

Photo courtesy Goody, Clancey & Associates

Architect's preliminary model of the Whitehead Institute, to be built in Cambridge Center.

Construction soon to start for Whitehead

By Ron Norman

Construction of the Whitehead Institute, an independent biological research center to be affiliated with MIT, should begin this month, according to John Pratt, associate director of the institute.

Whitehead's building, Pratt said, should take 20 months to build, and open in September 1984. The building will be located at 9 Cambridge Center, at the intersection of Main Street and Vassar Street.

The Whitehead Institute opened an office at MIT in room E25-406 of the Whittaker College building. MIT agreed from "the goodness of their hearts to let us have the office," Pratt said.

The office is used for administrative and architectural arrangements and to coordinate construction and funding.

The purpose of the Whitehead Institute is to conduct "basic science research . . . focused on molecular biology," Pratt explained. In its affiliation with MIT, it will be "separate in every sense of the word," he continued, except for the teaching affiliation agreement.

Edwin C. Whitehead created the Whitehead Institute. He will fund construction of its building and will endow a \$100 million trust for the institute. He also donated \$7.5 million to MIT as part of the affiliation agreement between the two institutes.

Joint degree discussed

By Robert E. Malchman

MIT and Wellesley College are negotiating a five-year joint bachelor of science/bachelor of arts degree program.

The program might be available to only a small number of Wellesley students, according to Professor Robert J. Silbey, Chairman of the MIT-Wellesley Joint Committee.

MIT students may not be able to participate in the program because currently "Wellesley can only award degrees to women," Silbey said. "We didn't think it would be productive to set up a [reciprocal] program" in which only MIT women could participate.

"I want to stress, however, that all this is just in the talking stage," Silbey said.

Under the program, a small number of interested Wellesley

students would apply for transfer admission to MIT after their junior years, according to Silbey. They would follow the same admissions process as all other transfer applicants.

Wellesley Class of 1984 Dean Molly Campbell emphasized, "We're just putting together a proposal. Nothing is etched in stone." Campbell is a member of the liaison committee discussing the joint degree program.

"The model I see," Silbey said, "would have a Wellesley student in her second year start gearing her program toward [transferring] and might transfer to MIT at the end of her third year."

Silbey expected only a few Wellesley students to enroll in the proposed program. "Most of the people I've talked to understand the smallness of the program," he said, "so it won't be a very big change." The number of Wellesley students involved "will be absolutely less than ten."

Many details of the program must yet be resolved, according to Campbell. "We're trying to be imaginative about opening the program up to all members of the MIT community," she said. "If we do make it reciprocal, it should be open to all [MIT students]."

The proposal "is not unheard of," according to Silbey. "In fact one Wellesley student did this already on her own, getting a degree from Wellesley, then transferring to MIT."

Campbell believes the full committee will have a proposal for the joint degree by the end of the year.

"What is exciting is the possibility of an education that allows you to experience both an engineering and a liberal arts education simultaneously," Wellesley President Nannerl Keohane said last year about the proposal. She declined to comment at this time.

MIT President Paul E. Gray '54 was unavailable for comment.

US to seek reports on Chinese scholars

By Jake Tinio

The US Department of State recently notified MIT and other universities of its new policy to review the research programs of visiting scholars from the People's Republic of China.

The State Department sent a sample draft of a letter which would seek details on the research programs of visiting Chinese scholars who may have access to sensitive technical information.

The Department of State has not yet sent an official version of the letter, according to Louis E. Menand III, Special Assistant to the Provost. "No one at MIT has received [the letter] in real form," he said.

The government will not send an official letter until it wants information on a specific student, according to Menand.

The new State Department procedure is a modification of one which drew severe criticism and a general lack of cooperation from US university officials last year. Under the new guidelines,

the universities would not assume a "monitoring burden" nor would the visiting scholars be subject to "adverse consequences," the State Department claimed.

Five college presidents — Paul E. Gray '54 of MIT, Donald Kennedy of Stanford University, Marvin L. Goldberger of the California Institute of Technology, Frank H. T. Rhodes of Cornell University, and David S. Saxon '41 of the University of California — sent the US State, Defense, and Commerce secretaries a letter protesting the previous guidelines in February 1981.

"We are deeply concerned about recent attempts to apply to universities the International Traffic in Arms Regulations (ITAR) and the Export Administration Regulations (EAR)," the presidents' letter stated. "Restricting the free flow of information among scientists and engineers would alter fundamentally the system that produced the sci-

(Please turn to page 2)

ASA to replace its president, treasurer

By Barry S. Surman

The Association of Student Activities (ASA), a general committee of the Undergraduate Association (UA), will meet tomorrow night to elect a new president and treasurer to replace Samuel M. Austin III '82 and Arnold Contreras '83.

ASA Secretary Jonathan D. Miller '84 called the election meeting after learning Austin had not registered as an MIT student this term and Contreras had resigned from the UA Finance Board, a position he is required to hold under the ASA constitution.

Austin said he had not resigned from the ASA presidency, but he will not challenge the new election.

UA President Kenneth H. Segel '83 told Miller that Austin was no longer ASA president. "I took [the ASA constitution] to mean you have to be a student to

hold the office," Segel explained.

A candidate for an ASA office, the constitution says, "must be an undergraduate . . . and a member of [an ASA] recognized activity."

"Generally the requirements to hold office are the same as to be elected," Segel said. "The ASA constitution is very ambiguous on that and other points."

Miller said he did not look at the constitution before calling the elections. "It's very hard to find a copy," he said.

Contreras, Miller said, agreed he was no longer ASA Treasurer after his resignation from the Finance Board. Contreras was not available for comment.

The ASA is responsible for recognizing new student activities, assigning them bulletin board and office space, representing their collective interests, and mediating disputes between the groups.

SCEP debates new frosh pass/fail plan

By Tony Zamparutti

Members of the Student Committee on Educational Policy (SCEP) discussed the Committee on Educational Policy (CEP) proposal to change the freshman pass/fail system, but did not agree on a SCEP position on the CEP plan Thursday.

The CEP last week recommended a formalized system of hidden grades for all freshmen in the spring term, along with new evaluation forms for the end of fall and spring terms. The faculty will discuss the proposal, which will take effect upon faculty approval, at its October 22 meeting.

"We need to go on record . . . for or against [the proposal]," stressed Steven Barber '84, SCEP chairman, at the meeting. "Indifference will be considered" support for the CEP plan, he said.

"We didn't decide anything," Barber said after the meeting. SCEP will continue its discussion this Thursday, he noted. "I don't

know what we're going to end up doing."

One SCEP member noted at the meeting that all but a few of the students he asked "really didn't seem to care at all" about the CEP proposal. Many students believe the faculty is indifferent to student opinion, said another student, and freshman pass/fail will be changed even if students oppose the plan.

A major objective of the pass/fail proposal "is to improve the effectiveness of the student-advisor relationship and to give students and advisors accurate, and timely, information for making educational decisions," according to the CEP report.

"The proposal has nothing to do with what its supposed to solve," declared Joseph Romm '82 at the SCEP meeting. Faculty members, he said, "just want to give a grade at the end of second term."

The present evaluation system

"just does not work," Barber said, explaining that a low percentage of spring term freshman evaluation forms are completed by students and instructors.

Freshman hidden grades are needed so freshmen will work harder in core courses and to help them adjust to graded classes sophomore year, said Sara Sprung '84.

"This proposal is the result of a lot of compromises," James Taylor '84, a student member of the CEP, noted during the heated SCEP debate. "It is something the students can live with and the professors can live with."

Acting on an initiative from its student members, the CEP decided at the last minute to require hidden grades only spring semester, rather than both semesters as originally proposed.

SCEP may hold a joint meeting on the proposal with faculty members from the CEP in about three weeks, Barber noted.



Tech photo by Laurie Goldman

Steve Barber, Chairman of the Student Committee on Educational Policy.

US to watch PRC scholars

(Continued from page 1)

entific and technological lead that the government is now trying to protect and leave us with nothing to protect in the very near future."

The State Department's stance on visiting scholars "has escalated" despite the modifications, according to Menand. A legal citation in the State Department letter referred to an enforcement code. "The new letter is more explicit about the State Department's interpretation of the law than the earlier one," Menand said.

When visiting scholars from China apply for entrance visas, the State Department briefly screens their proposed research programs to ensure conformity with the "provisions of the Export Administration Act or other existing legislation governing the

transfer of technology and goods to foreign nationals," according to the recent State Department letter.

If the State Department later believes a scholar's proposed program might not adhere to the export control regulations, it will ask the university to provide details of the scholar's research activities, the letter explained.

"These regulations do not apply to information that is in the public domain nor to most classroom work," the letter stated.

If the scholar's activities in the host institution might involve exposure to sensitive technological research, a representative from the US State, Commerce, Defense or Energy department, or the US Customs Service will contact the university to consider "appropriate modifications" in the scholar's program of study, according to the letter.

"Over 5000 programs have been reviewed in recent years," the letter stated. "In all but a handful of instances no changes in the programs of Chinese scholars have been required."

One thousand foreign student advisors in American universities received the draft letter.

An MIT Provost's committee, chaired by Michael L. Dertouzos Ph.D. '64, Director of the Laboratory for Computer Science, will meet October 13 to discuss the new State Department regulations as well as the general issue of technology transfer.

Eighteen graduate and 100 postdoctoral students from the People's Republic of China are currently studying at MIT, Menand said.

MIT does not conduct classified research on campus.

B.F. Skinner speaks on behaviorism

By Andrea Marra

Dr. Burrhus Frederic Skinner, the well-known and controversial psychologist lectured on "Behaviorism: What is it all about?" at the Cambridge Forum Sunday.

Skinner, who received his doctorate from Harvard University in 1931, believes human behavior has been misunderstood for 3,000 years. "The world acts upon us," he said, "that is the reason why we behave as we behave."

It is a misconception, Skinner claimed, to think we do what we do because of our feelings and ideas. "We should all be aware of what is being done to us . . . and should know as much as possible about ourselves," he said.

Behaviorism deals with "knowing oneself well, and knowing why one behaves as one does," according to Skinner. Events, he said, not feelings, cause behavior.

Consequences are the motivation for human behavior, Skinner said. A gambler, for example, is motivated to act because of the possible outcome — a monetary reward.

Education, Skinner believes, is a form of "manipulating a human being," or behavior modification, since what a child is taught is decided before the child can choose for himself.

Skinner gained recognition in the 1940's for his controversial ideas on child-rearing and his animal experiments involving operant conditioning — teaching animals to perform tasks in an experimental environment in exchange for rewards. He has written several books based on his theories, including *Walden Two*, *Beyond Freedom and Dignity*, and an autobiography.

Whitehead to begin building

(Continued from page 1)

joint faculty positions and will be reviewed by both MIT and the Whitehead Institute.

Following acceptance, the faculty members will be paid full salary and benefits by the Whitehead Institute, according to Pratt, but they will have full faculty obligations at MIT, including teaching MIT students.

The MIT faculty and corporation approved the Whitehead Institute affiliation last December after heated faculty debate.

MIT professor David Baltimore '61, will be the Whitehead Institute's first director.

Goody, Clancy & Associates designed the Whitehead building, which will be built by the Turner Construction Company. Turner also built the new Whittaker Col-

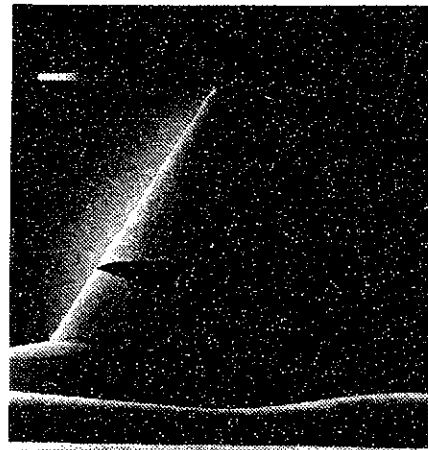
lege and Medical Department building.

The building will have six floors, including a basement. It

will include a commons area, a lecture hall and four floors of laboratories.

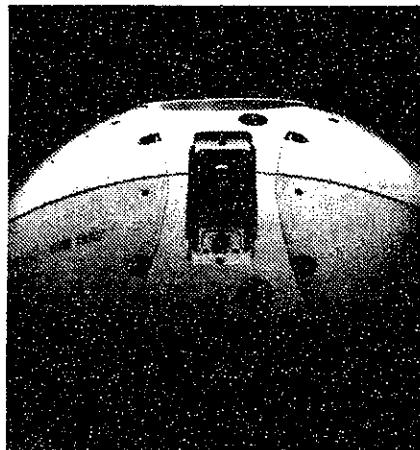
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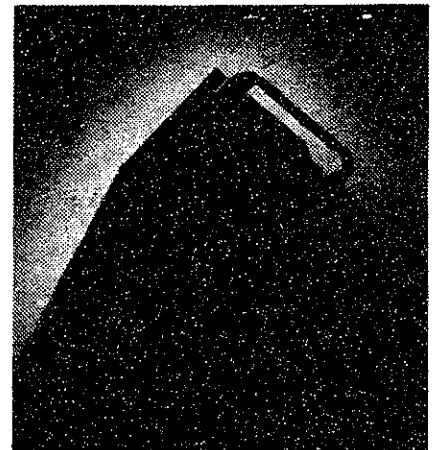
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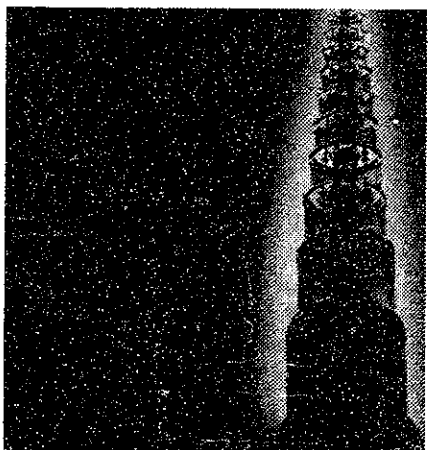
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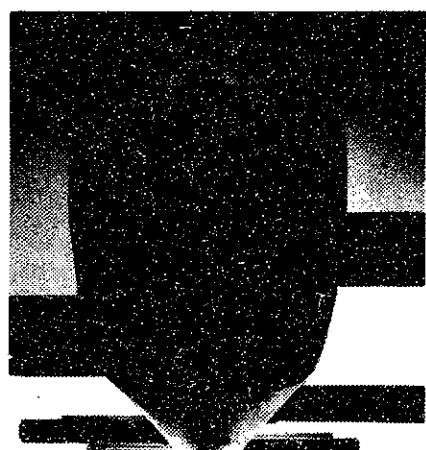
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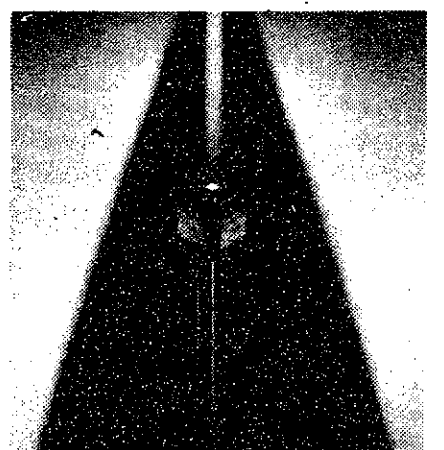
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news roundup

World

Japanese prime minister visits China — Prime Minister Suzuki arrived in Peking Sunday for a six-day visit. Japanese-Chinese trade, which exceeded \$10 billion dollars last year, will dominate the talks between Suzuki and Chinese leaders. Suzuki also promised to heed Chinese protests over recent revisions in Japanese textbooks. The Japanese Education Ministry last summer rewrote accounts of the Sino-Japanese war and reduced references to Japanese brutality that occurred during the war.

Social Democrats win German regional election — West German Chancellor Helmut Schmidt's Social Democratic Party won a majority of seats in elections for state parliament in Hesse. The victory over the Christian Democratic Party came only five days before that party's planned attempt to oust Schmidt from office by a vote in the Bundestag, the national parliament. The small Free Democratic Party, which precipitated Germany's present government crisis by resigning from Schmidt's governing coalition, did not win any seats in the Hesse vote.

Nation

Man charged with Saturday shooting spree — Police in Wilkes-Barre, Pennsylvania, said George Banks, 40, killed seven children, five of them his own, and six adults Saturday. The adult victims were said to be four women who have had Banks's children, and the mother of one of the women. Banks was arraigned for the murders Sunday and yesterday. The county coroner said Banks shot many of the victims while they were asleep or watching television.

Dam breaks; many homeless — Nearly 2000 people fled their homes Sunday in and near Bishop, California after a dam on the North Lake broke. The water destroyed homes in nearby Aspidell, California. "The town is reasonably safe, but if we have any more dam problems up there, we could be in serious trouble," reported Bud Clayton, a member of the Sheriff's Department's search and rescue team.

Official denigrates rise in SAT scores — William J. Bennett, chairman of the National Endowment for the Humanities, commented that the modest rise in average verbal and mathematics scores on the Scholastic Aptitude Test "is not a cause for trumpets." After 18 years of decline or no change, the average mathematics scores of graduating high school seniors rose one point, and their verbal scores increased two points.

Local

Proposition 2½ not as severe as predicted — A recent Associated Press survey of Massachusetts cities and towns has indicated local cutbacks in services from the state tax-cutting measure have not been as severe as predicted. In a poll of municipal officials conducted a few months after voters approved Proposition 2½, municipal officials predicted they would have to make widespread cuts. Although the cuts have not been as severe as predicted, local governments closed 230 schools the first year the law took effect, and eliminated 360 police and 550 firefighting jobs.

Weather

You may actually see some blue sky; today will be variably cloudy, with a high of 69 degrees. It will be partly cloudy tonight, with a low of 53.

Tony Zamparutti

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Opinion

Editorials

Colleges should encourage exchange

Last year, the presidents of MIT, Cornell University, the California Institute of Technology, the University of California, and Stanford University sent a joint letter to the secretaries of the US Departments of Commerce, State, and Defense to convey concern about the Federal government's attempt to extend export restrictions to cover teaching and research activities carried out at American universities. Last week, the State Department sent sample letters to 1,000 foreign student advisers on college campuses throughout the country, including MIT, explaining that these universities may be asked to provide details on the research and study programs of visiting scholars from the People's Republic of China, and possibly to modify these students' academic plans at the government's request.

Since 1970, MIT has followed a policy of not performing classified research on its campus, making it highly unlikely that visiting scholars could be exposed to information which could compromise national security. Because a university is an establishment dedicated to the free exchange of knowledge, it is highly inappropriate for governmental agencies to attempt to restrict this exchange. It is again time for MIT President Paul E. Gray '54 and other academic leaders to express unified indignation at the State Department's ill-advised efforts.

Lebanon massacre inquiry necessary

Thousands of Israeli citizens have taken to the streets in recent days to call for the resignations of Prime Minister Menachem Begin and Defense Minister Ariel Sharon in the wake of the massacre of hundreds of Palestinian civilians in Southern Lebanon. Despite Sharon's admission to Knesset that the Israeli army allowed Lebanese Christian Phalangist guerrillas to enter the Sabra and Shatilla refugee camps, Begin continues to refuse to allow an independent investigation of the killings.

The United Nations Security Council will soon undertake an inquiry into the reprehensible massacre. Begin's attempts to prevent a full, fair investigation of the matter are inexcusable. But while the world condemns the Israeli government, it must not forget it was the Phalangists who slaughtered hundreds of defenseless human beings.

Begin and Sharon must accept full responsibility for the role of the Israeli military in allowing a group known hostile to Palestinians into the camps and allowing the senseless massacre to take place. If the UN investigation confirms their complicity, the two Israeli leaders should acknowledge their responsibility and resign from office.

The Tech

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Column/David C. Lingelbach

Peace plan disgusting

(Editor's note: This is the first in a two-part series exploring the current conflagration in Lebanon and accompanying reactions in Israel. Part two will appear next Tuesday.)

The Reagan Administration's Middle East peace plan is the latest in a long line of solutions to the Arab-Israeli conflict that are, in equal portions, embarrassing to the United States and a disservice to the practice of properly understood diplomacy in the nuclear age. Contrary to the views of the moderate supporters of the Reagan and Shultz proposal, I hold it was essential, indeed proper, for the government of Prime Minister Begin to reject the Administration's ideas. It is equally clear that consequences of the Israeli-Palestinian War of 1982 must also call into question the reasonableness of maintaining territorial integrity and central government authority in Lebanon. At the least, no American Administration can continue to call for the maintenance of Lebanese legitimacy without debasing the precious coinage of security in the Middle East, and undercutting its own influence with Israel, Syria, and Jordan.

The Reagan initiative cannot achieve a Middle Eastern peace for three fundamental reasons. First, it does not recognize the geopolitical necessity of a fully independent Palestinian state at the earliest possible date. It cannot be argued by reasonable men that a state as utterly landlocked as a West Bank state would be, as deficient in natural resources, and as utterly surrounded by countries that have adequate cause to be prepared to defend themselves, is a serious threat to the State of Israel, the preeminent military power in the Middle East. By proposing, as Reagan does, to link any future Palestinian entity to the Kingdom of Jordan, the United States is setting itself up for the ultimate collapse of King Hussein's government, the replacement of that regime by a Palestinian-dominated one, the formal annexation of the

West Bank and the Gaza by Palestinian Jordan, and the establishment, as a result, of a contiguous Arab landmass surrounding Israel and informed by anti-Israeli sentiment. From the standpoint of American interests, Israeli sensitivities and the preservation of Middle Eastern order, it is far better to encourage divisiveness in the Arab world. By directing energies and talents to the formation and success of a Palestinian state, those elements in the Arab lands interested in a new Islamic empire—read Colonel Qaddafi and friends—would be deprived of the rallying point necessary for their triumph.

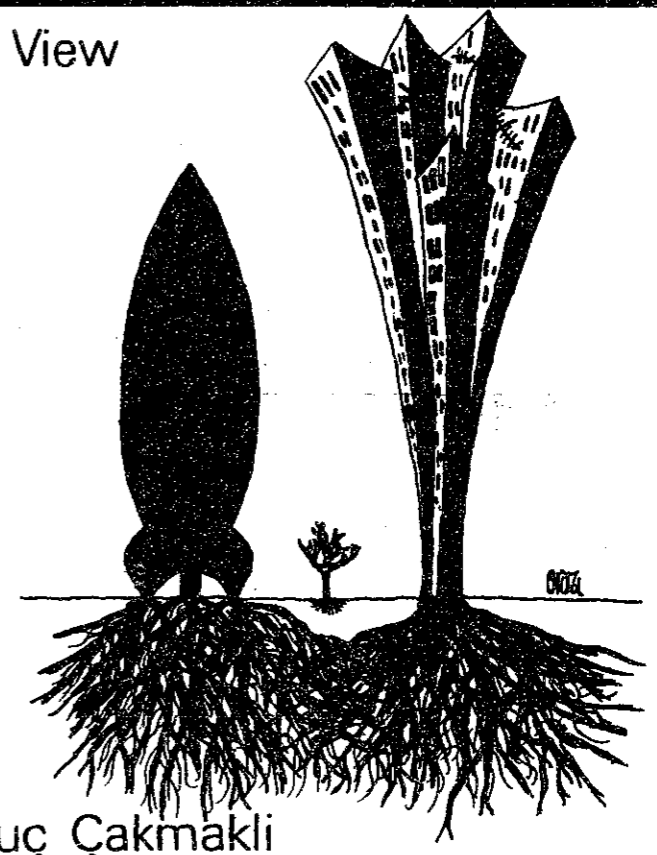
A second reason to be skeptical of the Administration plan is that it does not require the leadership of the Palestinian nation to prepare themselves for future responsibility by the formation of a government-in-exile. Yassir Arafat is by now certainly aware that the efforts of his movement, as unnecessarily violent as they have been, will be utterly in vain if the PLO does not formally constitute its authority in a form recognized by the international community.

But Arafat is not the Palestinian leader, not by a long shot. Nor is he anything more than the least unacceptable of the PLO apparatchiks to the majority of Palestinians; his ideas, to the extent that they are moderate ones, will not always find instant acceptance within the councils of the PLO, the West Bank leadership and powerful members of the exile community. Every Middle Eastern state should require the Palestinians to demonstrate an ability to govern competently before it assumes power; that the United States did not suggest this requirement is in itself an encouragement to further anarchy and an act of irresponsibility, coming as it does from a superpower.

Most importantly, the peace plan of President Reagan is a classic example of unnecessary abuse of a trusted ally, namely Israel. Why this Administration and its supporters in the Congress cannot give to the Israelis the same courtesy and benefit of the doubt that it seems to be extending to the Saudis, the Jordanians, the Egyptians, and the Syrians is really quite beyond

(Please turn to page 5)

Oruç's View



By Oruç Çakmaklı

Column/Arthur Lee

Japanese censor textbooks

In a blatant attempt to change history, the Japanese government has ordered revision of certain passages in high school textbooks devoted to the history of Japanese aggression against the peoples of Korea and China. This act has already raised furor never seen before in the diplomatic circles of Asia. The peoples and the governments of mainland China, Taiwan, and South Korea spoke as one, vehemently protesting this insult to many war victims who are still alive today. Storeowners have refused to serve Japanese customers. Taxi drivers in Korea and Hong Kong have refused to carry Japanese passengers. Chinese students in Hong Kong, Taiwan, and overseas have petitioned the Japanese government, and large rallies were held in front of many Japanese consulates.

According to some excerpts included in the revision, the Japanese military did not invade but merely "advanced" into China. In the Nanking Massacre, some 200,000 Chinese were killed. The new version now says many Chinese were killed in the confusion, thus refusing to assign blame. In fact, the massacre was in many instances quite systematic in nature. Verified photos have shown piles upon piles of bodies in mass graves or Japanese soldiers

proudly displaying the heads of their victims. Stories, which may or may not be true, were told of contests held between some Japanese soldiers in seeing who could kill the most Chinese. In the revised Japanese text, Korean national uprisings simply become riots that were quelled by police. Koreans and Chinese who were deported to Japan for forced labor even before the days of World War II were simply translated by the book as participants in the Japanese labor mobilization plan.

As a Hong-Kong-boy-gone-American, I know I have not seen any Japanese atrocities firsthand. But as the son of parents who have seen the ravages of unprovoked Japanese aggression after the war, I can sense vicariously the pain, the loss, and the actual hunger they felt and still feel. As the grandson of a man who actually fought in the war, I can sense the anger and bitterness that he still harbors deep inside him. President Reagan had recently suggested that all parties involved bury the hatchet. Oh yes, that can be done. Wounds can heal, but such memories simply will not fade. And they should not, so that nothing like it can ever happen again.

By writing this column, I do not claim to apply any rigorous

logic. But I do assert that Japanese militarism may well be on the rise again. In recent years, small segments of the Japanese literary circle have suggested that Japan had merely fought a defensive war when it "advanced" into China. Names of convicted war criminals, who were not necessarily implicated in any atrocity, have been added to the shrines of Japanese war heroes. Official visits to these shrines by the heads of government have also been made. The defense budget is now the largest ever, partly because America has encouraged Japan to share more of the burden of counteracting Soviet influence in the Asian sector.

No one blames the Japanese of today for the actions of their fathers forty years ago. No reparations were ever asked of them. But one thing is clear, the Japanese people of today and tomorrow must know what really happened, and that can be the only true reparation. There can be no compromise in this matter, just as there is no compromise for death and destruction. I wish the annual ceremonies held to mourn for the dead at Hiroshima and Nagasaki would include some mention of the thousands who died under the swords of Japanese executioners.

Opinion

Eric R. Fleming

Corporate mergers harm the US economy

The multibillion-dollar takeover saga of Bendix, Martin Marietta, United Technologies, and Allied finally ended last Friday, as Allied merged with Bendix and acquired 39 percent of Martin Marietta's stock. But now that one of the most bizarre stories in recent corporate history is completed, what was really accomplished?

As a summer intern at Martin Marietta's division in Denver, I can remember my last days there filled with talk of a possible Bendix takeover. I even joked that next year I would be working at home in Detroit, since Bendix corporate headquarters are in the Detroit suburb of Southfield. My amusement soon became clouded by confusion, as the issues turned to state laws of incorporation, antitrust, and financing. When United Technologies jumped into the shark tank, befuddlement only grew worse. Who would buy the other first? Would Bendix or Marietta have a controlling interest in one another? What would United sell if it bought Bendix?

When Allied said it wanted to play, I gave up on trying to sort it out. Luckily, this soap opera came to a quick close after Allied moved in.

Of course, the natural course to take for a post-mortem is to look at who won, and who lost. At first glance, it appears that Bendix (at least its shareholders) won, Marietta won (it wasn't taken over), and *lost* (its balance sheet took a beating in buying Bendix stock), United broke even, and Allied may have gained a little. However, I don't think this is the case. The *true* winners are the investment bankers and lawyers who handled this mess. The loser is the American economy.

Did all of this money and maneuvering improve the nation's technology, open a new market overseas, or create new jobs? Of course not, and neither have many of the recent corporate mergers, which merely are attempts to improve the short-term bottom line.

U.S. Steel, notably, exemplifies

this mentality. For years, this company has been under severe cost competition from European steelmakers. Saddled with old, obsolete plants and production processes, U.S. Steel doesn't try to modernize its capital stock; it obtains all the financing it can to buy Marathon Oil, for about six billion dollars, while at the same time crying to the U.S. government for protection from imported steel.

And what of the four friendly companies engrossed in this latest struggle? William Agee, chairman of Bendix, is known and hated in the corporate world for his attempts to buy another company with its hoard of cash; RCA was a target in March. United's Harry Gray has built a conglomerate of \$14 billion, not through new products, but through gobbling up other firms. Only Marietta has developed from within, and is a quiet, healthy three billion-dollar concern, thanks to a strong aerospace unit. Not only was

money involved, but egos as well; an article in last Friday's *Wall Street Journal* notes that "individual cunning, determination, and above all personal egos—rather than business and financial considerations—play a striking role."

Many, including the Reagan administration, turn a deaf ear to these corporate versions of "Pac-Man", saying that it is all part of the free enterprise system. But fortunately others, including Robert Hayes and William Aber-

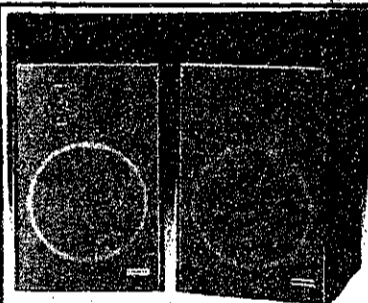
nathy of the Harvard Business School (whose article in the school's *Review*, "Managing our Way to Economic Decline", was a fresh and timely view of the nation's economic problems) have come to look upon most mergers as doing more harm than good. At a time when our economy is facing the toughest challenges it has seen in half a century, American business needs to look at itself very closely, and revamp practices that will only hurt, not help, in the long run.

Reagan abuses trust

(Continued from page 4)

comprehension, given the dismal and duplicitous diplomatic track record of the Arab states; even the Soviets will happily testify to the validity of this fact. The dark hints that various American officials continue to make about the viability of Begin's government strike one as odd; do these gentlemen realize through the mist of their arrogance that their meddling in Israel's internal affairs is tainting Israel with the remem-

brance of Chile, Angola, Vietnam, and other examples of strategically unnecessary and morally suspect intervention by the United States? Given the current climate of political instability within Israel, it simply does not make sense for the United States to continue to express its opinion about the personal characters of its two leading actors, Begin and Ariel Sharon, Minister of Defense; their idiosyncracies are not what is at issue.



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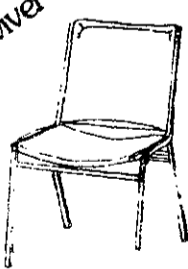
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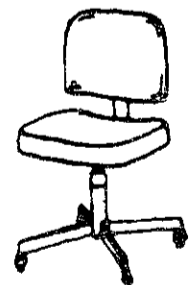
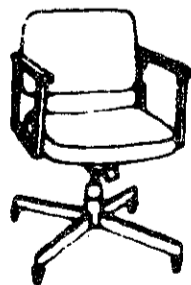
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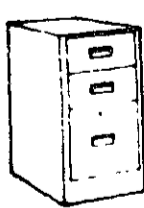
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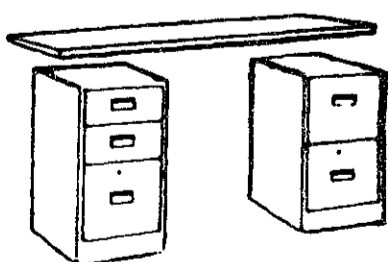
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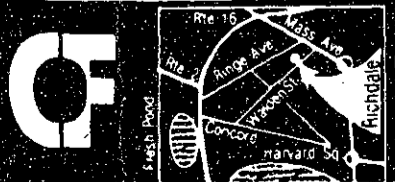


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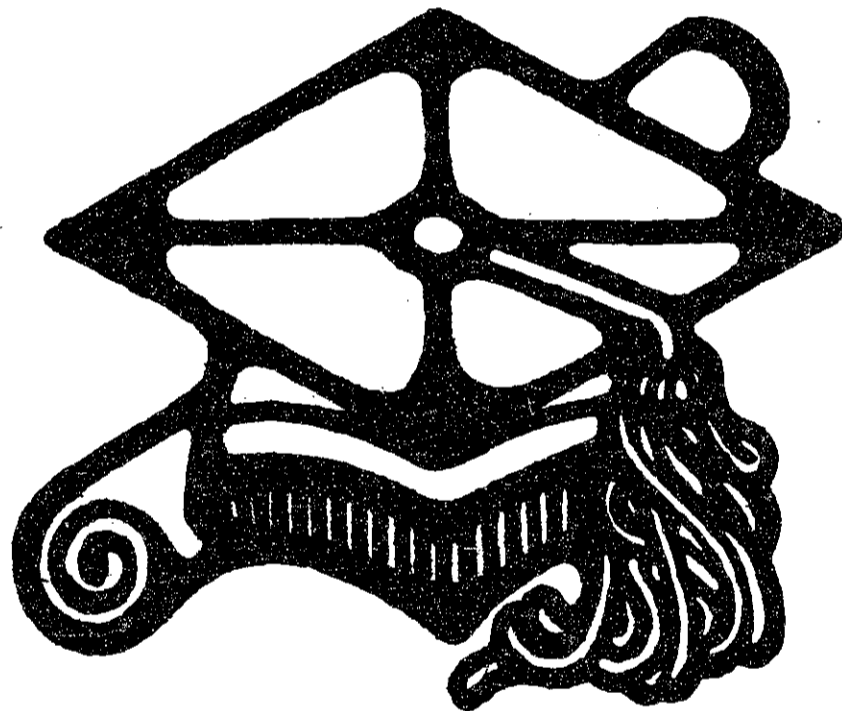
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Commencement 1983



The Commencement Committee invites recommendations for speakers and/or topic areas from all members of the MIT Community for a Commencement speaker at MIT's Commencement on Friday 27 May 1983. The Commencement speaker should be one who will be able to address topics of relevance to MIT. Written nominations and topic areas may be dropped off at the following locations:

The Undergraduate Association Office — Room W20-401

The Graduate Student Council Office — Room 50-222

The Information Center — Room 7-121

Deadline for nominations and suggestions is 22 October. In addition, suggestions may be filed with any member of the speaker subcommittee of the Commencement Committee. They are: John G. Kassakian, Chairman; Langley C. Keyes, Ex-Officio and Chairman of the Commencement Committee; Kenneth E. Dumas, Senior Class President; William J. Hecht, Executive Vice President of the MIT Alumni Association; Walter L. Milne, Assistant to the Chairman of the Corporation and Assistant to the President; Mary L. Morrissey, Director of the Information Center; and Luu T. Nguyen, President of the Graduate Student Council. The speaker subcommittee will review all suggestions and make a short list for submission to President Gray. The list will not be made public nor will it be rank ordered. The responsibility and authority for selecting a Commencement speaker and issuing an invitation will rest with President Gray.

arts

the missing...

Missing Persons on Capitol Records mini LP, 14 minutes, \$4.98 retail.

A Flock Of Seagulls on Arista Records. Boston radio is well-known for being progressive. Soft Cell's big hit of the early summer, "Tainted Love," was first played here last December. The Missing Persons are a group whose time has come in Boston but not the rest of the country. Their first top-selling cut, "Words," has sent the mini LP up to number 46 on Billboard's chart but well into the top ten here in Boston.

"Words" is a mostly synthesized masterpiece. The five melodic lines combine into top-ranking fun with all the necessities present: the lyrics are not repetitive nor do they have the same subject matter as every other pop song. The voice of Dale Bozzio is new and interesting with an unusual stark quality. The beat is fast but not overwhelming. Moreover, the song has not had so much airplay that no one can stand it anymore. In fact, no New York station has added it to their playlist. But then, no one in New York had the chance to hear "Valley Girl" either.

The mini LP has two songs per side. "Destination Unknown" follows "Words" on the first and is already destined for

AOR-pop radio. More obviously synthesized than "Words," the second cut has slightly less pop-influence than "Words," has more use of back-up vocals, and doesn't last quite as long. Without even considering side two, buy this album. Sale prices have been seen as low as \$1.99.

Unfortunately, side two is also around. "I Like Boys" reminds me of The Waitresses combined with Joan Jett. Well, the instrumentation is interesting. Enough said. As for "Mental Hopscotch," a punk influence is easily noticeable in the singing. Hey, y'know!

Capitol has been kind enough to provide a plastic inside jacket but forgot the lyrics.

"I Ran," the first hit from A Flock of Seagulls, has run to number 21 in twelve weeks. It takes progressive radio stations to play this cut because it isn't quite pop, but isn't rock either — much like "Words." The reason this song has done so well where "Words" has not is simple: video. "I Ran," was co-released as a video as well as a single. MTV, HBO's Video Jukebox, and Showtime's Take Five picked it up at once and it has been climbing the charts ever since. The video shows our new wave friends freaking out while "walking along

the avenue meeting a girl like you" and singing some frequently unintelligible lyrics. Super drumwork and a good rhythm pulls the cut through. Since it is slightly repetitive, by the second listening the tune has been engraved in your mind. Fortunately, most of the major Boston stations have been playing the cut (not overplaying, thank you).

Recently released is "Space Age Love Song." Here, we start to think what will soon be confirmed: these birds have only one beat. The drumstrokes haven't changed since the first cut. Without the abused synthesizers, this song might be on a par with "Eye In The Sky." Unfortunately, much of the beauty of this cut is masked with over-instrumentation.

Throughout the album, introductions are too long and repetition runs rampant. Most of the tunes are at least interesting but the album purchase is a toss-up over 45s. I doubt the cuts have much longevity and will fall off the charts and your own list of favorites rather quickly. On the other hand, the Flock could develop and grow just as readily. I'm looking forward to their next album.

Arista did not see fit to include lyrics or a soft record cover.

Stuart Gitlow



emotions in motion

Emotions in Motion, Billy Squier on Capitol Records.

Quite simply, *Emotions in Motion* is standard Billy Squier. This is by no means intended to detract from this artist's talents. The album is an expected continuation of the sounds presented in his last successful record. Containing such hits as "Everybody Wants You" and the title track, Squier preserves the promise he demonstrated in *Don't Say No*.

Squier, who has been recording since 1980, has a commendable ability to fuse the turbulent guitars of heavy metal, the coarse lure of his voice, and a powerful rhythm section. This all adds up to music that "keeps you rockin'" as one cut on the album emphasizes. Surprisingly enough, Squier even has a few welcome, melodious

interruptions in "In Your Eyes." Squier's tough rock brand of music is quite appealing on the dance floor, but these are not the chords to listen to while tooling on a problem set.

For those of you who missed his summer appearance at the Garden, too bad! He encoored several times for a screaming audience that enjoyed his weekend music. Those of you who missed the concert should hop down the street and purchase the album.

After seven weeks on the charts, *Emotions in Motion* hit number five on Billboard's album survey. Squier is one of four male solo acts to hit the top five more than once since 1980.

Suresh Srinivasan

...and
the dead

As every Grateful Dead fan knows, the real value of music is derived from the spontaneity and excitement inherent in live performances. The members of the Grateful Dead are well aware of this fact and consequently they direct their energy predominantly toward touring rather than creating records or MTV videos. Their albums rarely sell well but their concerts certainly draw a big crowd. They have more live albums than any other rock group and while bootlegging concerts is outlawed, it seems more than welcome at a Dead show. This fact is very blatantly depicted by a deluge of microphones infiltrating the stadium where they are playing.

The uniqueness of every Dead show is a trademark. Variation is in very limited supply in today's rock music industry; most groups play near-identical shows barely taking opportunity to inject a healthy supply of songs from the current album, most of which will never be played again. This is key to the appeal of a Grateful Dead concert. They have played four consecutive shows in New York with only one song common to every show.

While Dead concerts can, and do, range from eh to boring, when things click the pleasure derived from the experience compensates for any loss of interest. Fortunately, their latest tour has been one of the tightest and well-played series of concerts in recent times and last Saturday's performance at the Boston Garden proved to support this current ideal.

The Garden is not gigantic and one can't get lost in the great expanse of a large hall. The ability to see what was going on on stage came in handy when Bob Weir shared the responsibility for lead guitar and when Bill Kreutzman and Mickey Hart played a memorable drum solo reminiscent of the Radio City shows with the drummers revolving to different drums within a circle.

The compendium of songs at the show dates from a rarely heard "Dupree's Diamond Blues," a song from their third album, to two songs which are potential cuts from an upcoming album. The show also included the Dead's unique and impressive interpretations of such rock classics as "Little Red Rooster," and "Around and Around." Additionally, the encore, "It's All Over Now, Baby Blue," was written by a great songwriter very familiar to the Jerry Garcia Band, Bob Dylan.

The show opened with a segue of the always welcome "Jack Straw" into "Sugarfree." Bob Weir then took control with a borrowed "Mama Tried" into an excellent rendition of a song from his Ace (1972) album, "Mexicali Blues." A fabulous performance of a song followed which, although sounding as if it could have been written by one or more members of the band, is not to be found on any of their albums. "Little Red Rooster," whose presence is seldom desired, was sadly played without much, if any, improvement over The Rolling Stones' version on *Love You Live* (1977).

After a break of average duration, about 25 minutes, the second set opened with "Samson and Delilah." Mickey Hart eventually replaced Weir and the customary Drum Solo that ensued was produced with great adeptness as they demonstrated how to people can share a circular drum set. This slowly transgressed into the other unknown song (Ashes to Ashes?) which could turn out to be Weir's prominent song on the new album. The rest of the set consisted of standard songs in immediate succession and concluded with "One More Saturday Night" during which Weir once again demonstrated his ability as a lead guitarist. The Dead returned to stage for their typical one encore and then departed leaving a very elated audience.

While Jerry Garcia never displays as much enthusiasm on stage with the Dead as with Merl Saunders and the rest of the Jerr Garcia Band, Bob Weir generates no less excitement with the Dead as he does with his solo group, Bobby and the Midnighters. Accordingly, the show was extremely Weir-dominated as Garcia let youth reign and triumph.

Adam Brody

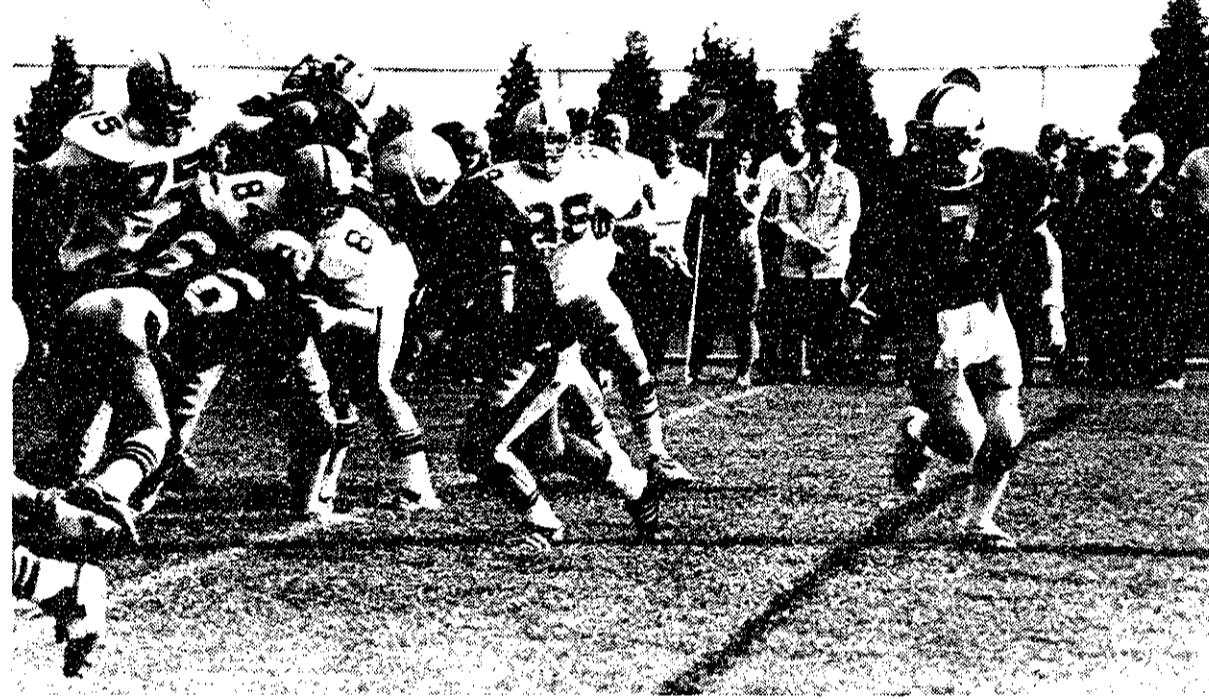
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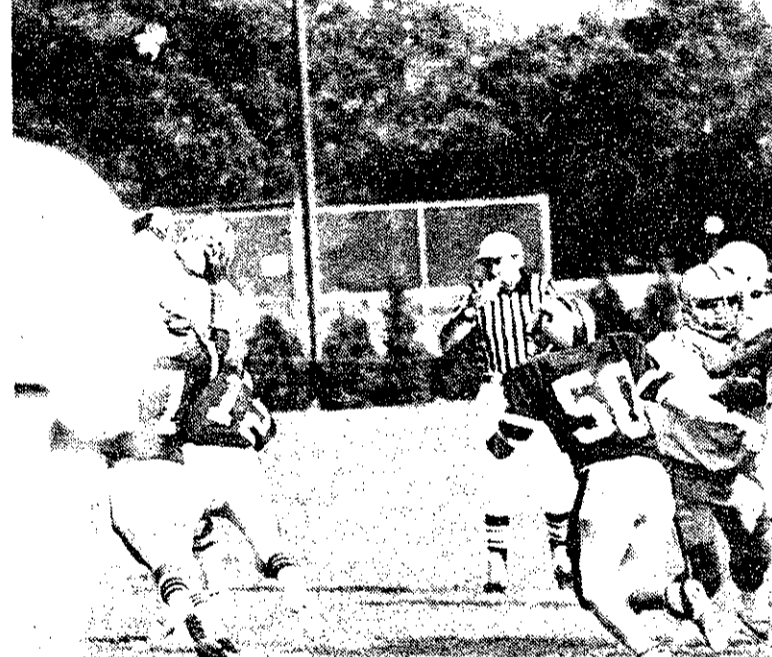
THE SCORE: MIT 14, Fitchburg State 7 **THE TOUCHDOWN:** Vinnie Martinelli (7) passes to Stu McKinnon (86) who runs in for a twenty-nine yard TD play.



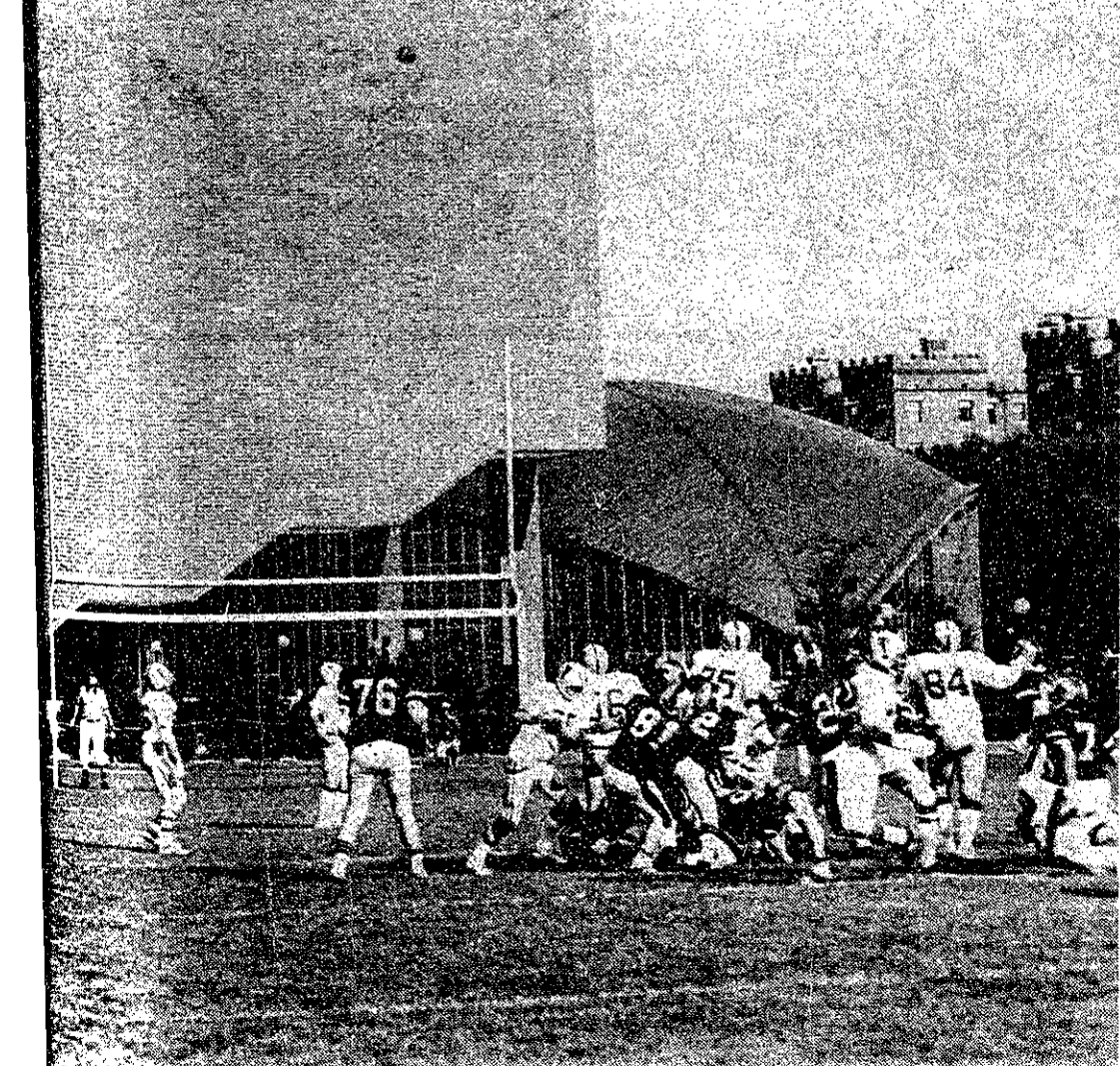
THE DEFENSE: Doug Gouche (47) brings down a fumble in the second half.



THE OFFENSE: Martinelli hands off to Dan Curran (81) as Scott Berceli (66) clears the way.



PASSING: The MIT offensive line gives Martinelli time to throw. Eddie Grado (12) and Vince McNeil (67) see that Fitchburg State's Ed Caveney (12) doesn't. State's Collins can't quite get to the ball.



KICKS: Tom Hastings (28) opens the scoring with a thirty-yard field goal. Ken Stenger (45) punts the ball away. Hastings kick offs. Ellen Williams, Hyuna and Kathy Geary get "fired up". **THE PHOTOGRAPHER:** Gerard Weatherby.



feedback

Issues usually ignored

To the Editor:

This letter is in response to Mark Templar's Friday, September 17, column advocating that the Democratic Party propose new, dynamic policies to counter Reaganomics. I am not opposed to this. However, I think practical considerations have compelled Democrats and Republicans alike to stress their candidates' personalities rather than the issues.

Take for example the Massachusetts Republican gubernatorial primary. John Lakian, a highly charismatic upstart with no political experience or platform of substance, captured his party's endorsement and held a lead in the polls until *The Boston Globe* published an expose that cast serious doubts upon his integrity.

I see two reasons for this emphasis on personality. First, the present vagueness defining party lines makes it difficult for a party to unitedly advance a platform, or for a voter to put faith in such

an advancement. Look no farther than Democrat Ed King who supports Reagan's economic policies and bided his time before endorsing fellow Democrat Dukakis.

Second, and more importantly, the issues have become extremely complicated. Reagan's blatant shifts in economic policy have taught us that there are no clear solutions to our economic woes. Trial and error are the present trend. Set forth a program, and then allow forces in the system shape it into a working policy. Thus, I believe the voter is less interested in seeing specific solutions or even a general set of principles advanced and more interested in seeing an energetic, charismatic candidate who will do *something*, allowing the complexities of the system to further define it.

For better or worse, I believe personalities, not policies, will win this campaign.

Raffi Aroian '83

Ad was disgusting

To the Editor:

We are writing to express our disgust at an ad that you allowed to be printed in your Friday, September 17 issue. This ad dealt with a "Hottest College Jock" contest being held at a Boston gay lounge.

The presence of this ad in *The Tech* was a violent offense to the MIT community. It can be reasonably assumed that any organization that a newspaper (or, for that matter television station or other public medium) gives ad space to is an organization which that medium supports in some way and/or has respect for. Now, is this telling us that *The Tech* is willing to openly support, even if only in this manner, a group who seeks centerfolds for its gay publication to the offense of a great number of people? As a comparable situation, imagine what might happen if the paper contained an ad from *Playboy* looking for centerfolds for its maga-

zine. Supporters of the feminist movement from Eastgate to Westgate would be out for the editor's head the moment the issue came out. The fact that a great majority of the population of MIT might be revolted by ads of this type should give enough cause for it not to be printed at all.

Just because it is uncomfortable to discuss homosexuality does not mean that we as heterosexuals can or should have to tolerate such flagrant neglect of our sensitivity. This does not reflect well at all upon *The Tech's* judgement in these situations. The fact that *The Tech* is MIT's official media representative means that they have a certain amount of responsibility toward the school and its students, faculty, and personnel. This fact makes this unfortunate occurrence that much more of a shame.

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Women's Sailing, Single-Handed Championships, 9:30am

October 3

Women's Sailing, Single-Handed Championships, 9:30am
Men's Tennis vs. Emman-uel, 1pm

October 5

Men's Soccer vs. Brandeis, 3pm
Men's Tennis vs. Clark, 4:00pm

October 6

Field Hockey vs. Franklin Pierce, 10pm
Men's Soccer vs. Endicott, 11pm
Men's Tennis vs. Wellesley, 12:00pm

October 7

Baseball vs. Mass. Bay Community College, 4pm
Women's Volleyball vs. Bridgewater State, 7pm

October 9

Men's Sailing, MIT Invitational, 9:30am

October 11

Field Hockey vs. Anna Marie, 1pm

October 13

Men's Soccer vs. Boston College, 3pm

October 14

Women's Soccer vs. Wheaton, 7:30pm
Women's Tennis vs. Wheaton, 3:45pm
Women's Volleyball vs. Wellesley, 7pm



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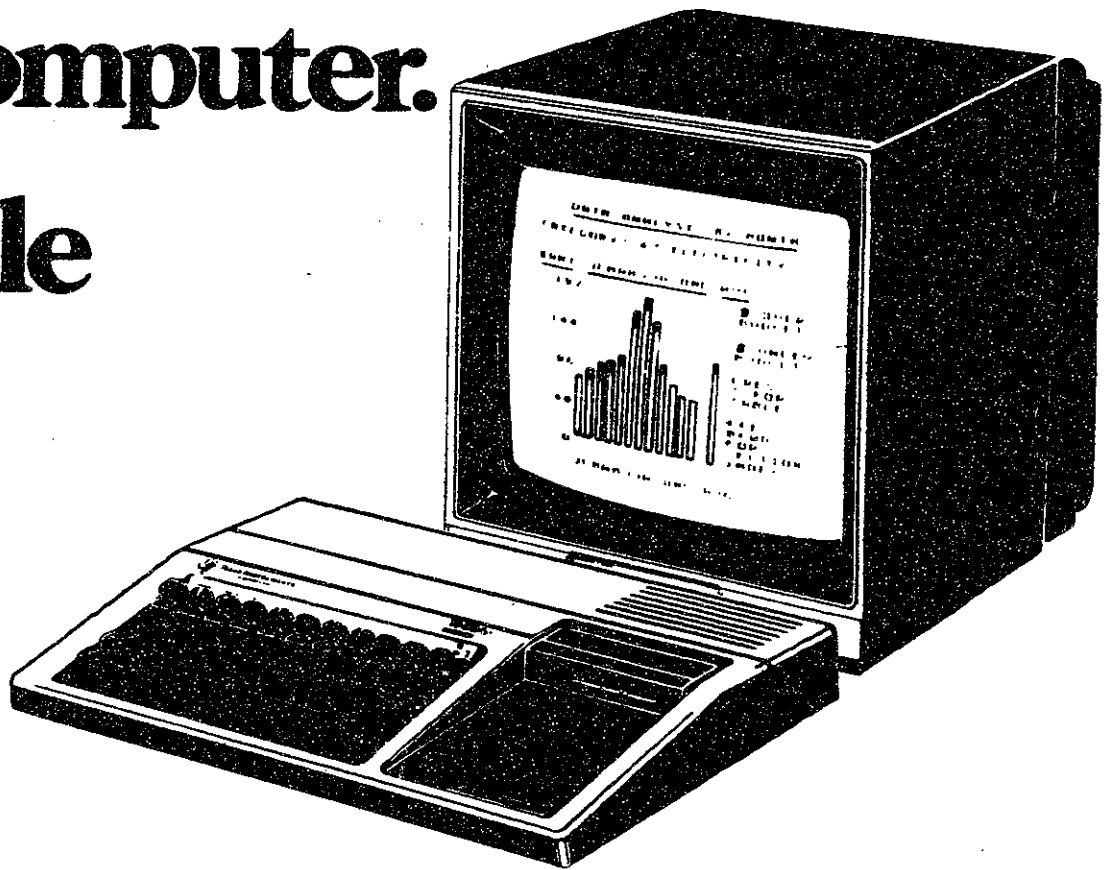
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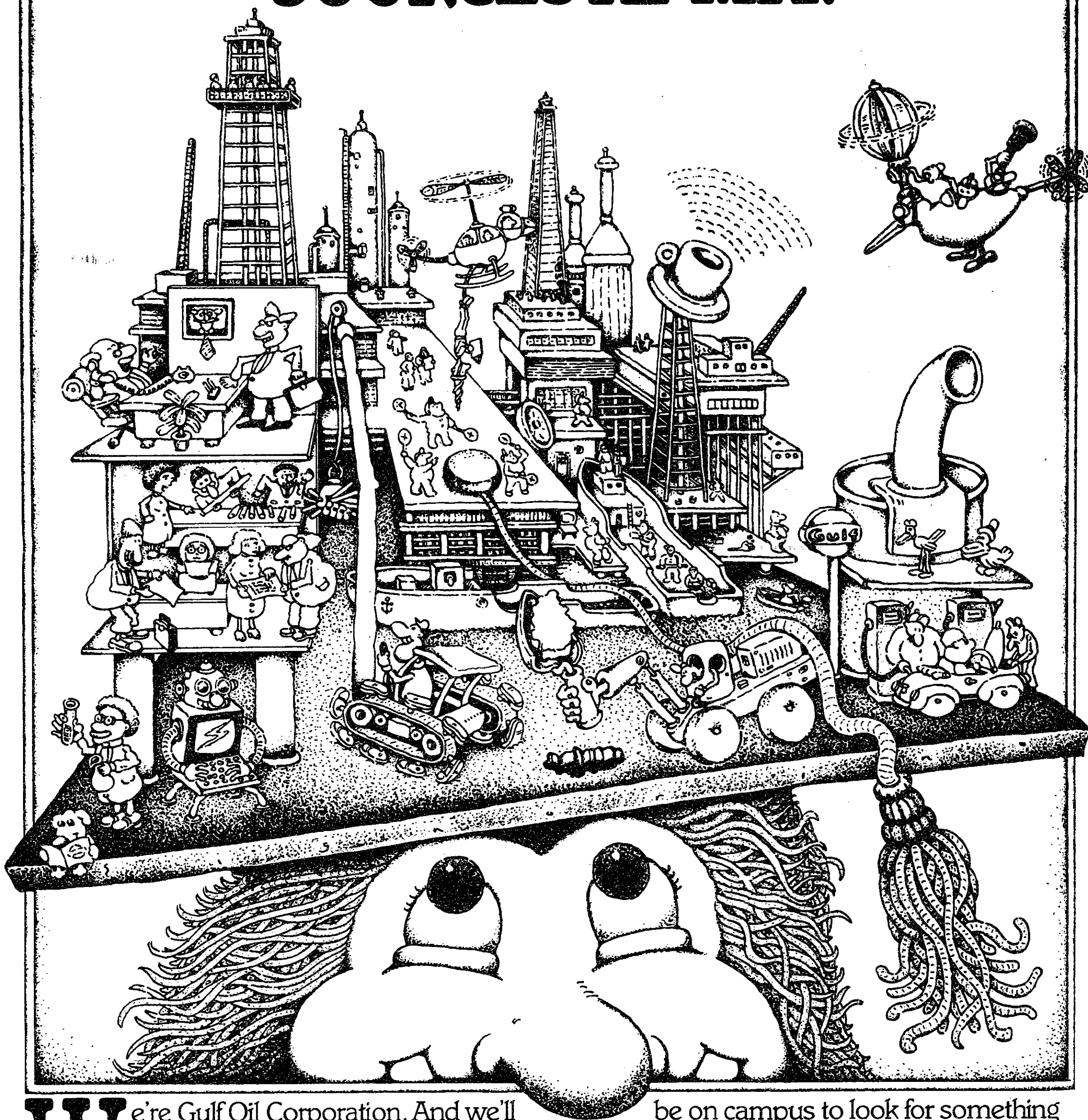


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comics

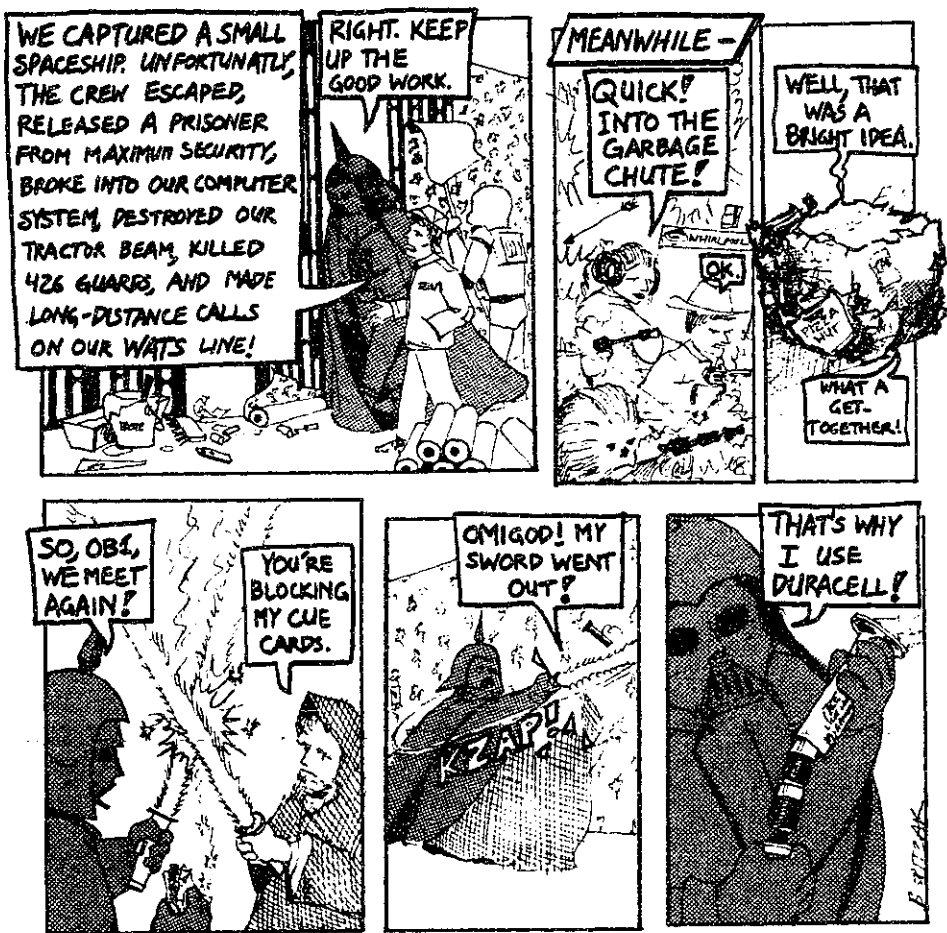
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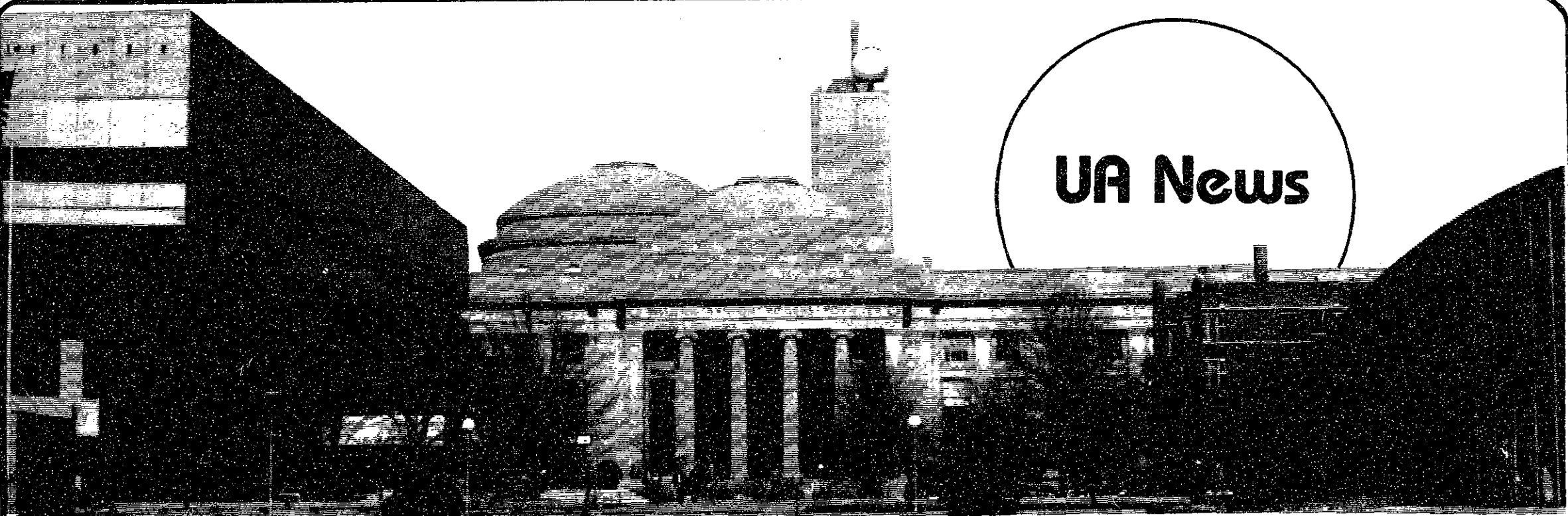
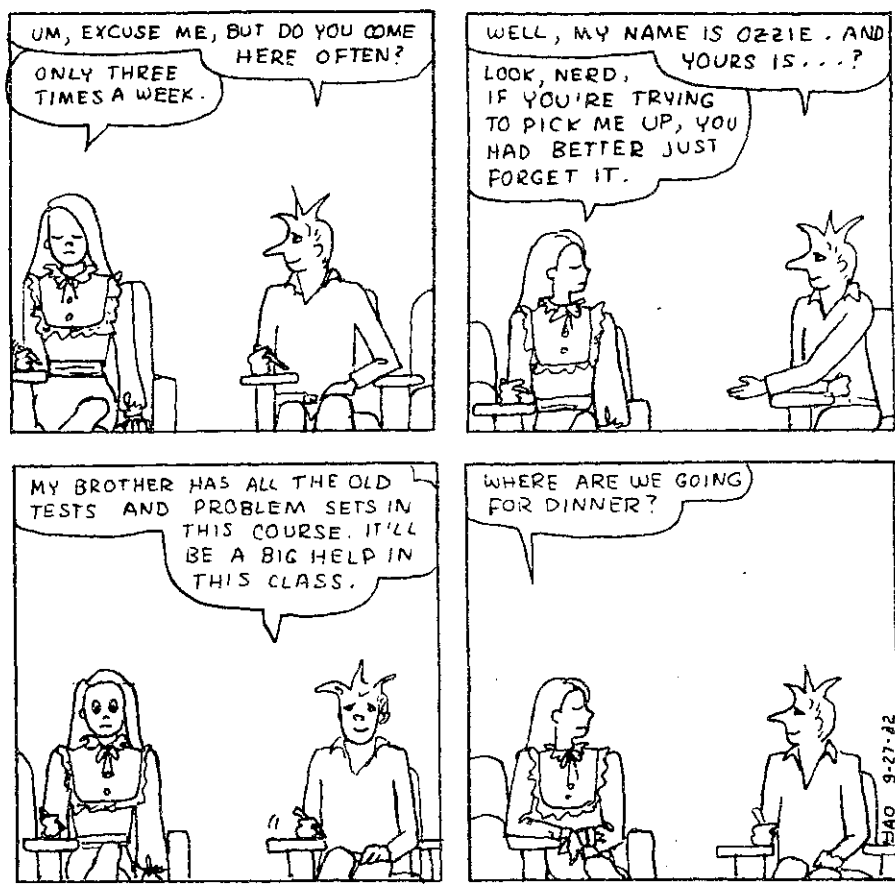
Stickles
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Space Epic
By Bill Spitzak



Room 001
By Carol Yao



UA News

Interesting People at MIT!

The Educational Council is trying to give high school students an accurate idea of what MIT is really like. (Although that may be counter-productive ...) They need your help, and if you think that you are an exciting person that could convince high school students that they'd actually like to go to MIT, contact Susanne von Rosenberg (x5-8319 or 494-9039) or leave her a message at the Burton Desk (x3-3261).

PLEASE DO NOT HACK

The Class of '83 will be holding an open meeting this Wednesday, September 29, at 5 pm in room 400 of the Student Center. Agenda items include Commencement

Speaker, Homecoming activities, Social events, and '83 Newsletter. All members of the Class of '83 are invited.

Carol Yao Wants You

The Class of '85 T-shirt and paraphernalia committee is looking for a chairman! Actually, it's also looking for a committee. If you're interested in producing a T-shirt that'll "freak-out" those Harvies, or a beer stein to drink those problem sets away, call Carol (x5-8883).

Speaking of T-Shirts

Class of '84 T-shirts will only be sold once this term. (And a good thing that is - could you imagine selling a T-shirt twice?) Shirts will be on sale in Lobby 10, today through Thursday. Price is \$4.00

each, and colors are red, green, tan, dark blue, and light blue. 150 shirts are left and no more shirts will be made.

Somebody at MIT

does care about you
The MIT Medical Department is holding a series of lectures on various topics concerning your health. Seminars include weight control programs, stress management sessions, and general health promotion lectures. Call the Health Education Service at x3-1316, or drop by their office in E23-205. \$8700 is TDM to be sick over!

UA News Needs You, Too!

If your club has some event that it wants to publicize, send the appropriate information to:

Esteemed UA News Editor
W20-401
If you are incredibly paranoid about the way your item will be printed, write "Do Not Hack" on your submissions, although you do so at your own risk.

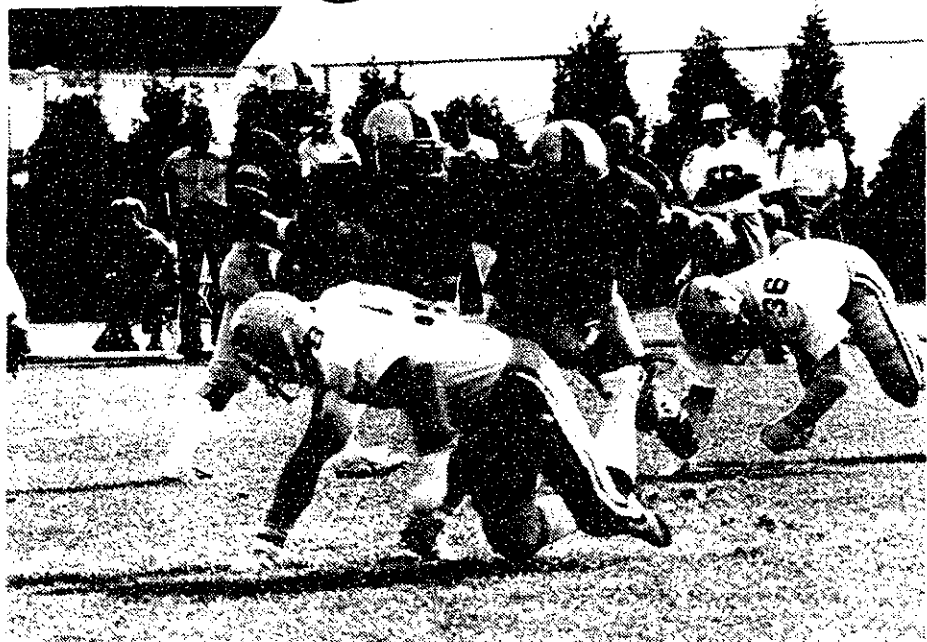
**DEFY HARVARD
TERRORIST DEMANDS!**

Don't submit to Harvard's decree that all MIT students will wear alligator shirts. But an MIT-mascot beaver shirt today through Thursday in Lobby 10 - only \$10. MIT students unite! You have nothing to lose but your alligators!

Designer UA News
by Shawn Wilson

sports

Strong defense powers Engineers to victory



tech photo by Gerard Weatherby

Jim Bittman (36) cuts behind Dan Curran's (81) block in Saturday's game.

By Martin Dickau
Strong defense and Fitchburg miscues paved the way to a 14-7 victory by the Engineers over the visiting Falcons Saturday afternoon. MIT moves ahead of Fitchburg in the league standings with a 2-1 record, while the Falcons' record drops to 1-2.

As in previous games, MIT came out strong in the first quarter. A fumble recovery by Tim Coe '85 set up a thirty-yard field goal by Tim Hastings G to give

the Engineers a quick 3-0 lead. After forcing Fitchburg back on its next series, quarterback Vin Martinelli '85 capped a fifty-one-yard drive with a twenty-nine-yard touchdown pass to the team's leading scorer, Stu McKinnon '83. Hastings' kick raised the score to 10-0.

Although the Falcons shut down the Engineer running game in the second quarter, MIT did manage to score four points, thanks largely to Fitchburg's

punting team. With slightly over one third of the period gone, the visitors found themselves gaining minus eight yards on a drive from their nineteen. When the center snapped the ball for the punt, it sailed over the punter's head and out of the end zone for a safety, making the score 12-0.

On its next drive, Fitchburg could not advance from the twenty-three and was forced to punt. Once again, the snap sailed over the punter's head. The punter, Mike Coyne, chased the ball down, but he was hit by MIT's

Ed Grado '83 before he could get the ball out of the end zone. The halftime score stood at 14-0.

Fitchburg's lone tally came early in the fourth quarter on a twelve-yard run by Gordon Smith. Neither team had much success offensively after that, and the final score remained 14-7.

The MIT defense was, in the words of head coach Dwight Smith, "Just great." Besides holding Fitchburg to a net first half yardage of minus nine, the Engineers also forced seven fumbles, four of which MIT recov-

ered. The defensive star was Grado, who had five sacks for a total of fifty-five yards lost.

The Engineers, who were playing without the right side of their offensive line, are hoping for the return of some injured players before Saturday's game at Worcester State. Worcester is currently ranked number one in the league.

MIT's next home game will be October 16 when Bentley College comes to town for the homecoming game. That contest is scheduled to start at 1:30pm.

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Danielle Sherwood
McCormick Box 706, dl 8666, or
Peggy Pescatore
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