band, Journey, was extremely boring and fortunately, due to poor crowd response, only played for about 40 minutes.

The weather was perfect for an outdoor concert: sunny and warm, with a slight breeze. By early afternoon, when most of

their

the 90,000-plus crowd had taken their seats, I realized that this was the worst concert audience I had ever been in (and I've been in some bad ones — including the Who concert in Cincinnati). People were, for the most part, rude, loud, obnoxious, wasted out of their minds, and often hostile. I hate to think what would have happened if the Stones had cancelled.

The Stones finally took the stage at 4pm, two hours after Journey left the stage, opening with "Under My Thumb." Maybe Jagger, at 38, can't move as fast or jump as high as he once could, but he can still excite audiences almost to a frenzy. The rest of the Stones (joined by Ian McLagen on keyboards and Ian Stewart on piano), demonstrated their years of experience of playing to large audiences, looking as smooth and professional as ever and pumping out some great rock and roll.

The Stones played for almost 2½ hours, running through such standards as

side

"Honky Tonk Women," "Jumpin' Jack Flash," "Let It Bleed," "Brown Sugar," "Tumbling Dice," "You Can't Always Get What You Want," and "Street Fighting Man," as well as 7 of the 11 songs on their new album. There were a few surprises as well, such as "Let's Spend the Night Together," and "Time Is On My Side." After an encore of "Satisfaction," fireworks signalled the end of the show.

My main complaint about the concert (besides the crowd) is that the band wasn't very tight, and didn't seem too concerned with making the songs sound like the recorded versions. It's early in the tour, however, and after they have played together a few more times they should be a lot tighter. One recommendation: If you have a chance to see the Stones, don't go to one of the big outdoor concerts — they're too much of a hassle. Instead, go to one of the "small" Stones concert — with about 20,000 or less people.

Bill Detjefs

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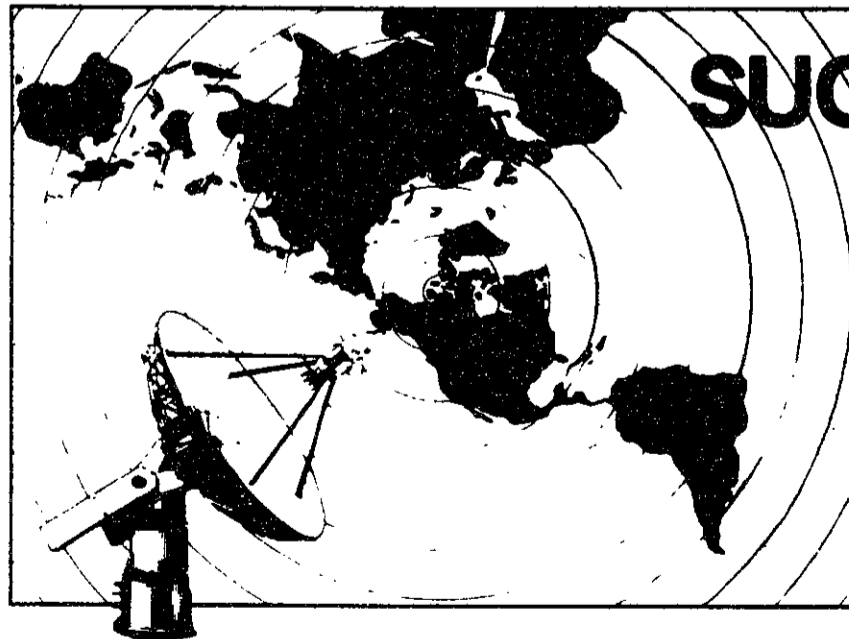
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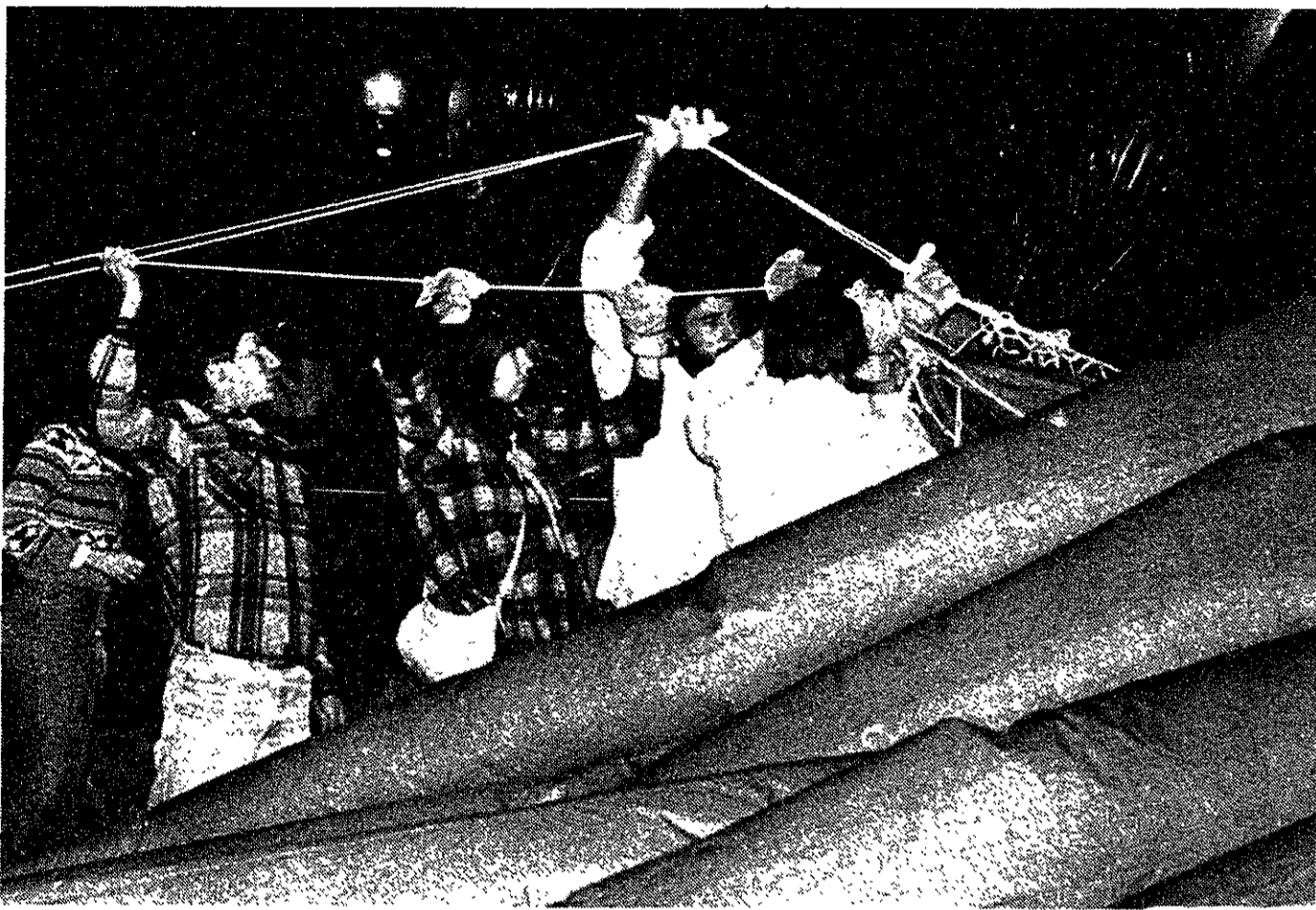
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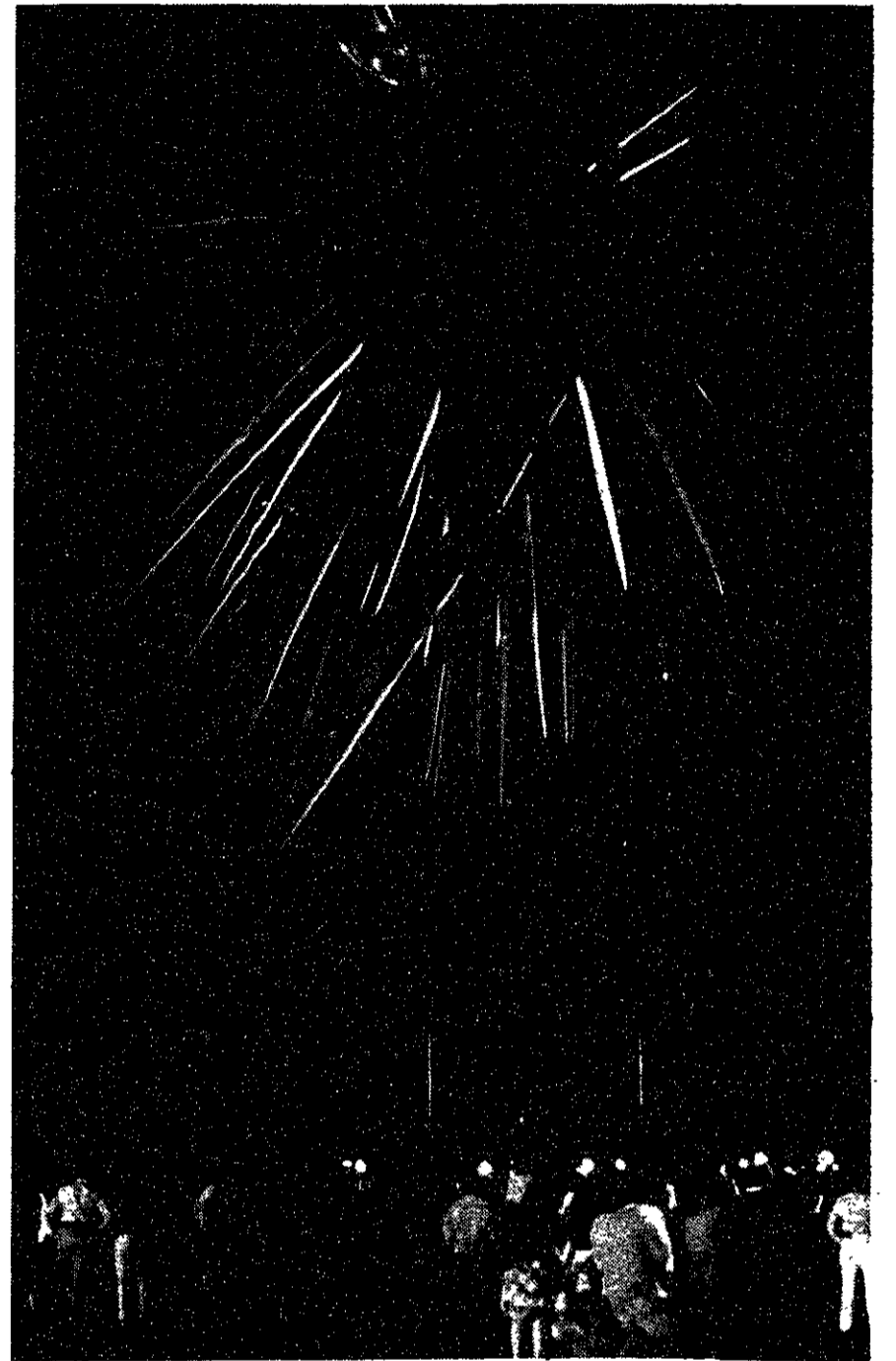
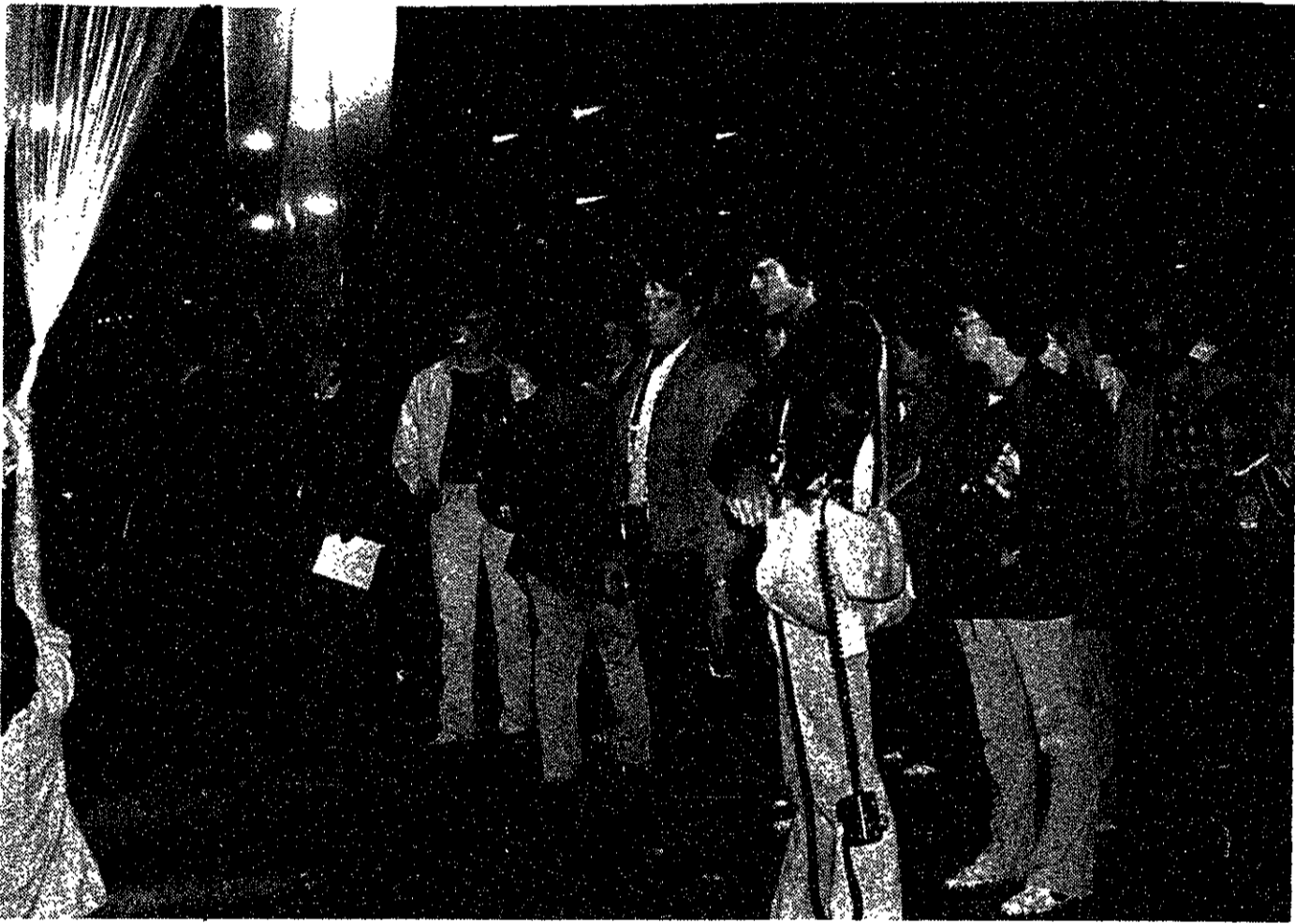
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Mike Peters on October 28

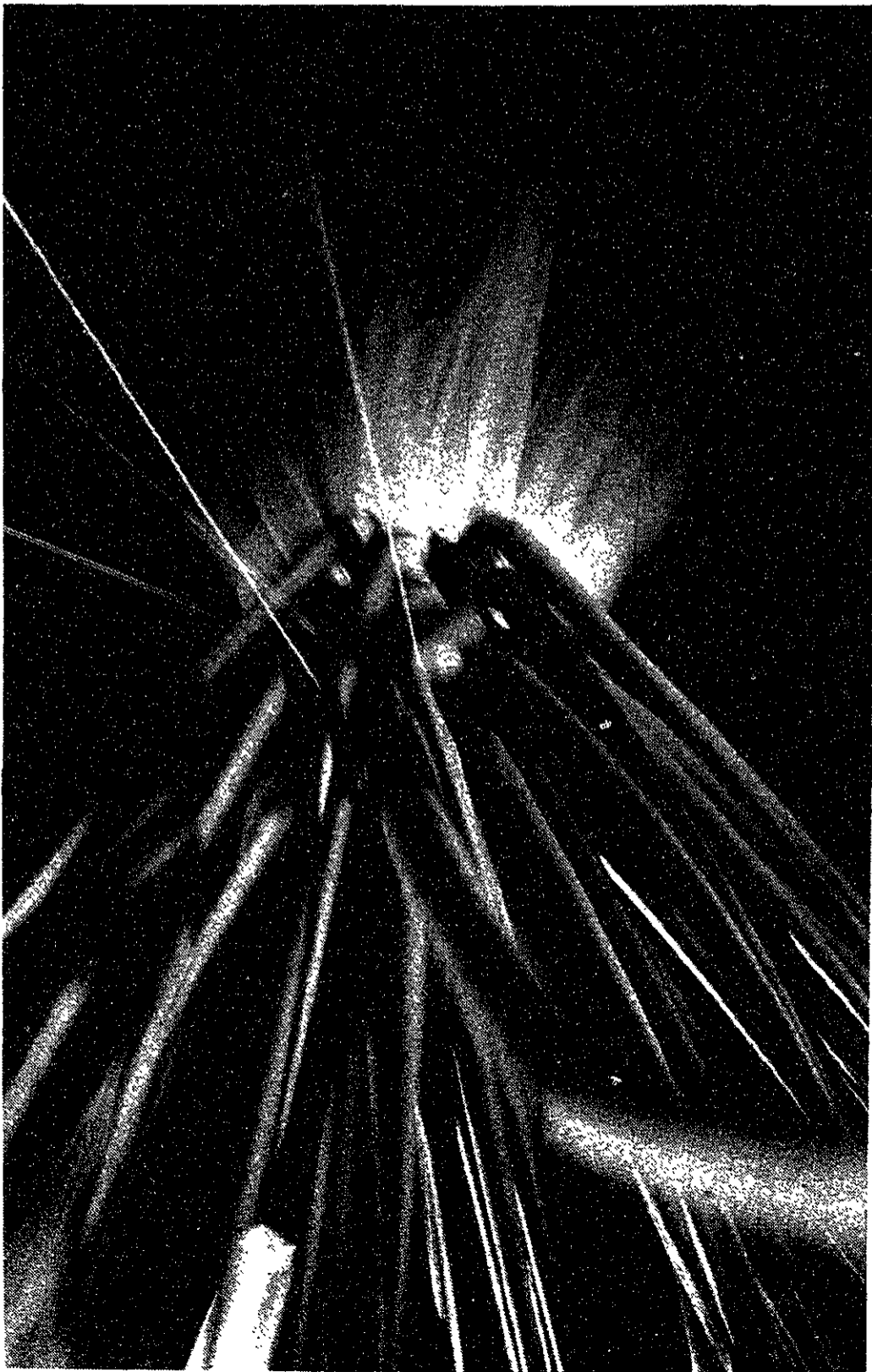
Lesley Stahl on November 3



THE LAUNCHING OF BLUE STAR LINZ



**Photos
by
Raymond Henry**



sports

Football routed 19 to 0

By Martin Dickau

What had started as a tough defensive football contest ended more like a rout as the Fitchburg State Falcons beat the MIT Engineers 19-0 Sunday afternoon.

After a tightly-played first half in which neither team was able to put any points on the board, the Falcons exploded for 123 yards rushing and one touchdown in the third quarter.

In the fourth quarter the Falcons added two more touchdowns, one by quarterback Dave Falkenstrom, who had 125 yards rushing on the day, and another on a 71 yard touchdown pass from Falkenstrom to tight end Bob Eldridge. Eldridge was last week's Offensive Player of the Week for the New England Conference of the National Collegiate Club Football Association.

MIT was hampered by the loss of quarterback Barry Jordan '83 to a knee injury after he was sacked in the first quarter. His replacement, Vincent Martinelli '85, did not have a bad day, however. Martinelli was 18-5-2 for 83 yards thanks to some very good catches by John DeReubis and Dan Curran in spite of strong opposition by the Falcon's defense.

MIT rushing game did not fare so well against Fitchburg's defense, however. MIT only managed to gain 74 yards during the entire game for a net game loss of one yard.

MIT was unable to capitalize on its own defensive work which

forced five turnovers including two interceptions and one fumble recovery by last week's Defensive Player of the Week Doug Gouchoe.

Starting with their arrival at the game site only 45 minutes before game time because of delays en route, it was not a very good day

for the Engineers. And Sunday's game was one the Engineers needed to win as they now go on to face the tougher teams in the conference, starting with number one ranked Worcester State. The game will be at home at 2pm. Worcester State is unbeaten so far this season.

Volleyball 8-1 with tourney win

(Continued from page 12)

First place MIT met ECSC in the finals. Slightly exhausted from an entire day and a half of volleyball, the MIT team watched almost passively as Eastern Connecticut gained a 9-5 lead in the first game. MIT woke up at this point, and the rest of the game was fairly even, but the early lead allowed ECSC to win 15-11.

The potent MIT offense came alive in the second game. Setter Linda Plano lofted the ball perfectly each time, and hitter Barbara Wesslund '84 rifled many hits past the Eastern Connecticut defense, as MIT edged ECSC 15-13. The third game was even from the start. Plano set another brilliant game, and hitter Peggy Kniffen '83 was punching the ball sharply into holes in the ECSC defense. The game grew very in-

tense when the teams stood tied at 12-12, but the Engineers regained the serve on a hard hit by sophomore Amy Smith. From then on the team maintained control, capturing the game 15-13.

The large trophy earned by the MIT squad was accompanied by a trophy for MIT's Most Valuable Player in the tournament, super setter Linda Plano.

Soccer wins in best effort yet

(Continued from page 12)

Simons to give the Engineers a hard-earned victory.

MIT's next game will be Saturday against Bates. Last year, the Engineers upset Bates 2-1 for their first victory after four consecutive losses.



The MIT field hockey team loses to Colby. MIT is in white and gray. (Photo by Gerard Weatherby)

Field hockey loses

By Eric R. Fleming

After a pair of season-opening wins, the women's field hockey team was shut out this Friday and Saturday at Steinbrenner Stadium.

Friday, the Engineers were blanked at the hands of Colby, 4-0, while on Saturday, Bates handed MIT at 8-0 drubbing. Saturday's game saw the visitors control all phases of play, as the Tech offense could never get started. Evidence of the one-sided nature of the game could be found in the first half statistics. Bates had 17 shots and ten corners, while MIT could not muster one of either.

Bates scored what proved to be the winning goal at 17:36 of the first half, on a tip-in of a rebound. By the end of the first 35 minutes, MIT found itself on the short end of a 4-0 count. The second half began much as the first, with Bates controlling the action deep in Tech territory. However, Cindy Farmer '84 put some life in the MIT attack with a good rush at the 30-minute mark, but it was all for naught as Bates upped its lead to 5-0 just a minute later. The only other good Engineer scoring opportunity came late in the game

when forward Liz Anderson '84 carried the ball up the right side, but fanned on the shot.

About the only bright spots for MIT was the first-half play of sophomore forward Karen Renaud, who had several good rushes, and Farmer's play in the second half. Tomorrow, the Engineers have a chance to turn things around when they host Endicott, a school they have had much success with in recent years. Game time is 3:30pm.

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John English '83 (# 18) kicks the ball during MIT's 2-1 victory
(Photo by Gerald Weatherby)

Soccer beats Trinity

By Martin Dickau

The MIT Engineers soccer team broke into the win column Saturday afternoon, defeating visitors Trinity College from Hartford 2-1 in what was probably the Engineers' best game of the season.

The Engineers opened the scoring just under thirteen minutes into the game when a shot taken by Ali Borhan '83 was deflected by Trinity's goalie John Simons right to the waiting Steve Pomeroy '83 who booted it past the fallen Simons.

Simons and MIT goalie Sang Han '85 then shut down the scoring, with Han coming up with some very impressive saves late in the half to preserve MIT's lead.

With just over four minutes remaining in the half, however, Trinity's Mark Lee took a shot at one corner of the net, collected his own rebound, and then shot the ball into the other corner past a scrambling Han.

In the second half, with the score knotted 1-1, the Engineers began putting strong offensive pressure on Trinity while holding the visitors to only one shot on goal during the whole period.

With less than nine and a half minutes to go in the game, MIT created a golden opportunity to score. Erik Toomre, '84, out in

front of the Trinity net, headed the ball in toward the goal, forcing Simons to commit himself. The shot never reached Simons, however, as it was intercepted by John English '83 who quickly headed the ball to where Simons was not.

As a result, Mike Herwitz, a Trinity fullback, was forced to catch the ball at the goal mouth. This gave MIT a penalty kick. John Busa '83, a Greater Boston conference All-Star, took the kick and easily put it past the diving

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Volleyball tops tourney

By Mary Petrofsky

Despite having played only one match together, the women's varsity volleyball team used strong teamwork to pound their way to victory in the Salem State Tournament last weekend. Nine matches into the season, MIT's record stands at 8-1.

The Engineers opened the season with a match against Salem State last Wednesday. MIT's solid team play carried the team to a 15-6 victory in the first game. After a rather poor second game which Salem won 15-9, MIT regained its momentum and won the last two games 16-14, 15-6.

Because of their win over Salem, the Engineers arrived at the Salem State Tournament two days later full of optimism and ready to again face Salem State. MIT took a 12-3 lead in the first game before passing failed; Salem pulled to within one point but the Engineers won the game 15-13. MIT had no trouble demolishing

Salem 15-6 in the second game because of great setting by Linda Plano '82 and awesome hitting by freshmen Lori Cantu and Janette Kauth.

The team's second match was against Fitchburg State, a much weaker team. Great defense by Stephanie Stein '85 helped the team beat Fitchburg 15-5, 15-6, along with the scoring of many points on sharp hits by Irance Reddix '82.

In the final match on Friday, the team faced Eastern Nazarethan College. Normally a good team, ENC fell apart when their spikes were continually dug by MIT players, particularly Akiko Kodaka '84, and returned as hard hits. Julie Koster '85 scored many points for the team with her hard hitting enroute to the MIT victory 15-7, 15-3.

MIT faced the only other undefeated team — Eastern Connecticut State College — in the first match on Saturday. MIT's emotional control of the game helped the team gain a 12-1 lead.

An ankle injury to ace spiker Lori Cantu slowed the squad's momentum at this point, but after ECSC brought the score to 12-5, MIT pulled together and won 15-5. In the second game, MIT scored many points on freshman Anella Munro's fast spinning hits down the line as ECSC fell 15-7.

In MIT's second match on Saturday, the team played the University of Vermont, a very good Division I team. The match began with a solid 15-10 victory by the Engineers. UVM came fighting back however, and won the match by defeating MIT 15-8 and 15-6 in the final two games of the match.

The team recovered quickly from their loss, beating Babson convincingly in the following match 15-11, 15-7. In the last match before the finals, the Engineers faced the University of Maine. Although MIT was struggling a little in the second game, the team won the match in three games, 15-4, 11-15, 15-1.

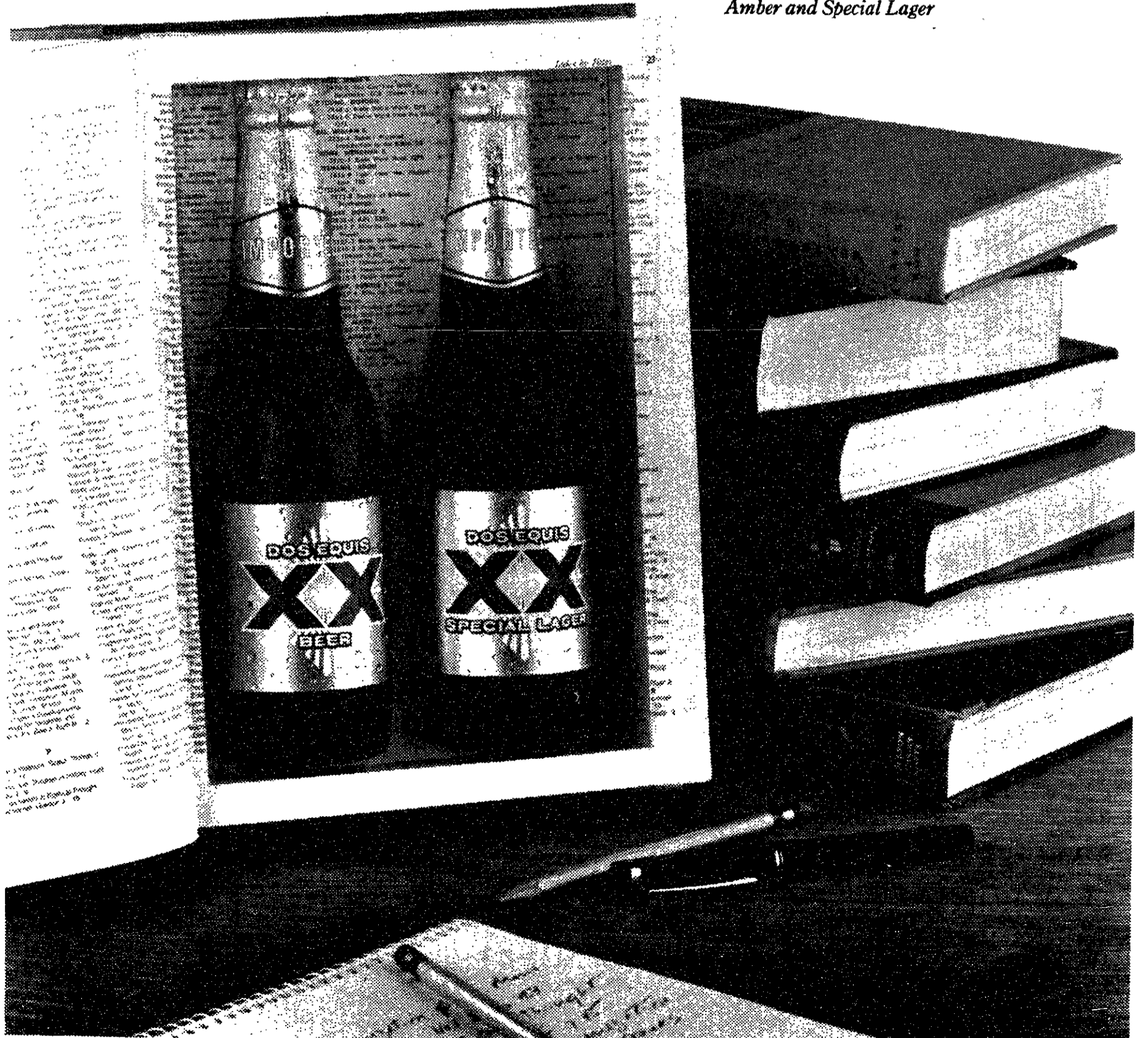
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