

MIT ranks 1st in math, second in computers

By Thomas Huang

MIT is ranked first among American universities in mathematics, second in computer science and geosciences, fourth in chemistry, and fifth in physics, according to a National Academy of Sciences (NAS) study of the prestige and effectiveness of graduate programs, *Science* magazine reported.

Ranking "the perceived quality" of department faculties on a five-point scale, the NAS study gave MIT's Mathematics Department a rating of 4.9, putting the Institute in a tie for top honors with Princeton University and the University of California at Berkeley.

In computer science and engineering, MIT also rated 4.9 points, second only to Stanford University. MIT's Department of Earth and Planetary Sciences rated 4.8 points, second to the California Institute of Technology in geosciences.

NAS gave MIT's Chemistry Department a 4.8 rating, fourth behind Caltech, UC-Berkeley, and Harvard University, all with a 4.9 rating. The Department of Physics also merited a 4.8, fifth behind Caltech, UC Berkeley, Harvard, and Princeton's 4.9 rating.

The study, begun by the NAS in 1980, includes 16 different measures of the quality of the departments, such as faculty size, number of graduate students in the department, and number of papers presented by the department from 1978 to 1979. Faculty members throughout the U.S. were asked to assess the quality of their fellow researchers, and the effectiveness and improvement of various university programs in graduate education.

MIT department heads in Chemistry and Earth and Planetary Sciences agreed with the study's reported results.

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Harold J. Hanham, Dean of School of Humanities & Social Sciences

Tech Photo by Laurie S. Goldman

Plan eliminates Course XXI head

By Jake Tinio

A reorganization of MIT's Department of Humanities — including elimination of the department chairman's post — will give its six departmental sections

greater autonomy, according to Provost Francis E. Low.

MIT is making the changes primarily to decentralize the department's administrative functions, Low said. Under the new structure, he explained, a section head will present his section's budget proposals, appointments, policies and personnel issues directly to the Dean of the School of Humanities and Social Science.

The reorganization should be completed before the next school year, Low said.

The six humanities sections are Anthropology/Archaeology, Foreign Languages/Literature, History, Literature, Music, and Writing.

The section chairs will become full members of the School Council of the School of Humanities and Social Science, according to Low.

"Under the earlier system," Low remarked, "the sections reported to the department head, who in turn reported to the Dean [of the School] and sat on the School Council."

The reorganization will "effectively enlarge" the School of Humanities and Social Science because more administrative units will report directly to the School, the Provost said.

Low stressed the Humanities Department and Course XXI

would continue as educational units despite autonomy of the sections.

A Humanities undergraduate office has replaced the Humanities Department headquarters, according to Dean of the School of Humanities and Social Science Harold J. Hanham. The office "will administer the Course XXI degree programs, much as the old Course XXI office used to do," Hanham stated in a recent report, but will report directly to him.

The office will also handle student inquiries about the Humanities, Arts and Social Sciences (HASS) requirement, provide support for the faculty's HASS committee, and provide staff support for special interdisciplinary programs, according to Hanham's report.

Questions about the most suitable structure for the Humanities Department have been raised for many years, said Peter Smith, associate dean of the School of Humanities and Social Science and former head of the Humanities Department.

Three years ago, an Institute Committee chaired by Professor Samuel J. Keyser, head of the Department of Linguistics and Philosophy, proposed a new structure for the Humanities Department, according to Smith.

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Hofmann: Link will print

By Ron Norman

LINK, a 2½-year-old MIT campus newspaper, missed its last two scheduled issues, but coordinator William D. Hofmann G. is "fairly confident" the paper will continue to print.

LINK did not publish the issues due to a lack of funds, Hofmann explained. He cited cutbacks by the Undergraduate Association (UA) Finance Board as a source of the newspaper's current financial problems.

A LINK meeting Sunday discussed plans for future issues. Hofmann would not discuss details of the meeting nor give specific dates for any future issues.

A major part of the newspaper's working funds came from the regular UA News advertisement and recent budget cuts by the Finance Board have stopped the advertisement, Hofmann claimed. "We're a sort of shoe-string operation," Hofmann said, explaining LINK has been in debt virtually since it started.

Charles P. Brown '84, Finance Board chairman, said "The UA News ad would bring them one quarter of the way closer to getting going."

"Prospects for the future are always uncertain," Hofmann said, "[but] this is not the worst

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Limit restrictions, NAS tells US

By Al Yen

A National Academy of Sciences (NAS) panel investigating the transfer of United States technology to communist countries has concluded few government restrictions should be placed on university research.

"In comparison with other channels of technology transfer, open scientific communication involving the research community does not present a material danger from near-term military implications," concluded the NAS Panel on Scientific Communication and National Security.

The US Department of Defense sponsored the panel's research because of "the use of American science and technology in the rapid increase in Soviet military strength," according to the group's report. Some government officials believe free communication among university scientists transfers technology useful for military applications to the Soviet Union.

The report responds to "public debate between, on one hand certain government officials concerned with national security, and on the other hand university

scholars, over placing additional restrictions in research," noted Professor John M. Deutch '61, dean of the MIT School of Science and a member of the panel.

The panel's goal "was to assess how much harm to our national security could be attributed to information losses from members of the scientific community, including university scientists," its report stated.

The panel concluded "scientific research and technological development are best nurtured in an environment where such efforts are dispersed but interdependent."

"Openness and a free flow of information are essential aspects of such an environment," the panel's report stated.

"The panel concluded that, in all but very rare cases, the damage that could be done by establishing controls outweighed the benefits of establishing them," Deutch said.

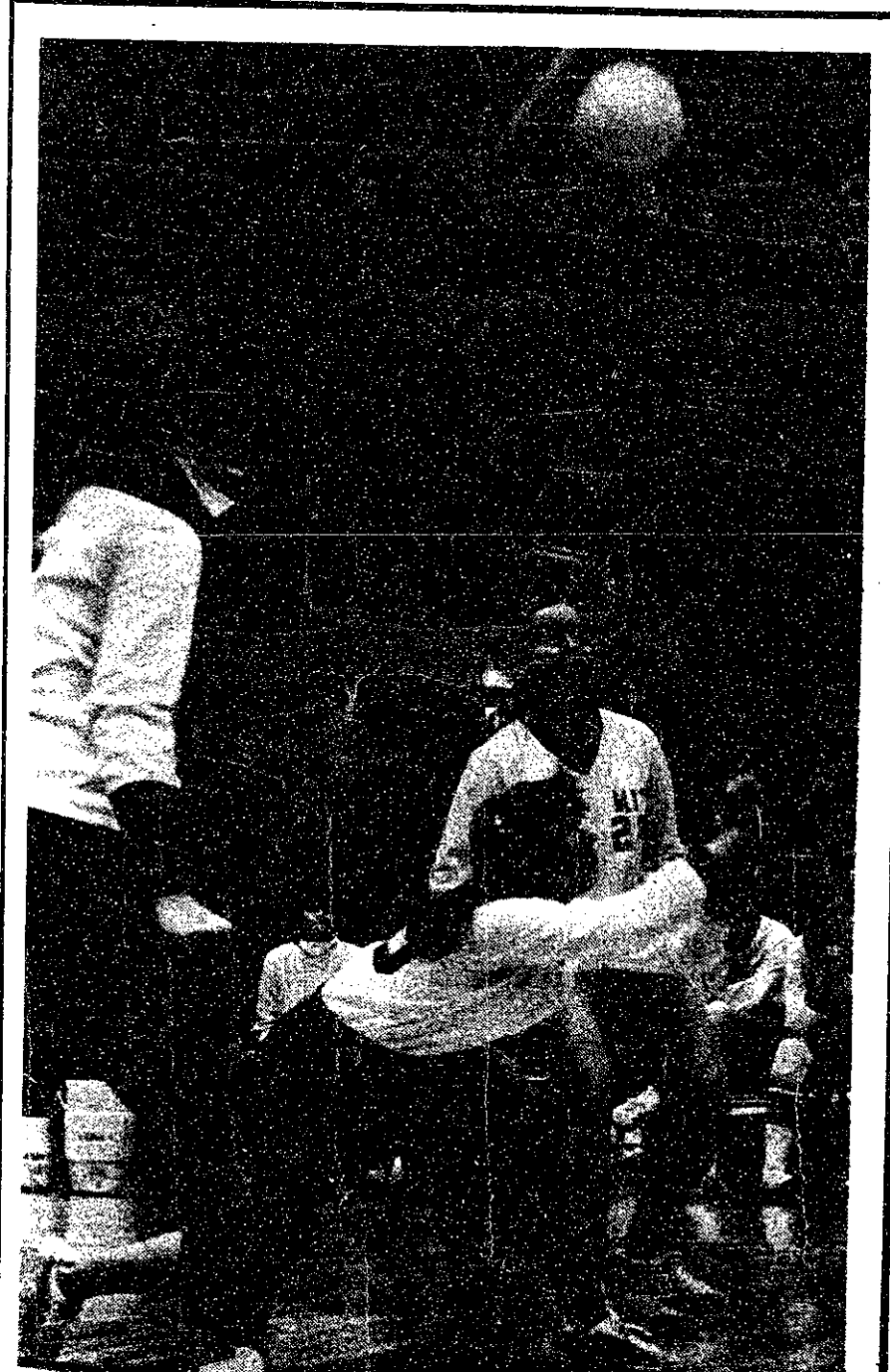
"Controls on communication present a significant threat to a central tenet of university life and as a result are likely to discourage university-based scientists from participating in certain areas of science. Not only is the advance of science thereby slowed, but also the breadth of knowledge in the university community is thereby gradually diminished," the panel asserted.

"Drain of information from the university is extremely small," said MIT Professor of Biology Alexander Rich, a member of the NAS panel. "The largest sources of technical drain comes from materials that the Soviet Union buys through commercial sectors."

The research of university scholars should continue, Rich said, and the lines of communication between scientists should be kept open.

"[The] panel recognizes that there are very rare instances where some set of restrictions might be desirable," Deutch commented. The government may need to restrict areas of research such as cryptography, very large scale integration (VLSI)

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Tech Photo by Omar Valerio

Anella Munro #25 makes a save during MIT's win over Keene State as Lori Cantu #21, and Janette Kauth #27 look on.

inside

Tech men second in Head.
Pages 4, 9, and 12.

Daiquiris highlight
General Assembly meeting.
Page 6.

Bush Fellowships will
bring science journalists to
MIT. Page 6.

WEEI-FM plays Stu's
favorites. Page 8.

MIT chemistry ranks 4th, physics 5th

(Continued from page 1)

"The rough assessment made by an earlier [MIT Corporation] Visiting Committee report indicated that we were in the top three in the nation," said Professor William F. Brace '46, department head of Earth and Planetary Sciences.

"The Chemistry department is certainly in the nation's top five," said Professor Christopher T. Walsh, Chemistry Department head, "It is, however, hard to

rank the departments within this top five. For instance, how significant is one- or two-tenths of a point in this study?"

"Departments change very quickly," Brace commented. "When the professors write their opinions of the departments, they might be thinking about how the departments were ten years ago. In this case, it might be more helpful to have an additional report on how graduate students in the past ten years have done in the outside world."

The prestige of the faculty does not necessarily represent the actual quality of graduate teaching. "In other words, a famous scientist just might not have time for his students," Brace said.

There is, however, no concrete evidence suggesting that the NAS study is unreliable, according to

Walsh. "If I had to choose an organization to do this study, it would be the National Academy of Sciences," he said.

The National Academy of Sciences was organized over 100 years ago as a group of scholars which advises the President of the U.S. and identifies important national issues in science, according to Brace.

Neither professor has yet received the NAS's official report. Professor Peter Elias '44, acting associate head of Course VI for computer science and engineering, declined comment until he sees the report. Physics Department Head Herman Feshbach '42 was out of the country and unavailable for comment, and Mathematics Department Head Daniel J. Kleitman was also unavailable for comment.

Tech. transfer not a threat, NAS reports

(Continued from page 1)

technology, and artificial intelligence.

These restrictions should exist in two basic forms: "Access by government experts to research material before publication [and] restrictions on foreign nationals' participation in research groups," Deutch said.

The panel recommended:

"... No restrictions of any kind limiting access or communication should be applied to any area of university research, be it basic or applied, unless it involves a technology meeting all of the following criteria:

The technology is developing rapidly, and the time from basic science to application is short;

The technology has identifiable direct military applications; or it is dual-use and involves process or production-related techniques;

Transfer of the technology would give the U.S.S.R. a significant near-term military advantage; and

The United States is the only source of information about the technology, or other friendly nations that could also be the source have control systems as secure as ours."

James R. Killian, Jr. '26, former president and former chairman of MIT, was also a member of the NAS panel.

notes

Registration for Physical Education classes for the second quarter will be held Wednesday, October 27th, from 8:30am to 11:00am in the duPont Gymnasium.

* * * *

Seniors who wish to apply for graduate study in the Department of Electrical Engineering and Computer Science during 1983 are urged to apply by November 1. Applications can be found in rooms 38-444 and 3-103.

The MIT Disarmament Study Group and the United Nations Association of Greater Boston will present a seminar on "The Present Nuclear Danger," with guest speaker Herbert L. Scoville, Jr., President of the Arms Control Association and former Deputy Director of the CIA, Wednesday, October 27, in room 9-150, noon to 2pm. All are welcome to attend. Dr. Scoville recently wrote a book entitled: *MX: Prescription for Disaster*, MIT Press.

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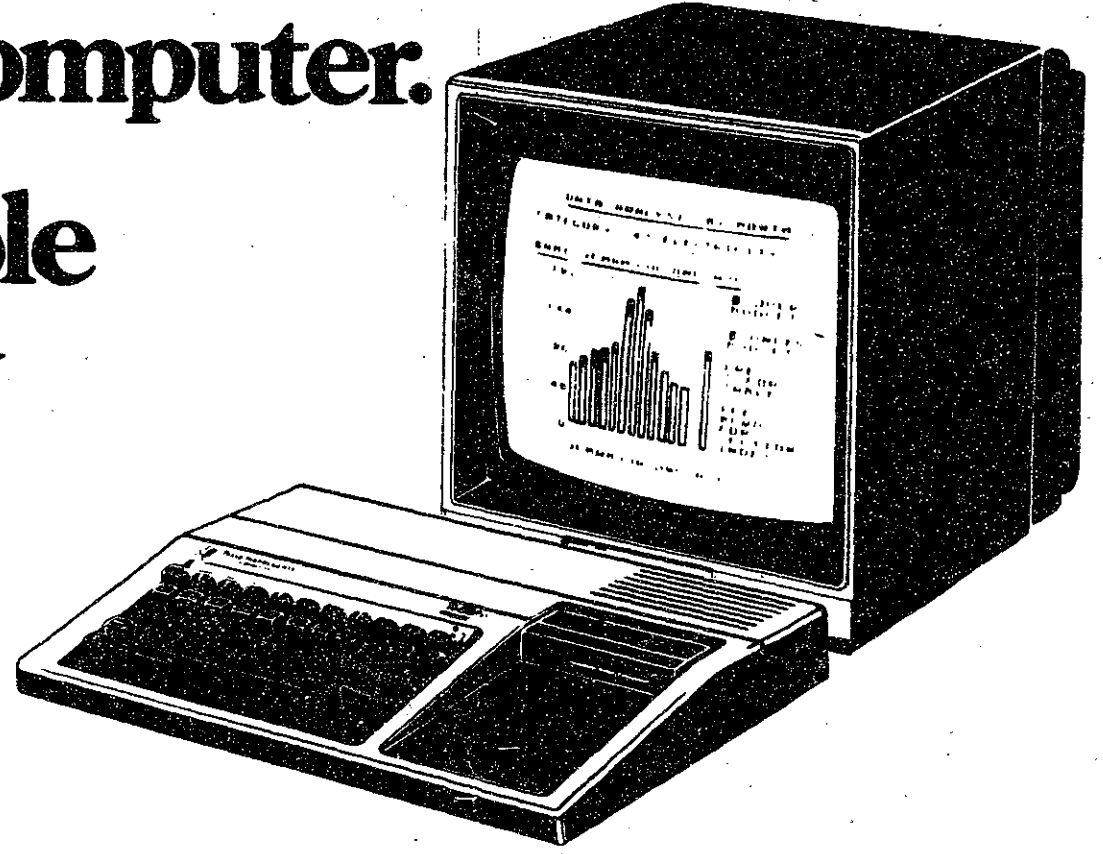
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notes

news roundup

World

Socialists win local Greek elections — The ruling Greek Socialist Party won a major victory in Sunday's local elections, capturing 100 of the 150 mayoral posts up for election. Socialists candidates defeated conservative opponents in the cities of Athens, Salonica, and Pireaus. "This vote comes to stress the faith of the people to the task we have undertaken, to form a government that can meet the expectations of the nations," said Premier Andreas Papandreou.

Israel may shut down El Al — The Israeli government announced Sunday it may disband or reorganize the deficit-ridden national airline, El Al. The Israeli cabinet offered El Al employees a new jobs plan which would cut their salaries about 20 percent and restrict their right to strike. Seven of the airline's eight worker's groups have accepted the new plan, but the airline's pilots refuse to do so. Although the government said Sunday it would continue to own and operate the airline, Transportation Minister Chaim Corfu said the Israeli government may no longer be able to afford an airline, and suggested it be sold to private interests.

Nation

FBI criminal records found inaccurate — A report from the Congressional Office of Technology Assessment says half of a sample of FBI records sent to state and local police and other agencies were either incomplete or inaccurate. Although a national computerized record-keeping and distribution would alleviate the problem, according to the investigator's report, Congress should seriously consider the danger such a system might be misused. Federal, state, and local governments have records on about 36 million Americans — 30 percent of the work force, the report notes.

Tony Zamparutti

Weather

A storm system battering the middle Atlantic states will send brisk winds and perhaps a bit of rain our way this morning. Skies will begin to clear this afternoon, with temperatures again reaching only about 50. Partly cloudy tonight, with low temperatures in the middle to upper 30's. The winds will disappear with the clouds tomorrow: Mostly sunny skies will bring a high of 55 degrees.

Barry S. Surman

The **Everett Moore Baker Memorial Foundation** will hold interviews to fill a vacancy on its governing board on Sunday, November 7, at 12noon, in room 400 of the Student Center. All MIT students — undergraduate and graduate — are eligible for the position. The Foundation, created in 1950 by the students of MIT, works to advance the goals of the late Dean Baker: The consider-

ation of human beings as individuals, a broad educational policy, dynamic extracurricular program, and congenial physical and intellectual environment at MIT, and international understanding. For more information, contact Keith Ashelin (x3-7898), Michael Lopez (267-5579), Barry Surman (x5-6675), or Susanne von Rosenberg (x5-8319).

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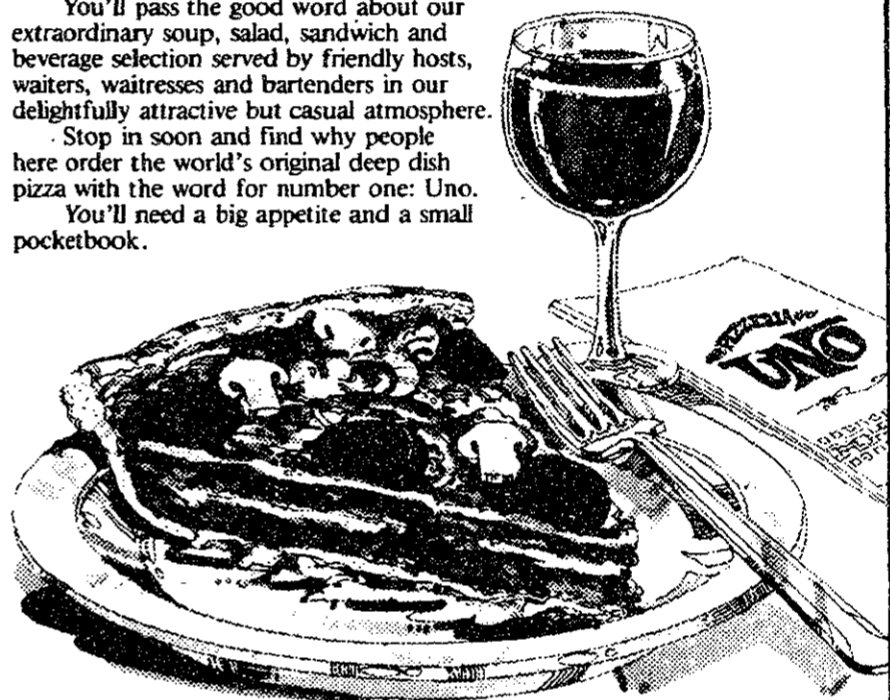
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Opinion

Editorials

Vote on referenda

Massachusetts voters will decide five important questions next Tuesday. The difficult issues implicit in the quintet of referenda on the November 2 ballot deserve thoughtful consideration.

The nuclear freeze issue, question five on the ballot, is one of the paramount issues of our day. The citizens of the Commonwealth should take this opportunity to send a message not just to Washington but to all the world's citizens that the nuclear arms race is unacceptable. The proposal on the Massachusetts ballot is strong, but reasonable: It calls for a mutually verifiable, bilateral freeze on development, testing, and deployment of nuclear weapons. A yes vote on question five is a small but important step toward regaining world sanity.

Despite Governor Edward J. King's repeated vetoes of the measure, the bottle bill provides an effective and relatively painless way to clean up Massachusetts. Similar legislation requiring deposits on beverage containers has been successful in states from Maine to Oregon. While bottlers and retailers claim a deposit would force increases in beverage prices, evidence in other states has shown this not to be the case. Vote yes on question four: Requiring a nickel or dime deposit on beverage containers is an effective way to encourage recycling and improve the environment.

The goals of question three, regulating low-level radioactive waste disposal and nuclear power plant construction, are laudable. The proposal's methods, however, are unsound. The Commonwealth has a tradition of local control and local decision-making, but this measure would strip communities of the right to decide if a nuclear power plant or radioactive waste disposal site should be allowed within their borders. Due to recent changes in Federal laws, hospitals, universities, and other institutions will need a disposal site in Massachusetts or surrounding states to continue important work in nuclear medicine, radiology, biology, and other disciplines. If question three passes, the development of a safe disposal site, and thus the continuation of important research, within the state will be endangered. While voters may support limits or an outright prohibition on construction of nuclear power plants and radioactive waste disposal sites, they should vote no on question three, for it is a poorly-conceived vehicle to meeting those goals.

The death penalty is not a proven deterrent to violent crime. It is merely an economically expedient alternative to incarceration of dangerous persons. If a society demonstrates disregard for the sanctity of human life, how can it expect its members to do differently? Vote no on question two: allowing the reinstatement of the death penalty can only exacerbate the violence of our society.

Allowing Massachusetts to provide aid to private schools when the Commonwealth's public schools are in desperate need of more funds is unconscionable. The quality of public education in the state has been in steady decline for years. Aiding private schools would require either diverting resources from other public programs or increasing taxes. Neither alternative seems particularly palatable. Vote no on question one.

Nom Comm woes

The Undergraduate Association Nominations Committee, which is responsible for nominating undergraduate students to Institute committees, will finally hold fall nomination hearings later this month. The committee did not meet for over a month, in part because its chairman is absent from MIT this term. When some members finally realized their chairman was missing, they were unable to assemble enough members to achieve a quorum.

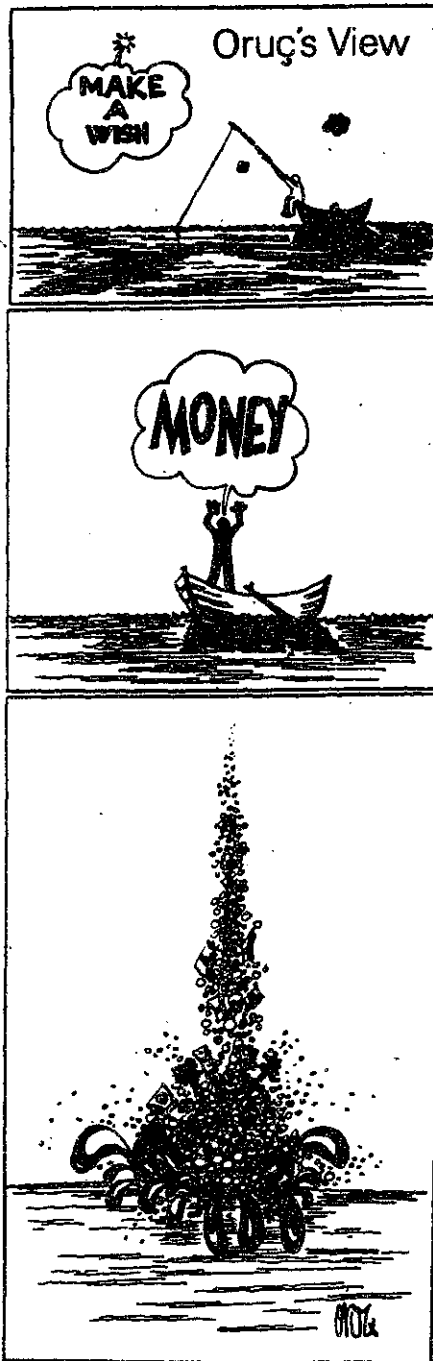
The student positions on faculty and presidential committees are among the few officially sanctioned means for bringing student opinions into the Institute's decision making process. Student opinion has direct impact on committee decisions, as demonstrated by student proposed compromises in the faculty Committee on Educational Policy's recommendations for freshman year evaluation.

It is inexcusable that half a semester has passed with no activity by the Nominations Committee. In failing to place representatives on Institute committees, the student government has not done its job. Responsibility for this fiasco rests not only with members of the Nominations Committee, but also with UA President Kenneth Segel, who is ultimately responsible for effective functioning of the Undergraduate Association.

The Tech

Ivan K. Fong '83 — Chairman
 Jerri-Lynn Scofield '83 — Editor-in-Chief
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Column/David C. Linglebach

On regional America

The World Series victory of the St. Louis Cardinals has set me to thinking, strange though it seems, about the nature of an American Renaissance. The presence on the playing field of two Midwestern teams, the fact that neither side was bought in the same way that the New York Yankees or the California Angels were, the deep-running partisanship of the two host cities for their respective clubs, and the sense of fairness in the competition that is missing from much of modern American sports was so pleasant when contrasted with other newsworthy events of the week. More suspects in the Tylenol case, more institutional investors pushing the Dow-Jones to literally incredible highs, and more reassurances from the Reagan Administration that American politics and economics can be repaired within the context of their agenda must make the reflective citizen uneasy with much of what passes for public life in the United States in 1982. The World Series could make him think otherwise.

It is clear, from the ballpark and intellectually rarefied climes, that the prevailing political trend in North America is towards a regionalism based less on the prevalence of local values than it

is on rather arbitrary cultural and geographical boundaries. That is, national movements which concentrate on a single issue, whether the nuclear arms competition, feminism, or the return to some prior pure moral state, will find themselves prey to increasing numbers of inter-regional conflicts founded as much in emotion as they are in reality. Whereas even ten years ago the cultural distinctions that could be drawn between regions of the United States were few and irrelevant to political consideration, the current American President has explicitly acknowledged the existence of regionalism by encouraging citizens to vote with their feet if they felt dissatisfied with the cultural, economic, political or climactic conditions in their particular corner of the country. It seems that it is no longer the concern of government to maintain the idiosyncratic mosaic of American cultural life, as much as it is to streamline the American economic system along the line of some Japanese-style work ethic.

What is at fault with the prevailing ideal of American regionalism? To start with, it wrongly presumes that economic recovery

(Please turn to page 5)

Robert E. Malchman

Blear and rowing at the Head

There is nothing — absolutely nothing — half so much worth doing as simply messing about in boats... or with boats... In or out of 'em, it doesn't matter.

— Kenneth Grahame

I think I am dead.

Then I realize I am not in Hell, but rather at 7:16 on a Sunday morning — a good first order approximation — and have to cover the Head of the Charles.

Naturally the SCC coffeehouse is out of bagels, except for the disgusting raisin kind, so I settle for a Bavarian cream doughnut. I swear I will kill Ken Dumas for purposely ordering an insufficient supply of bagels for my breakfast. Damn, I forgot to bring the malt liquor to wash the doughnut down. I settle for a belt of Southern Comfort. I can't believe those treacherous bastards at Libby's have jacked the price of Turkey up out of my price range.

I go to the boathouse to meet some photographers. But the only real-man I find there is Omar. All the other treacherous bastards have punted the assignment, leaving only my man Omar and me to cover this thing. We meet the coach, and he says we'll leave soon.

Dartmouth, FIT, and Notre Dame are sharing our boathouse. I have the urge to ask one of the Notre Dame crew what life in middle America is really like, but I don't. They have a photographer who's really cute, but Omar didn't get a picture of her, but I forgive him anyway because I know it wasn't malicious because he thought she was cute, too.

Eventually we're ready to go, and lightweight coach Frank Nezcypor, heavyweight coach Pete Holland, Omar, and I go to Nezcypor's jeep. Omar and I are supposed to ride in back. We stop on Storrow Drive and wait for the lightweight eights to start. The race starts and the coaches and Omar pile into the jeep.

I think I am going to die. I am hanging on the back of the jeep trying to climb in, and Nezcypor takes off. I fall off. I wait for Nezcypor to back up, crushing

me under his wheels. He doesn't, so I get up and climb in and we go. Omar asks if he can keep getting into the jeep first because his lens might break if he falls on the highway. Sure, Omar, sure.

At the finish line, after a few more stops and no deaths, Nezcypor is happy. The team did well, he believes. Omar and I decide to walk back to absorb the flavor of the race, and maybe the flavor of some food, too.

Our first stop is the surrealistic Cambridge Boat Club. It's populated in large part by nice little old ladies and has a press room, but no press corps. We wait in vain for half an hour for race results and I eat a stale but free muffin. No results being obtained, we leave and continue walking back to MIT.

We realize we'll never make it back to Nezcypor's jeep for the next race, so we stop at the starting line to see if we can find results. The starting line is the BU boathouse, and admittance is granted only to contributing alumni and their friends. We, being neither, flash our press cards and gig the guard into letting us in.

For a third rate college, BU puts out a nice table. There are free BU crackers, free BU dip, free BU cheese, and most importantly, free BU champagne, of

which I imbibe some half-dozen plastic glassfuls.

Omar, having not consumed a great deal of alcohol, is worried. "Are we allowed to do this?" he asks, tentatively biting a Wheat Thin.

"Sure," I replied, "just try to blend in."

Omar nods and leaves to take pictures. I try to look as inconspicuous as possible as I cut my fourth giant slab of free BU cheese. I walk down to the water where Omar is and he's not there. Calmly, coolly, I walk around the boathouse, inside and out, looking for him. He is gone.

Omar is dead. The treacherous BU bastards have caught him and killed him for eating the Wheat Thin. They probably tortured him to find out who his writer is. Brave Omar, tortured to death, but never revealing me.

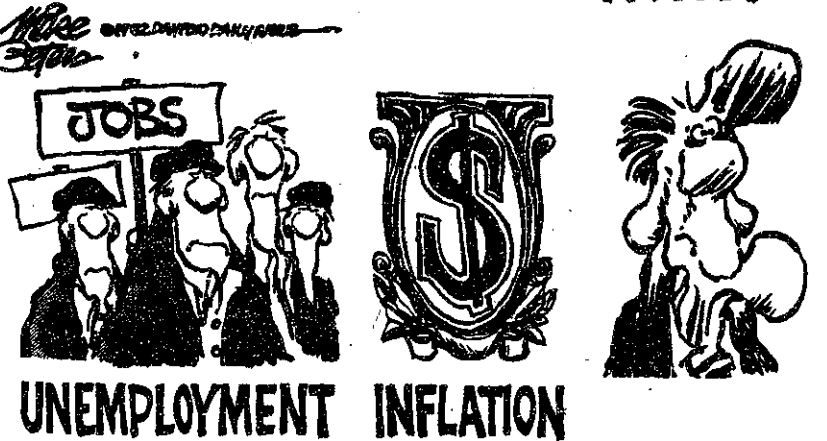
Unless he did. Unless the BU boathouse people are looking for me. That treacherous bastard Omar probably gave them a complete description, down to my dirty parka and white Pumas.

I quickly stroll to the exit. Just in case Omar escaped, I cleverly ask the guard on my way out if he saw the photographer I was with leave.

He says he can't be sure, but doesn't think so. That seals it. Omar is dead.

(To be continued.)

WHAT IS THE WORST PROBLEM JIMMY CARTER LEFT US WITH?



Science journalists to study at Institute

By Barry S. Surman

Journalists covering developments in science and technology and their social impact will have a chance to study at MIT beginning next year, thanks to grants from two large foundations.

The Bush Fellowships — named for Dr. Vannevar Bush '16 — will support up to eight writers and broadcasters at the Institute each year, beginning in September 1983.

The Andrew W. Mellon Foundation is providing \$500,000 and the Alfred P. Sloan Foundation is contributing \$250,000 to launch

the program. The Sloan Foundation will likely offer an additional \$750,000 over five years, according to the MIT News Office.

"We would like to do our part in fostering a richer partnership between the technical and journalistic communities," said President Paul E. Gray '54. "The aim of this partnership is continued improvement in public awareness about technology, science, and their growing influence on our lives and aspirations."

The Bush Fellows will participate in a special seminar in the Program in Science, Technology,

and Society (STS), and visit laboratories and audit classes throughout the Institute.

The program is designed to offer the Bush Fellows deeper familiarity with the processes of scientific and engineering research and wider acquaintances among leading researchers, to increase faculty involvement in science and technology journalism, to examine efforts to inform the public about technical developments and their implications, and to broaden the interaction between STS and the rest of MIT, the News Office stated.

Victor K. McElhenny, STS principal research associate, will lead the new program. McElhenny has served as a science and technology reporter for *The New York Times*, *The Boston Globe*, and *Science* magazine.

GA chooses Ayyadurai

By Tony Zamparutti

The Undergraduate Association General Assembly (GA) elected Shiva Ayyadurai '85 its new floor leader at Thursday's GA meeting.

Former GA floor leader James Taylor '84, a member of the faculty Committee on Educational Policy (CEP), told the General Assembly the CEP is reconsidering its proposal to change freshman pass/no credit. Faculty members questioned the premises and the provisions of the CEP plan at last Wednesday's faculty meeting.

About thirty GA representa-

tives attended the meeting, including one student carrying a portable television set. Before the meeting, Undergraduate Association (UA) President Kenneth Segel '83 and Secretary General Katherine Adams '84 served strawberry and banana daiquiris.

The General Assembly also tabled a motion, proposed by Ayyadurai, requiring that members of class ring committees not accept free rings from the manufacturer. Kenneth Freedman '84, who ran against Ayyadurai for GA floor leader, was the chief opponent of the motion.

(Please turn to page 7)

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Reshots are free!

Out of money, *Link* skips issues

(Continued from page 1)

situation we've been in." Each issue of *LINK* requires about \$400 to print and distribute, he explained, and the loss of the UA News advertisement didn't allow

Humanities reorganizes

(Continued from page 1)

The humanities faculty did not support the Keyser Committee's plan, Hanham said.

Low, Hanham, Smith, and the section chairmen met in May to consider reorganizing the department and proposed some of the reforms now being implemented, Hanham said.

The school's faculty strongly favored the new proposal, and a series of meetings lasting through June led to the present reorganization of the department, according to Hanham.

Along with the reorganization, listings of humanities subjects in the *MIT Bulletin* will be changed next year, according to Smith. Rather than a numerical listing, each subject will be listed with a code using three letters for its particular section followed by three digits for the particular course.

For example, literature subjects will be listed "LIT," followed by three digits. The new numbering system has not yet been determined.

With the new system, MIT students will be able to find particular subjects more easily and will clearly understand the differences in the six sections' curricula, Smith said. A seventh category will list special interdisciplinary subjects which do not fall into a specific humanities section, he added.

"This whole change responds to the strength and integrity of the disciplinary programs of the separate sections," Smith noted.

GA elects Ayyadurai Floor Leader

(Continued from page 6)

Through experience in student government, Ayyadurai said, "I have been fortunate in acquiring some sense of why student government may seem ineffective."

"The role of a GA rep. must take on a new dimension — that of initiator," Ayyadurai told the members. "We . . . must seek issues of importance within our constituency and bring those issues to the limelight."

Freedman, in his candidacy speech for GA floor leader, told the assembly, "I feel I can help revamp the GA." He said he would restructure GA committees, increase publicity of UA elections, urge representatives to attend GA meetings, and find a guest speaker for each meeting.

Although the GA floor leader can have a lot of influence, former floor leader James Taylor '84 said, "The only thing you have to do is make sure the minutes are out and the agenda is typed."

The General Assembly tabled Ayyadurai's motion setting specific bylaws for all class ring committees after a long and inconclusive debate. Freedman and Class of 1985 President Robin Barker opposed Ayyadurai's proposal.

the newspaper to print its last two issues.

The Finance Board made cuts in the UA budget because it did not receive a budget increase from the Office of the Dean for Student Affairs this year, Brown said.

UA Vice President Kenneth J. Meltner '83 said he decided to stop running the UA News in *LINK*, because he did not feel the advertisement was effective there. Cutting the *LINK* advertisements saved the UA about \$800, Brown said.

The UA News advertisement continues to run weekly in *The Tech*, Meltner said.

The Finance Board has started limited-scale funding of *LINK* for the next three semesters. The plan subsidizes the newspaper by a percentage of its advertising revenue: 30 percent this term, 20

percent in the spring, and 10 percent in fall 1983.

"We're a bit careful in getting into funding of *LINK*," Brown said. The Finance Board does not have a long-term involvement with *LINK*, he emphasized.

LINK is in a much better financial situation than it has been in the past, Hofmann said, and the newspaper is now able to pay all of its debts.

There are enough people and enough news issues to continue, Hofmann said. "We really do hope to be out in the future."

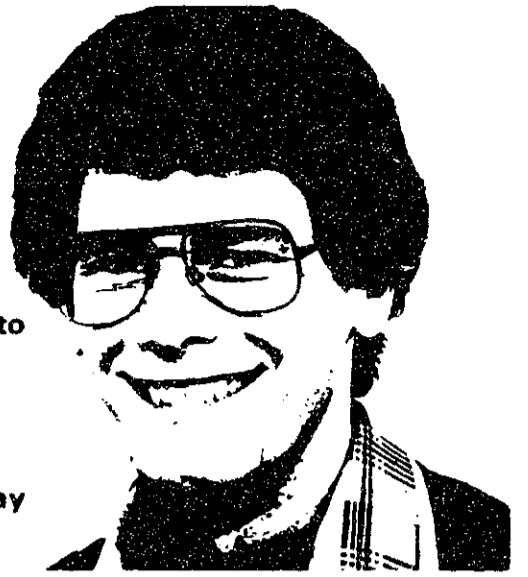
LINK was formed in spring 1980 as an alternative to *The Tech* and *Ergo*, Hoffman explained. "It was intended basically to be an open forum for the MIT community," he said. "It is still an open forum . . . and is now also for news and creativity."

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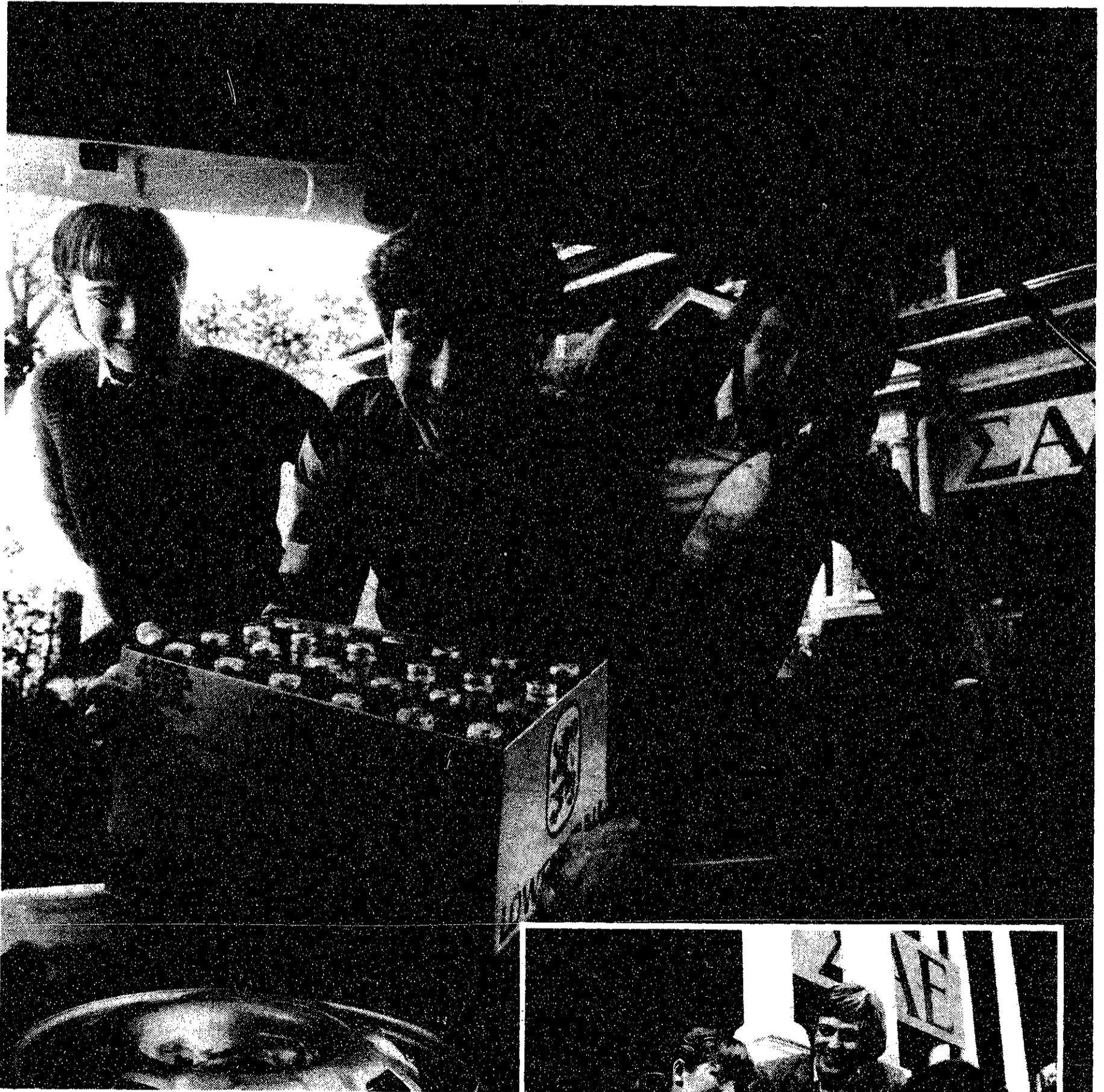
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notes

Students interested in applying to be R/O '83 Coordinator should attend a brief informational meeting Thursday, November 4, at 5pm in the UASO, room 7-103.

Radio

On October 8, Hitradio jingles were heard on 103.3 MHz for the first time as WEEI-FM committed itself to a new Top 40 format. Hitradio replaced five years of adult contemporary soft rock: WVBF, WROR, WEEI, and a relative newcomer to the field, WMJX. Once Magic 106 began broadcasting, the audience divided, lowering WEEI's Arbitron share from a 4 in the fall to a 2.8 this past summer.

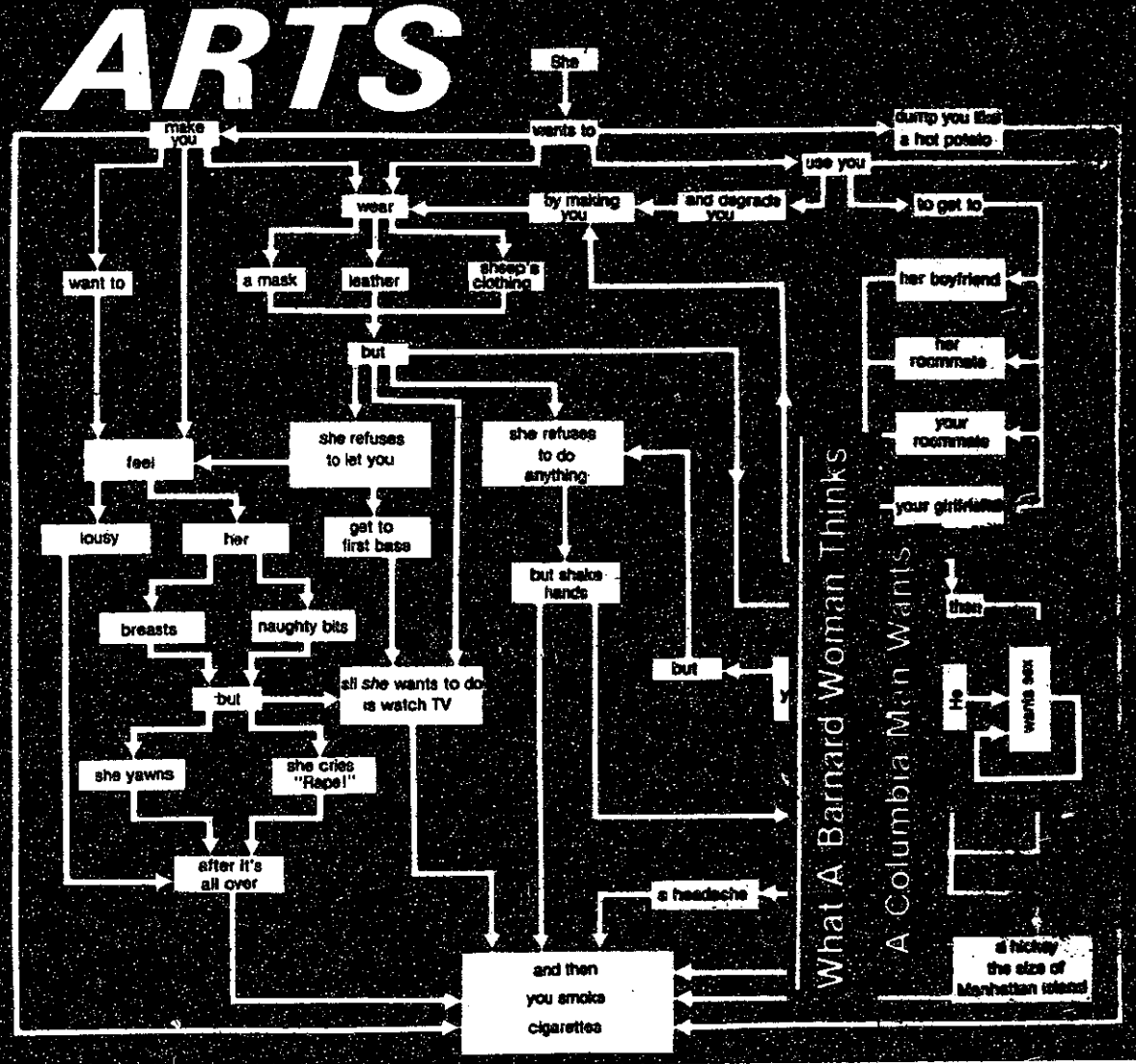
Boston's number one radio station, WXKS-FM (Kiss 108), broadcasts with an urban contemporary format. Many of the other top-ranking stations use an album-oriented rock format. Hitradio is a Top 40 format, a style which has not been seen in the Boston area since WVBF abandoned it a few years ago. Two CBS-FM stations using a similar but more energetic Hot Hits format, WCAU Philadelphia and WBBM Chicago, have done exceedingly well in their area. WBBM has risen to number 3 among the 18-34 age group since going on the air in April. Although WEEI had a loyal group of listeners, the numbers were not there and a gradual change toward the new format began a few months ago. David Austin, General Manager of WEEI, told us that people are looking for more lively music; they no longer wish to be mellowed out. Top 40 is providing that sort of music, and with great variety.

For the time, WEEI will be strictly formatted, playing only songs cut since 1977, the majority of which will be current hits. The disc jockeys do not have too much freedom, but their banter has not been totally restricted. The line-up has Lisa Karlin (formerly of WBCN) joining Bill Smith for the morning. Alex Stone, from Orlando's WLOF, has taken the evening slot. Dick Gunton in the afternoon, Hillary Stevens after midnight, and a midday DJ to be announced this week round off the group.

The jocks aren't obnoxious — they do not talk over the first and last thirty seconds of each song. Unfortunately, they usually don't bother announcing the title of the song either. The new format does, however, provide them with enough room so that the station does not sound programmed, as so many other Boston stations do. While reception in some areas of campus is unimpressive, a properly set up dipole should help matters. Judging by WEEI's sound over the past two weeks, we have confidence that the station will get their old numbers plus quite a bit more back over the next year.

Stuart Gitlow

What A Columbia Man Thinks A Barnard Woman Wants



Video

The Complete Home Video Handbook, by Mark Dunton and David Owen; published by Random House Books; \$19.95 hardcover.

By Murphy's Law, the day you purchase any consumer electronics type of device, the manufacturer is likely to introduce a better model at half the price. While consumer guidebooks seem to be always out-of-date, *The Complete Home Video Handbook* is not.

The first section of the book covers all the necessary basics in rather complete detail. Four pages have been allotted to connecting cords and plugs alone. Diagrams are clear, numerous, and the more esoteric points are boxed in. In addition to discussing the usual Beta and VHS formats of home videotape, Video 2000 is also investigated. Dynamic Track Following is this format's claim to fame and, according to the authors, "enthusiasts looking for above average quality should consider it." Of course, video disc players, compact video movie systems, and the new Toshiba Longitudinal Video Recorder are also discussed alongside the VCR's.

The third section moves on into video monitors; while not containing a complete guide to available items, chapters on data viewing (TeleText), antennas, large screen sets, and satellite receivers are included. All of the text is interesting, concise, and complete. The camera sections, in full color, as well as describing the mechanics and electronics of the system, describe the correct procedure to use while filming. The book continues to take the finest qualities of home movie books and translate them into video tape terms. Then, the authors take a step too far — a guide to proper scripting for the amateur's home documentaries is included followed shortly by a professional editing and special effects generator section. After this "add-a-studio" chapter, a look at commercial videotaping and video security is tacked on. Most of this seems extraneous in a *Home video handbook*, especially since it may have been deleted to lower the \$20 retail price.

The appendices make up for it slightly as they contain a very well-written, easy to follow specification discussion, TV standard chart, and the addresses and phone numbers of nearly all the major video equipment manufacturers.

As prices of video caent have come down over the last few years, the cost of a good color home video system is no more than that of a fine stereo. Dunton and Owen have made the first successful move into the rapidly expanding market which some feel may eventually overtake cinema motion pictures completely. Stuart Gitlow

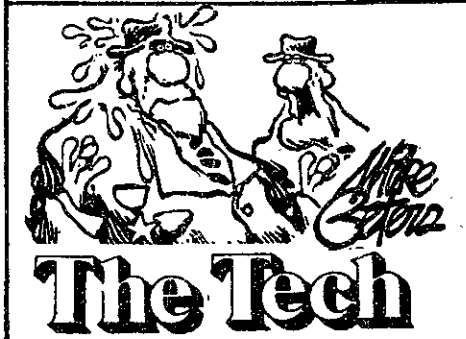
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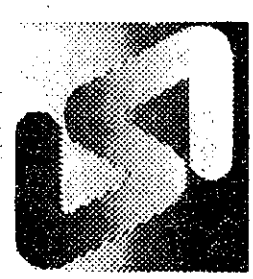
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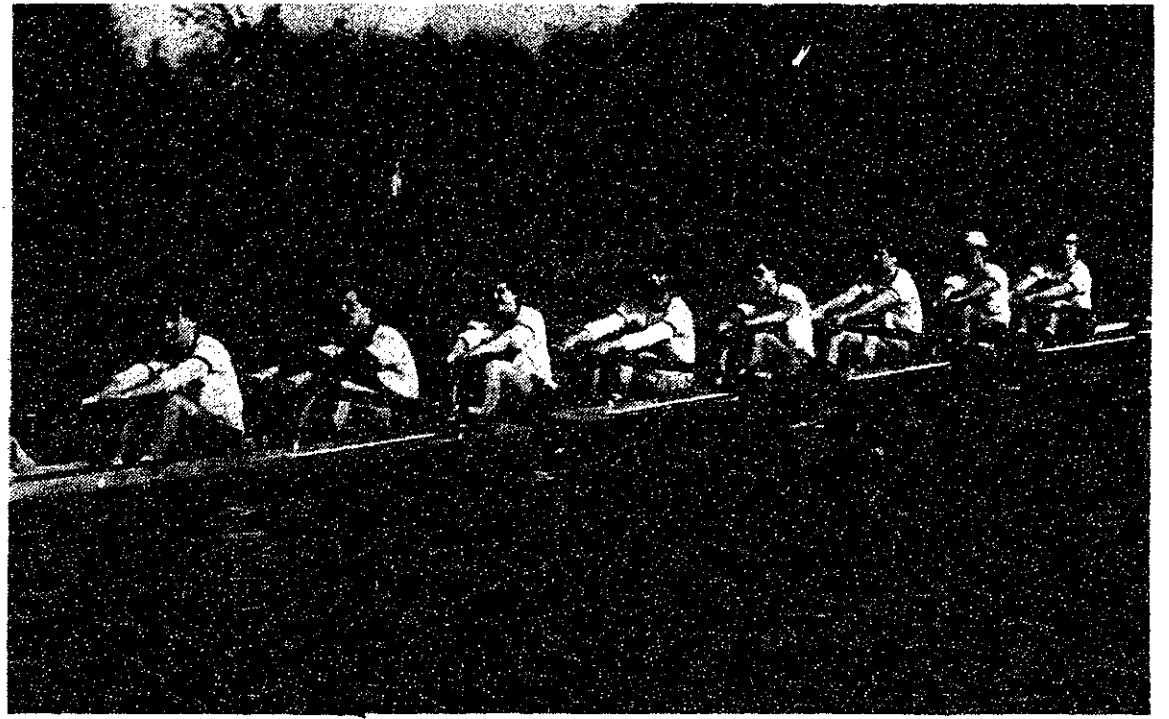
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The Head of the Charles

A Sunday's rowing

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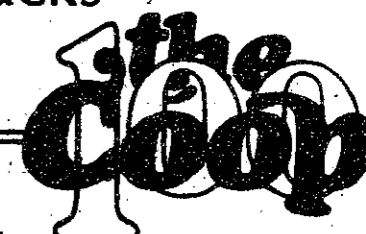


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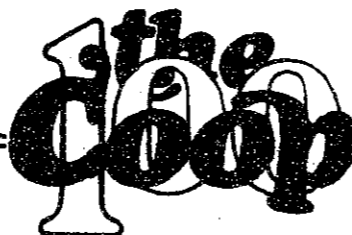


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sports

Football downed, now 2-4

(Continued from page 13)
the score remained 21-0 at the half.

Assumption added to its lead halfway through third quarter with a reverse that completely fooled the visitors and allowed Pallotta to run fifty-two yards for the score.

The MIT offense then began to assert itself, as the Engineers put together a drive from their own fifteen and ending just seven seconds into the fourth when Curran plunged the final two yards for the touchdown. Tom Hastings' G kick made the score 28-7.

The Engineer defense continued to look strong, holding Assumption to a loss of one yard on its next three plays. A penalty on the punt return gave MIT the ball on the Assumption thirty, and it did not waste this opportu-

nity. Halfback Dave Peakes '84 got the call on fourth and one on the ten and made it all the way to the goal line for the second MIT goal. Hastings kick narrowed the score to 28-14.

After an attempt at an onside kick failed, the Greyhounds took possession and marched to the Engineers' six-yard line, where the defense forced yet another fumble, this time with linebacker Jim Hatfield '83 recovering on the five. On the next play, however, Peakes had the ball stripped from his arms. It took only three plays for Assumption to score the final touchdown.

Next week MIT will be at home against the Hawks of the University of Hartford. The Hawks at 0-6 are still looking for their first victory. The game will take place at Steinbrenner Stadium at 2pm.

on deck

November Home Events

November 6
Pistol vs. Navy, 10am
Men's Rugby, MIT Tournament
Water Polo, New England Championships

November 7
Water Polo, New England Championships

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Ge Mom, Can I Go Out and Play Now, Huh, Mom?
As the sun slowly sets and the confused UA News editor ceases his ramblings, a few thoughts do come to mind. The UA will have a bunch of new projects to work on. There will be no fame or glory — just work and a feeling that you've helped MIT to be a better place. If you have any idea, good or otherwise, come to the UA office (W20-401) and leave Ken or Ken a note. You can also call us (operators will be on duty) at x3-2696. As a mind slowly crumbles into sawdust, the editor would like to wish you a good week and a happy Halloween.

Rune wants you!
Get published! Contact Rune, room 14E-310, and send those submissions in with return address. Nuff said.

Editor Attacked by Comic Mentality

I don't know what happened. Suddenly, a dark wave came over me and I wanted to push the button — but there was no button.

Which Reminds me...

Dr. Hervert Scoville, Jr. will present a seminar about "The Present Nuclear Danger," Wednesday, October 27, 1982, in 9-150 from noon till 2:00pm. This is co-sponsored by the MIT Disarmament Study Group and The UN Association of Greater Boston (greater than what? Boston Quasimodo He's Not

will present Richard III at 8:00pm in the Sala de Puerto Rico on October 28 through November 2. Now's your chance to understand all those Watergate jokes that you heard as a kid! Tickets are \$3.00 for students and there are group discounts. Call x3-2903 for more information or reservations (frankly, I have my reservations about this play, but I am a bit feverish).

dn.



UA News

Leave Me Alone
Your illustrious editor is currently suffering from a terrible sore throat and all his glands have gone on a shopping spree. Don't expect much from this UA News; I was lucky to get out of bed.

Grease Unfairly Uses UA News

Ken Segel, the distinguished in-olved UAP, is running for UMOG. After his stunning victory as Homecoming King, he decided that he was truly ugly. He is a Course VI pre-med crew jock UAP — obviously a uniquely putrescent person. Votes will be taken in Lobby 10 till the end of the week and all proceeds will go to the United Mike! Vote for Ken! Vote for roommate!

But What Will He Do?

In a stunning upset, Shiva Ayya-unspliable was elected GA floor leader at the last GA meeting. We seem to be on a hot streak, so the next meeting will have elections for Finboard rep and other fun positions. Baker did send a few reps this time, but the GA is a bit mad about the absence of the refrigerator.

Yow! A Symposium for me?

Lots of nifty talks on how to be a real cool kid at the Freshman Symposium in 66-110, Saturday from 1:00 to 4:00pm. Refreshments will be served, although there will not be any taco sauce or Ding-dongs. Am I oriented yet?

SCFP: The Final Frontier (Part 15)

In last week's episode, the valiant members of SCFP, the Student Committee on Education-al Policy, fought against the forces of evil to save pass/fail for the innocent freshmen and posterity. The battle is not yet over, as SCFP quests to bring true academic excellence to MIT. Join these courageous souls this Thursday at 7:30pm in Room 400 of the Student Center.

sports

Lightweights second in H. of C.

(Continued from page 16)
 finishing 22d unofficially with a time of 17:15.2, 1:26.2 behind College Boat Club of Pennsylvania. The latter finished tenth in 18:01.9, :59.0 behind Western Ontario.

In other races Mark Findeis '81 finished 15th in the lightweight singles, women's championship eights finished 30th, men's championship eights

finished 31st, and women's lightweight fours finished last out of eight. Most of the races had 40 entries.

In addition to the undergraduates who rowed, the Tech Alumni Rowing Association participated in the regatta. A team comprised mostly of the 1973 varsity crew took 30th place in the men's club eights. The 1979 varsity crew took 12th out of 26 in the wom-

en's club eights.

Ivy League powers Princeton, Pennsylvania, Harvard, Yale and Dartmouth finished ahead of the Engineers on the day. MIT, however, beat such schools as Boston University, Northeastern, Cornell, Columbia, Navy, Notre Dame, and Michigan.

This Head of the Charles saw over 3000 rowers in 720 boats participate in the regatta.

sports update

Men's Cross Country — Bob Walmsley '84 and Paul Neves '83 led the Engineers in the team's strongest showing to date, as MIT handily defeated Williams, Tufts, and UMass-Boston Saturday. Walmsley and Neves, placing first and second, respectively, ran together most of the way and finished almost a minute ahead of their nearest competitors. Other strong performances were posted by Ken Kovach '83 (fifth), Gontran Kenwood '83 (sixth), and Bill Bruno '85 (tenth). The team ends its season at 4-3. MIT is now hoping to qualify for the National Division III Championships for the fourth straight year.

Women's Cross Country — In MIT's final dual meet of the year, the Engineers buried St. Anselms and Suffolk at Franklin Park Saturday 26-52-60. MIT had five of the top eight finishers in the contest, including Sarah de Leon '85, who came in first with a time of 19:33, forty-five seconds ahead of the second-place runner. Terry Sutton '83 finished fourth for MIT, and Rhonda Wilson '86,

Heather Irving '86, and Ruth Heffernan '85 placed sixth, seventh, and eighth, just seconds apart. The pair of wins boosts the team's final dual meet record to 11-0.

Men's Rugby — went to the New England Championships Sunday, and lost in the first round to UMass, the eventual champions.

Women's Rugby — went up against Harvard Saturday, and romped over the Crimson 44-0.

Men's Sailing — In the Oberg Trophy on Sunday, the team fin-

ished fourth of ten in a regatta which, because it was also the Greater Boston League Championships, featured many area schools.

Men's Soccer — lost 3-1 at Colby Saturday. Co-captain John English '83 scored the team's only goal. The Engineers, now 3-8 on the season, will face Division I BU Thursday night at 7pm before returning home Saturday to end the season with a game against Coast Guard.

THE RAND GRADUATE INSTITUTE (RGI)

will be interviewing on campus
 Thursday, October 28, 1982
 at the Career Planning and Placement Office

RGI is an integral part of The Rand Corporation, Santa Monica, California. Its curriculum consists of interdisciplinary study, combined with compensated work, leading to award of the Ph.D. in Policy Analysis. The Rand Graduate Institute is fully accredited by the Western Association of Schools and Colleges.

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For more information, please contact the Career Planning and Placement Office at 253-4733.

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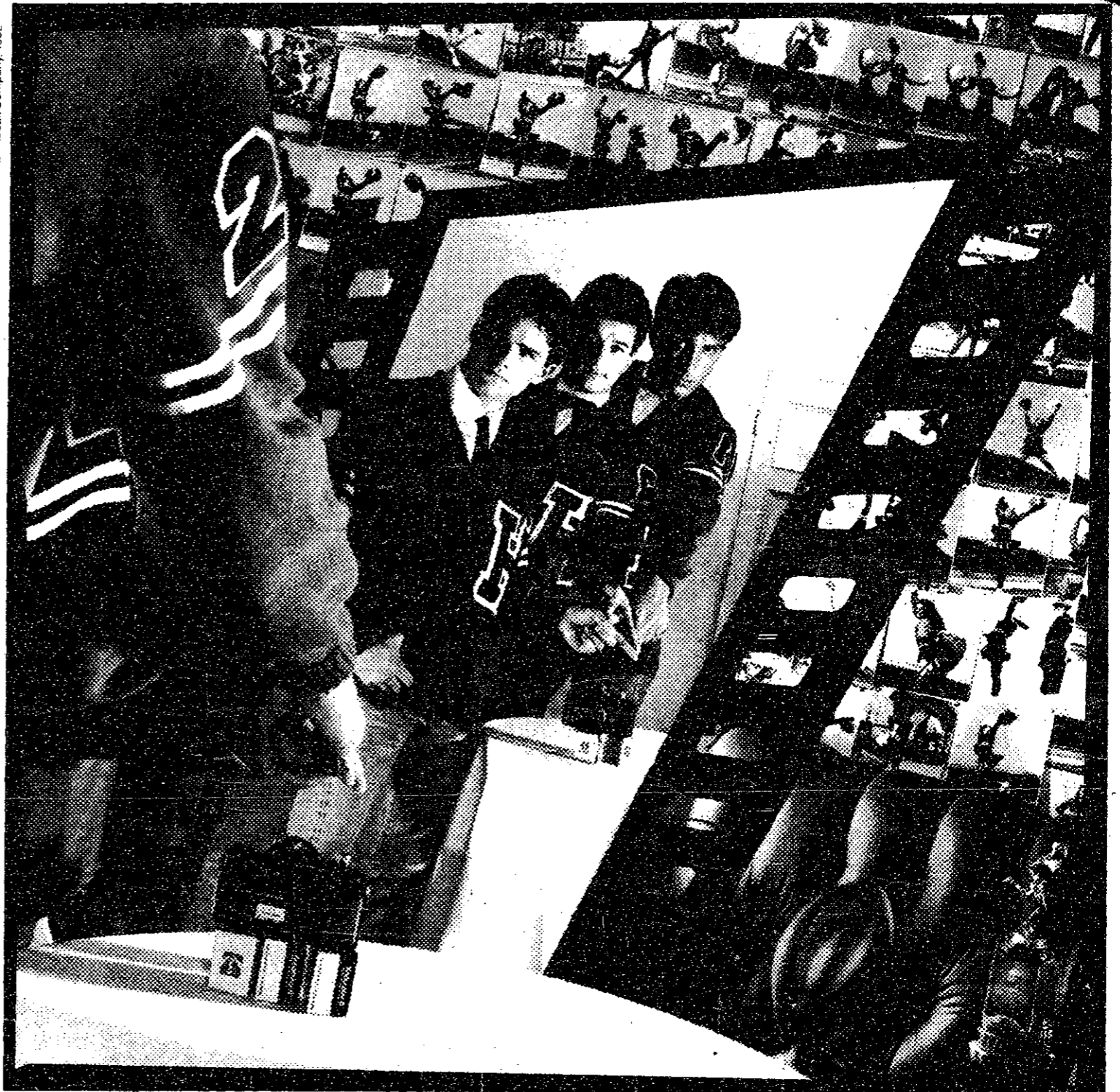
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sports

Football loses to 'Hounds 35-14

By Martin Dickau

Turnovers on the part of MIT and a strong first quarter by the Assumption Greyhounds led to the third consecutive loss for the football club Saturday afternoon, 35-14 in Worcester.

Assumption took control of the game from the outset, scoring its first touchdown on the fifth play of the game when quarterback Jim Vail connected with wide receiver Dave Prentiss for a sixty-three-yard TD pass.

On the third play of the ensuing MIT series, John Irwin intercepted a Vin Martinelli '85 pass and ran the ball to the MIT thirty-one. After moving the ball to the nineteen, Vail kept the ball himself and scampered all the way for the score. The kick made the score 14-0.

An error late in the stanza produced yet another Greyhound goal. The MIT defense had stopped an Assumption drive on the Engineers' forty-seven. As they attempted to block the punt, the Engineers incurred a penalty for roughing the kicker, which brought the ball in to the thirty-two. Once again, the defense

held, limiting the host team to only three yards. With fourth down and seven to go, Assumption opted to try for a first down instead of kicking a field goal. Vail dropped back to pass and found Prentiss all alone in the end zone for the third Greyhound touchdown.

Opportunity knocked often for MIT in the second quarter, but the Engineers were unable to capitalize. The defense held Assumption deep in its own territory, and Greyhound punter Kevin Pallotta accidentally touched his knee to

the ground trying to scoop up the low snap, giving MIT control of the ball on the seventeen. The potential gift went for naught when Dan Curran '85 tried to take the ball in from the two, but fumbled in the process, turning control over to Assumption on its own one.

On this series Assumption fumbled the ball with defensive back Alex Gruzen '84 recovering for MIT on the Greyhound twenty-four. The Engineers were unable to advance, however, and

(Please turn to page 11)

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M.I.T. Course 6-3, Class of '79;

then a product marketing analyst at Intel;

now a second-year student at the Harvard Business School

Tuesday, October 26, 1982

4:00 p.m., Room 10-250

Vball heads for tournaments

(Continued from page 16)

to beat the Engineers this year and is the only team ranked ahead of the Engineers in the NCAA Division III coaches poll. Castenon expects MIT to overtake EConn in the poll in the wake of the latter's loss to Smith.

MIT is also weighing a bid to the Massachusetts State Class A championship, according to Castenon. "If the field is too weak there we won't go," he said. "We'd just be driving two hours for nothing."

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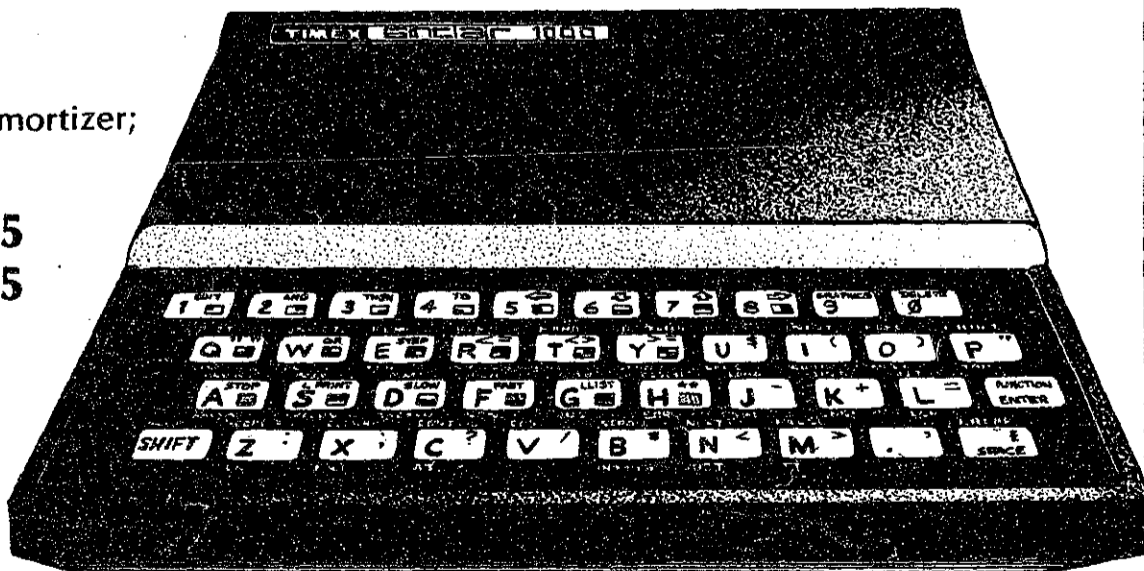
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November 1

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Tuesday, Nov., 2, Wednesday, Nov., 3

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CORPORATION

NomComm Fall Committee Hearings

Community Service Fund Board

The Community Service Fund provides financial assistance to MIT people who are engaged in volunteer community service and action projects. The Fund is managed by a Board of Trustees representing faculty, administration, students, Technology Matrons, Technology Wives, Lincoln Laboratory employees, trustees, and Institute alumni. The Board performs two key functions:

Solicits contributions from all members of the Institute Community, and additional donations and grants from outside sources, and

Reviews proposals by Institute groups for the use of funds on MIT-related community service projects.

Compton Gallery Committee Dining Advisory Board

The charge to this Committee is to provide a forum for addressing dining related issues and to facilitate a greater degree of dialogue and mutual support between those who provide food services and those who use them. It will allow for the MIT community to play a more significant role in the development and evaluation of campus-wide dining programs and services for the residential students and the community at large, including implementation of the recommendations from the dining review. The Board will serve in an advisory capacity on operational and program decisions made by Housing and Food Service and the Office of the Dean for Student Affairs. The Board will also coordinate efforts to receive community feedback on menus, dining services, and facilities. The Board will report jointly to the Dean for Student Affairs and the Vice President for Operations.

Advisory Committee to Educational Video Resources

This Committee advises the Provost and the Director of Educational Video Resources on policy matters concerning the use of television in educational programs and in other activities on campus.

Equal Opportunity Committee

This Committee was established to give support, coordination, and direction to the Institute's programs for equal employment and educational opportunity. The Committee advises the President and senior academic and administrative officers on matters pertaining to equal opportunity, reviews existing programs, and recommends new ones

IAP Policy Committee

This Committee was established to deal with policy matters and the continued evaluations of the Independent Activities Period, and work closely with the Committee on Educational Policy in reviewing IAP within the context of the total academic environment. It reports fully to the faculty at intervals of not more than four years.

Lobby 7 Committee

Medical Advisory Board

This Board serves as a communications link between the Medical Department and its users. Its objectives are to keep the MIT community informed of the services available through the Medical Department, and to receive criticisms and suggestions for the modification or addition of services to meet the changing needs of the community. All board meetings are open to the MIT community.

Prelaw Advisory Council

The Council serves as a subcommittee of the Committee on Preprofessional Advising and Education. It is composed of a group of advisors specially selected on the basis of professional background and interest in legal education, and concerns itself primarily with the approach to involvement in legal education of MIT students.

This insert is intended to make available to interested students a short description of Presidential committees requesting undergraduate support.

Presidential committees deal with the operations and activities of the Institute. They sometimes involve not only faculty, students, and administrators, but also other employees and the surrounding community. Students serving on these committees are almost always full voting members. Most committees meet weekly with others meeting only once per term.

The following committees are those that currently have undergraduate members. All undergraduates are eligible to hold seats on these committees. There is usually no prerequisite to serving on a committee. In most cases the students play an integral part in the committee and have full voting rights.

Committee on Privacy

This Committee was established in 1971 by vote of the faculty. It examines the policies and procedures of the Institute concerning the collection, security, disclosure, and use of information, including that obtained for administrative purposes or in the course of behavioral research.

Student Activities Development Board

The Student Activities Development Board, in its present form, was established in 1970 to allocate funds to student and community activities for items of capital equipment and the expense involved in minor space changes. Applications for funds are solicited four times each year, usually in September, November, January, and March.

Committee on the Use of Humans as Experimental Subjects

The Committee is responsible for reviewing every research project utilizing humans as research subjects, and for devising effective procedures to assure the adequate review of all protocols. Its principal role is to determine whether subjects used in any research project are protected against undue risk and to assure that their rights, privileges, and privacy are also protected.

Committee on the Visual Arts

The Committee acts as an advisory body for all aspects of the visual environment and arts at MIT. Its work includes review of and advising on plans for exhibitions at Hayden Gallery, for public lectures, and for major visual arts events; and advising on acquisition policy for MIT and on major acquisitions for the MIT art collection.

Wellesley-MIT Joint Committee

This Committee monitors and coordinates the Wellesley-MIT Exchange Program to insure that it constitutes a meaningful diversification in the learning experiences of the undergraduates of both schools.

Advisory Committee for Women Students Interests

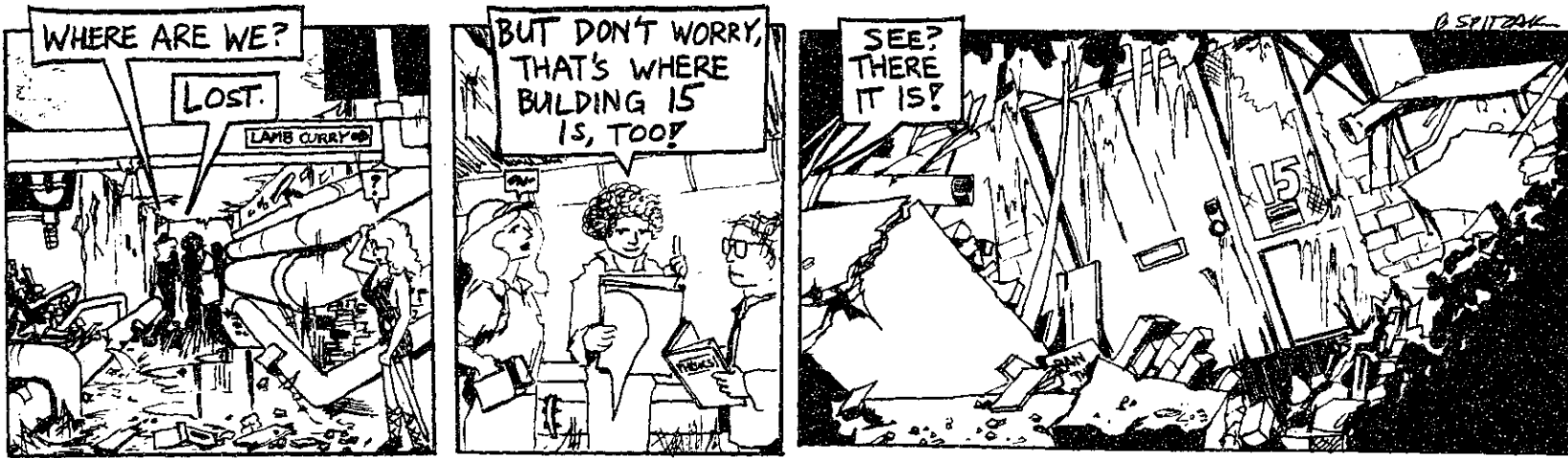
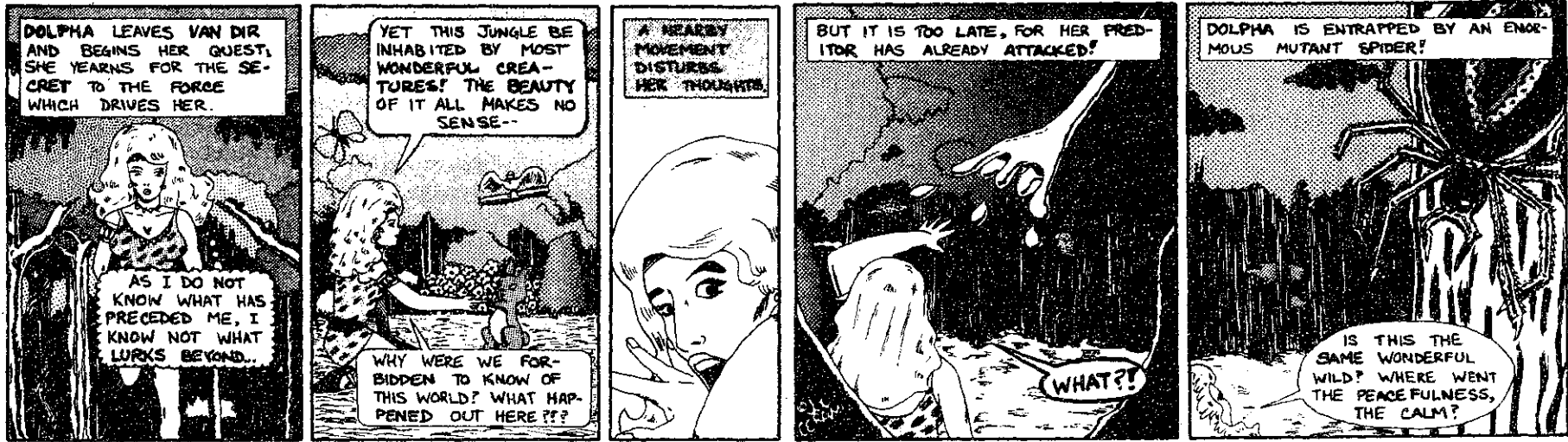
This Committee advises the Coordinator for Women Student's Interests in her role as a special resource for graduate and undergraduate women on campus. The Coordinator plans programs, organizes women's groups, and provides support to existing women's organizations. The Committee is composed of graduate and undergraduate students, faculty, and staff.

Advisory Committee on Shareholder Responsibility

This Committee reviews shareholder proposals under consideration by corporations in which MIT holds shares of stock, and makes such recommendations to the Corporation as it should cast its proxy.

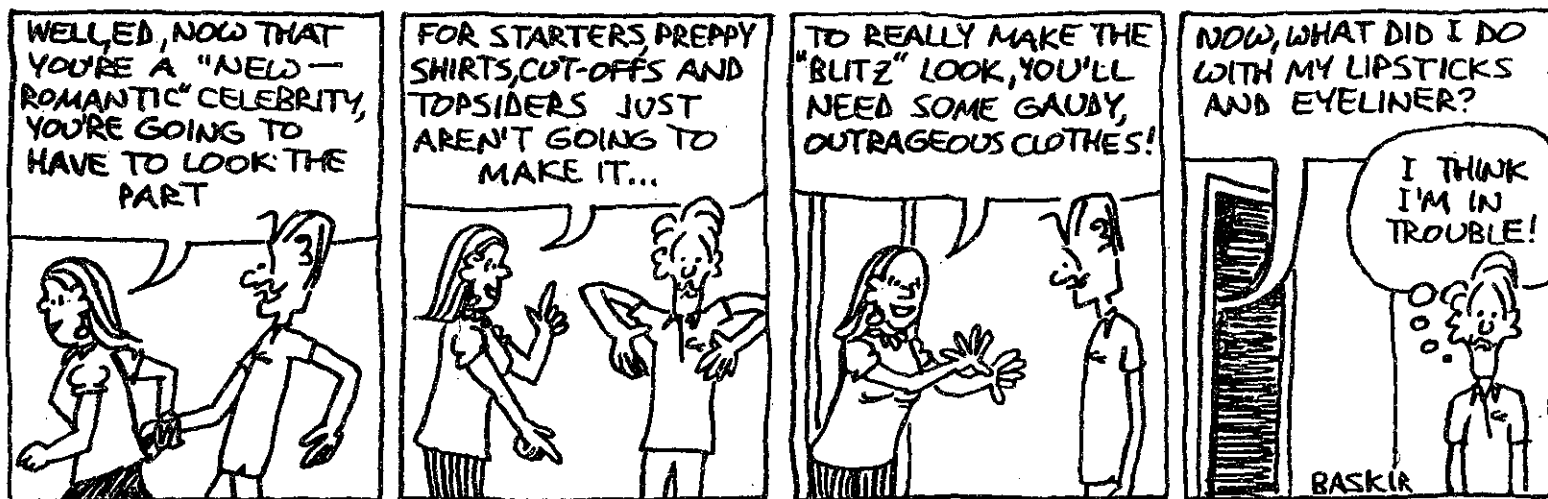
comics

Dolpha
By Joe Cerami



Space Epic
By Bill Spitzak

Stickles
By Geoff Baskir



NomComm Fall Committee Hearings

How to Obtain a Seat on an Undergraduate Committee

This fall the Nomination Committee will be asking all students interested in the committees below to attend the hearings as scheduled. Any interested undergraduate is eligible to fill a seat on one or more of these committees. In the past there have been from no interested students per seat to as many as five or more. A few committees have had vacant seats for almost a year.

Applications are available in the UA office (Student Center Rm. 400). These are short information forms requested by NomComm that must be filled in and returned to the UA office no later than 4pm on March 7. These will ask for preliminary information on which the interviews will be based.

At these hearings the Nominations Committee will first review the scheduled committee. Time commitments and length of the student term will be among the items discussed. After this the NomComm will interview all interested students at the hearing. Once the students have been placed in preferential order, the person in charge of the committee will be notified to contact the student when his or her term begins.

Questions, conflicts in scheduling, information, please contact:
David Libby (x5-8739) or
Robin Barker (x5-7168)

Fall Term 1982 Hearing Schedule

All hearings will be in Room 400 of the Student Center
Saturday, Oct. 20

12 noon	Equal Opportunity Committee
	Advisory Committee for Women Students' Interests
1pm	Student Activities Development Board
	Community Service Fund Board
2pm	IAP Policy Committee
	Wellesley — MIT Joint Committee
3pm	Committee on the Visual Arts
	Advisory Committee on Educational Video Resources
3:30pm	Compton Gallery Committee
	Lobby 7 Committee
4pm	Committee on Privacy
	Committee on the Use of Humans as Experimental Subjects

Tuesday, Nov. 2

7pm	Dining Advisory Board
	Medical Advisory Board
8pm	Advisory Committee on Shareholder Responsibility
	Prelaw Advisory Council

sports

Volleyball victorious, now 22-1

By Robert E. Malchman

The volleyball team concluded its home season Saturday, thrashing Barrington, Southeastern Massachusetts (SMU), and Keene State in straight matches.

MIT did not lose a single game, and only SMU broke into double-figure points in one game. "And that was only after I put the B team in," grinned head coach David A. Castenon. The three victories, combined with Friday's win over Wellesley raised the streaking Engineers' already incredible season record to 22-1.

"The first two matches weren't that exciting," Castenon contin-

ued. In the first one MIT beat Barrington 15-8, 15-7. In the second the Engineer A team rolled over SMU 15-4, before the B team made it closer in the second game, hanging on to win 15-12. "We dressed everyone today to give them a chance to play," Castenon said.

The third match against Keene State showcased some sparkling Engineer play. MIT won the first game 15-7, and pounded Keene 15-4 in the second, as co-captain Barbara Wesslund '84 spiked in point after point on sets from Michelle Heng '84. Wesslund scored 10 kills out of 16 opportunities in the game.

The afternoon also saw Anella Munro '85 trouble the opposition with her twisting, arcing serves, and general good play from co-captains Peggy Kniffin '83 and Amy Smith '84 and from Lori Cantu '85.

The Engineers' next match is away against NCAA Division I powerhouse Northeastern on Wednesday. On Saturday the team travels to the Northern Intercollegiate Athletic Conference (NIAC) championships at Connecticut College. There MIT will face Bates, Connecticut College, Mount Holyoke, Smith, Wellesley, Wheaton, and Williams.

"It's a very important tournament for us," Castenon said. "If we win it, I think it would guarantee us a bid to the NCAA [Division III National] championship. It would mean we've beaten every Division III school around at least once."

MIT is currently deciding between applying to the Eastern AIAW championship where Castenon believes "our record would guarantee us a bid," and applying to the NCAA Division III championship, which falls on the same day.

Castenon stressed that the NIAC's field would be a tough one. "Williams has a good team, and Smith just beat Eastern Connecticut," he said. Eastern Connecticut (EConn) is the only team

(Please turn to page 13)

Lightweights 2nd in Head of Charles

By Robert E. Malchman

MIT crew took second place in the men's lightweight eights race with a time of 15:50.0 at the eighteenth annual Head of the Charles rowing regatta, Sunday.

The only crew to beat MIT was the Canadian National team, with a course record 15:15.6. Princeton finished third 2.1 seconds behind the Engineers.

In the overall competition MIT placed ninth among 186 competing colleges, clubs and schools. Princeton, with the most entries in the regatta (11), won the competition. The Engineers raced in six out of 18 events. The seven other teams which beat MIT also had more entries than the Engineers.

The men's lightweight squad of cox Steve Kim '83, stroke Tom

Rucker '83, and rowers Randy Schweickart '83, Jay Keith '83, Mark Schaefer '83, Cliff Olsen '83, Derek Leck '84, Dave Payne '83, and Mike Cafferty '83 "rowed a good race," according to Schweickart. "It wasn't our best, though, we could have closed the gap" on the Canadian team.

Coach Frank Neczypor was satisfied by the performance, having said before the race he would "be disappointed as hell" if the lightweights did not finish in the top three. "They rowed a strong race," he agreed afterward.

Neczypor also hoped the youth eights and lightweight fours would finish in the top ten. The former took eleventh place, after

(Please turn to page 12)

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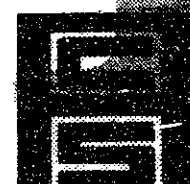
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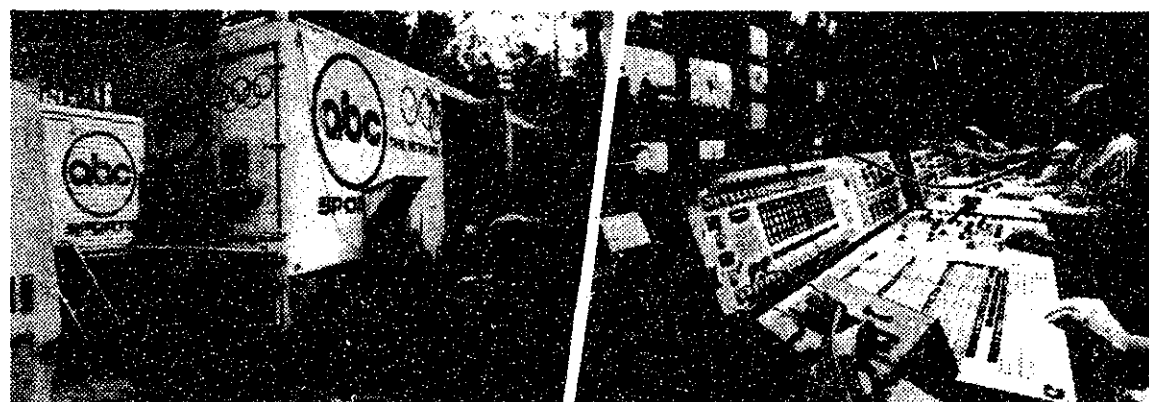
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Wednesday, November 17, 1982

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