

Panel to review MIT financial aid policy for Academic Council

By Barry S. Surman

President Paul E. Gray '54 has appointed a special Academic Council task force to review the Institute's policy of providing financial aid to all undergraduate students demonstrating financial need.

"The time has come," Gray said in his charge to the task force, "to review this policy in the light of likely future developments, Institute funding priorities, and the changing policies and priorities of universities with which we compete for students."

"It is essential," Gray continued, "that this review reflects our commitments to social and economic diversity in the student

body and to the principle that access to an MIT education not be determined by economic status."

Gray directed the panel to consider alternative admissions and financial aid policies, such as need-sensitive admissions and merit-based financial aid, and to review the Institute's policy of subtracting outside scholarships from a student's aid package.

"I don't know even what the nature of the recommendations might be," said Associate Provost Frank E. Perkins '55, chairman of the task force. "We first have to figure out how we want to proceed."

The panel will consult "anyone and everyone" with expertise in

admissions and financial aid, Perkins said. "Obviously, student opinion . . . will be heard from as well."

Other members of the task force are Vice President Constantine B. Simonides, Vice President for Financial Operations Stuart H. Cowen, Dean for Student Affairs Shirley M. McBay, and Professor Sheila E. Widnall '60, chairman of the faculty Committee on Undergraduate Admissions and Financial Aid.

The task force will report in March to the Academic Council, a decision-making committee composed primarily of MIT's deans and vice presidents.

Group Velocity fails in record try

By Jake Tinio

Mechanical breakdowns plagued MIT Group Velocity's entry in the eighth International Human-Powered Speed Championships in Irvine, Calif., last weekend, frustrating its hopes of breaking the land speed record for a human-powered vehicle.

Group Velocity spent over a year designing and building its human-powered vehicle. The machine did not perform well in Saturday's race, finishing in fourth place with a speed of 42.258 miles per hour, according to Peter Boor, Vice-President of the International Human-Powered Vehicle Association.

White Lightning, a group from Northrup University, finished in first place on Saturday, with a speed of 50.943 miles per hour, Boor said.

In Sunday's competition, Group Velocity finished in third place with a speed of 49.424 miles per hour, behind White Lightning and Vector Group, a team of engineers from General Dynamics Corporation, according to Boor.

Vector Group holds the current land speed record of 62.92 miles per hour. Their top speed Sunday was 57.899 miles per hour, Boor said.

An entry from the Northeastern University was also hindered by mechanical difficulties, Boor noted, attaining a top speed of only 11 miles per hour Sunday.

Group Velocity's cyclists did not coordinate well mechanically, and several components of the vehicle, including the chain, broke down, Boor explained.

The five riders are top New England cyclists who were chosen over the summer and trained extensively for the record attempt, said Group Velocity member John Hsu '84.

Group Velocity's machine, the New Wave, "has four front wheels and is designed for five riders," states a recent Group Velocity progress report. "The driver powers the front two wheels, which are mounted side by side, and also steers and brakes. The other wheels, located at the mid-point and the rear of the vehicle, are each powered by two riders using both pedals and hand cranks. Outrigging wheels provide additional stability at low speeds. The riders sit in a recumbent position, since the human body can provide much more pedaling power in this position."

Using Group Velocity's student members, the team attempted to crack Vector Group's record last

Tuesday morning at Hanscom Air Force Base in Bedford, Mass., but failed when one of the outriggers snapped at high speed, causing the vehicle to fall on its side and skid on the runway.

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New House master resigns

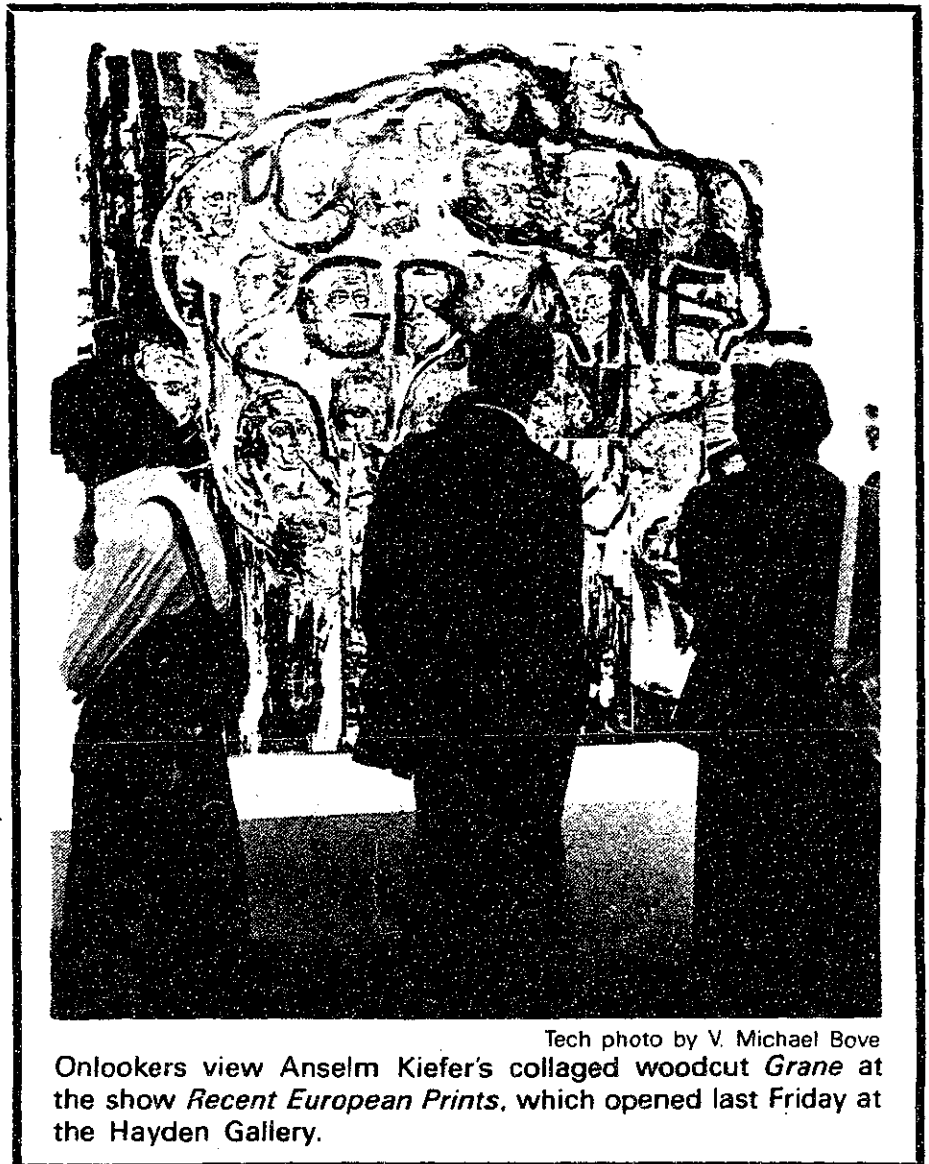
By Tony Zamparutti

Professor James H. Williams, Jr. '67 resigned last Saturday from his position as housemaster of the New West Campus Houses (New House).

Williams announced his resignation in his concluding remarks at a ceremony dedicating New House I in honor of the late James B. Fisk '31, former president and chairman of Bell Laboratories, and New House VI in honor of Dr. George W. Thorne, a life member emeritus, of the MIT Corporation.

Williams said he left for strictly personal reasons. Williams explained in his speech he was divorcing his wife, Karen H. Goodall. He has been housemaster since New House opened in July, 1975.

Williams said yesterday his resignation "had nothing to do with the housemaster system or the residence system *per se*."



Tech photo by V. Michael Bove

Onlookers view Anselm Kiefer's collaged woodcut *Grane* at the show *Recent European Prints*, which opened last Friday at the Hayden Gallery.



Tech Photo by Bill Coderre

New House Housemaster Professor James H. Williams Jr. '67, and his son J.T., as they were closing dedication ceremonies Saturday. Minutes later, Williams announced his resignation.

Dean for Student Affairs Shirley M. McBay said she did not know of Williams's resignation until his pronouncement. "We were informed, just as every else was, in [his] closing remarks."

Williams said he did not notify anyone in the administration of his intention to resign before Saturday. The program for the dedication listed Williams as housemaster at the beginning of the program, but only as Professor of Mechanical Engineering for his concluding remarks.

"He had given us a letter to that effect" on Saturday, McBay noted, but she said she did not read it before the dedication.

"In the interim, I feel that the residence program is in the very capable hands of Jeff and Betsy Lang," Williams said. Professor Jeffrey H. Lang and his wife, Elizabeth Lang, are New House's Junior Faculty Residents.

"As I said on Saturday, the past seven years have been the best seven years of my life," Williams said yesterday. "There is a buzz that goes on in the dormitory that excites me — I'm sorry to leave that."

The Office of the Dean for Student Affairs will begin a search for a new housemaster, McBay noted.

SCC budget tops \$102K

By Ron Norman

The Student Center Committee (SCC) postponed approval of a \$102,500 budget for 1983 and elected Kenneth E. Dumas '83 chairman Sunday.

The proposed budget for the fiscal year beginning July 1, 1982, projects \$100,000 in income from arcade games, \$1,500 from interest and \$1,000 from dinner and refreshment fees.

Income from SCC's pinball and video game room last year was more than double that of previous years. The additional revenue is being used effectively, claimed Steve Thomas '83, outgoing SCC chairman. "We're trying to improve social life in the Student Center," he said.

The budget does not include the SCC 24-Hour Coffeehouse. The coffeehouse budget is "about a quarter of a million dollars," according to Undergraduate Association Finance Board Chairman Charles P. Brown '84.

SCC plans to spend \$30,000 for Friday night events, \$8,000 for midnight movies in the Student Center, and \$5,000 for Friday afternoon clubs on Kresge Oval.

Friday night events include live band parties at the Student Center. More popular Boston bands

have been hired recently, Thomas said, at greater expense to SCC than in the past. Friday afternoon clubs are warm-weather parties featuring local bands on the Student Center steps.

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inside

MIT students' free membership in Boston's Museum of Fine Arts may soon end because it costs too much — Page 2.

Coming soon, a new guide to spring term subjects — Page 2.

All Four One, Bleed for Me, Steel Breeze, and Annie's fifth visit — Page 6.

Amidst a growing forest of red brick buildings, a bit of old Kendall Square remains — Page 7.

SCEP guide to rate 120 spring subjects

By Dan Crean

The Student Committee on Educational Policy (SCEP) is completing its *Course Evaluation Guide* for spring term and preparing another guide for fall 1983, according to SCEP co-chairmen Steven E. Barber '84 and Kei-Mu Yi '83.

SCEP will issue its spring guide in November, Yi said. The guide will be a compilation of responses to questionnaires students in selected classes were asked to complete last spring. Similar questionnaires will be used to evaluate this term's courses for the next guide, scheduled for release in April.

Course evaluations will contain averages of students' quantitative ratings in areas including interest, quality, and toughness of subjects, and a sampling of student comments, according to Yi.

The evaluation forms SCEP distributed to students were geared to large lecture and science courses, Yi said, and were often inappropriate for small seminars and humanities subjects. SCEP plans to use two types of forms in the future — one for classes in the humanities and one for those in the sciences — he said.

SCEP's *Course Evaluation Guide* for the current semester contained reviews of 75 subjects. The new issue will feature about 120 subjects, Barber said. The ex-

panded guide will contain evaluations of all core science subjects and most sophomore- and junior-level requirements in the more popular departments, Yi added.

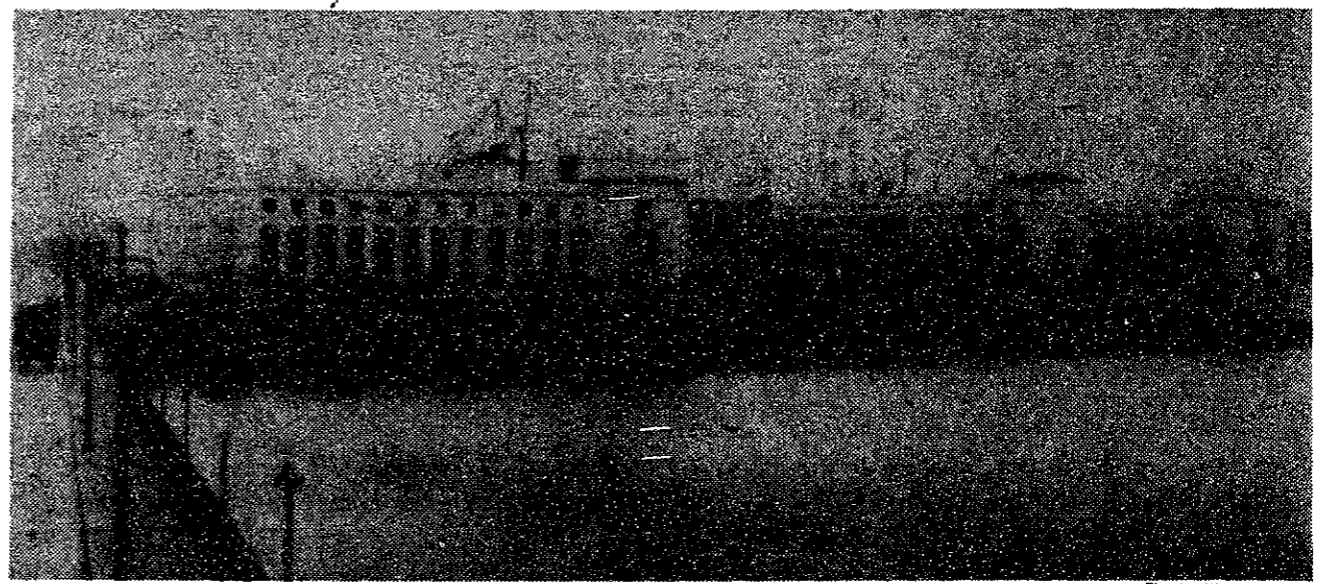
The SCEP guide evaluates courses primarily in the Schools of Science and Engineering. Yi said. Only a few non-technical courses — in architecture, economics, and philosophy — are included in the guide.

SCEP plans to increase the program, however, to "hopefully include all of the humanities distribution classes," in the April guide, Yi said. The expansion will approximately double the size of the guide, Barber said.

The *Course Evaluation Guide* "serves everyone at MIT — faculty and departments as well as students," Yi said. Faculty members, Yi explained, gain student feedback about areas such as workload and teaching style, while students get a clear, "balanced response from the entire class," rather than just a few individuals.

Barber estimated the cost of the fall guide at \$7000. Money for the project comes from the Deans of Science and Engineering as well as the Provost's Office and the Undergraduate Association, he said.

About fifty students worked to prepare the spring *Course Evaluation Guide*.



MIT under construction in 1915, as seen from the Harvard Bridge. The land was filled using, for the most part, mud from the Charles River. The massive structure, designed by W.W. Bosworth '89, is supported by 22,000 piles. The Great Dome, modeled after the Pantheon, had not yet been constructed at this time.

Cost threatens MFA privileges

By Thomas Huang

The Council for the Arts at MIT is unsure whether it can fund free membership for MIT students at the Boston Museum of Fine Arts (MFA) next year, according to Stacia E. Zabusky, a staff member of the Council.

The MFA charged the Institute \$7500 for membership privileges, including free admission, for MIT students this year. Next year's fee, the museum announced, will be \$10,000.

The Council needs to raise the \$10,000 by December, when the Institute's two-year membership expires.

Two years ago, grants from the deans of MIT's five schools, the Office of the Dean for Student Affairs, the Undergraduate Association, the Graduate Student Council, and the Council for the Arts funded MIT's membership.

"We are concerned that membership sponsors might not be able to afford the rise in cost during this time of budget cuts," Zabusky said.

The Council has not yet officially informed the other groups of the cost increase, according to Zabusky. The groups, she said, have not yet budgeted any money

for renewing the MFA membership.

The Institute's membership entitles MIT students to free MFA admission and discounts on items in the MFA shop and museum lecture and concert fees. Admission to the museum normally costs \$3.50.

MIT students made over 13,100 visits to the MFA last year, according to Zabusky.

The Council for the Arts, founded 11 years ago, has 97 members, about two-thirds of whom are MIT alumni. The Council supports art activities at MIT with advice and finances, promotes the idea of art aided by technology, and helps show there are people at MIT interested in art, Zabusky said.

The Council has recently encouraged students to visit the museum. A drop poster in Lobby 7 and an article in *Tech Talk* advertised the free admission.

SCC budget vote delayed; Dumas elected chairman

(Continued from page 1)

The new budget sets aside \$27,000 in undesignated funds for activities SCC sponsors with other groups, unbudgeted events, and other projects.

SCC expects to spend \$12,000 on equipment, such as movie screens and beer taps and \$1,500 on additions like a message board and stools to the video games area.

The committee allocated \$4,500 to publicize events, \$3,000

for administrative costs, \$7,000 for "SCC special projects," \$4,000 for dinners and refreshments for SCC members, and \$500 for partyline — a telephone hotline with taped social event listings.

Last year's special projects included a \$893.47 freshman recruiting mailing, Christmas gifts for the Student Center managers, a residence/orientation week "deli night," and T-shirts for SCC members.

Practice runs without the fairing produced a top speed of 45 miles per hour, Hsu said. Last Tuesday, the vehicle attained a speed of 53 miles per hour before the outrigger broke, he added.

The outriggers were shortened before the run to increase aerodynamic efficiency, Hsu noted.

Group Velocity predicted in their progress report that a top speed of 70 miles per hour could be reached with the fairing.

MIT cycle finishes fourth

(Continued from page 1)

None of the riders was injured and the vehicle sustained "minimal" damage, according to Richard Mastrangelo '85.

A Lexan plastic fairing, a long streamlined shell to reduce aerodynamic drag, was installed on the vehicle for the first time before the record attempt. The fairing was punctured but did not rip, Mastrangelo said.

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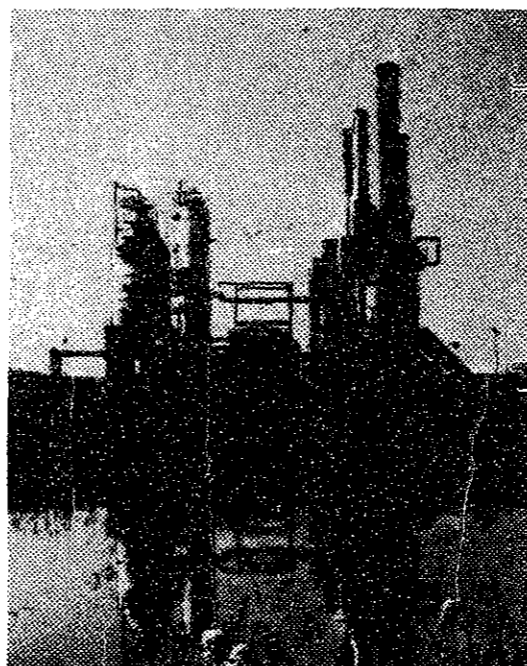


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news roundup

World

Israeli soldiers killed in Lebanon ambush — In an incident Sunday six miles east of Beirut, six Israeli soldiers were killed and 22 injured when they were ambushed by unidentified attackers. On the same day, a land mine in downtown Beirut wounded at least six people, including two French soldiers in the peacekeeping forces. US envoy Phillip C. Habib returned to Washington after meeting with Syrian President Hafez Assad in Damascus on Sunday.

Spanish army officers accused of plotting coup — The Spanish Defense Ministry announced three army colonels were arrested last weekend for plotting a coup, which would have taken place on October 27, the day before national elections. The Socialist Party is expected to win the elections. The planned coup was backed by right-wing officers arrested for an aborted overthrow on February 23, 1981. Pope John Paul II is planning a nine-day visit to Spain beginning October 31, just after the elections.

Sudan to send troops to Iraq — The government of Sudan announced Sunday it will send troops to aid Iraq in its war against Iran. Sudan did not disclose how many men and weapons it will send to help Iraq. The government of Iraq did not comment on Sudan's announcement. Western analysts predicted other Arab governments might match Sudan's offer of troops. Sudan said its decision to aid Iraq followed mutual defense resolutions adopted at last month's Arab conference in Fez, Morocco.

Sports

For those who were asleep or studying on Sunday — the Atlanta Braves won the National League west division race and the Milwaukee Brewers the American League east division. The Sox also had fun, ending the season with a three-game sweep of the once-great New York Yankees. The Brewers will play the California Angels tonight in the American League pennant race. The Braves will meet the St. Louis Cardinals tomorrow night in the first game for the National League pennant.

Weather

Sunshine — Today will be sunny, with the high about 67 degrees. Tonight will be clear and cool, with a low of 50 degrees in town, 45 in the suburbs. Tomorrow, the high will be in the middle 70's, under sunny skies, unless something goes seriously wrong.

Tony Zamparutti

WATCH THE UNITED STATES OLYMPIC TEAM TAKE A DIVE

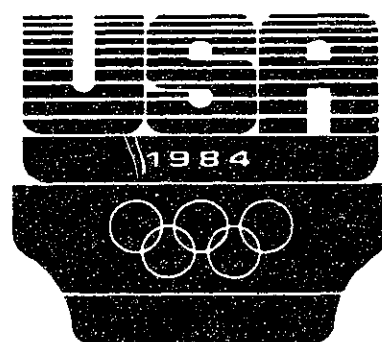
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opinion

Editorial

GA has special responsibility

At this Thursday's Undergraduate Association General Assembly (GA) meeting, the newly-elected body will have the opportunity to assert leadership sorely lacking in other sectors of MIT student government. The GA has been asked to consider the revisions to freshman year pass/fail proposed by the faculty Committee on Educational Policy (CEP). The GA must articulate student sentiment on this issue, a job other student leaders have failed to perform. They should direct the Undergraduate Association President to use his speaking privileges at the October 20 faculty meeting to express student opinions on this issue.

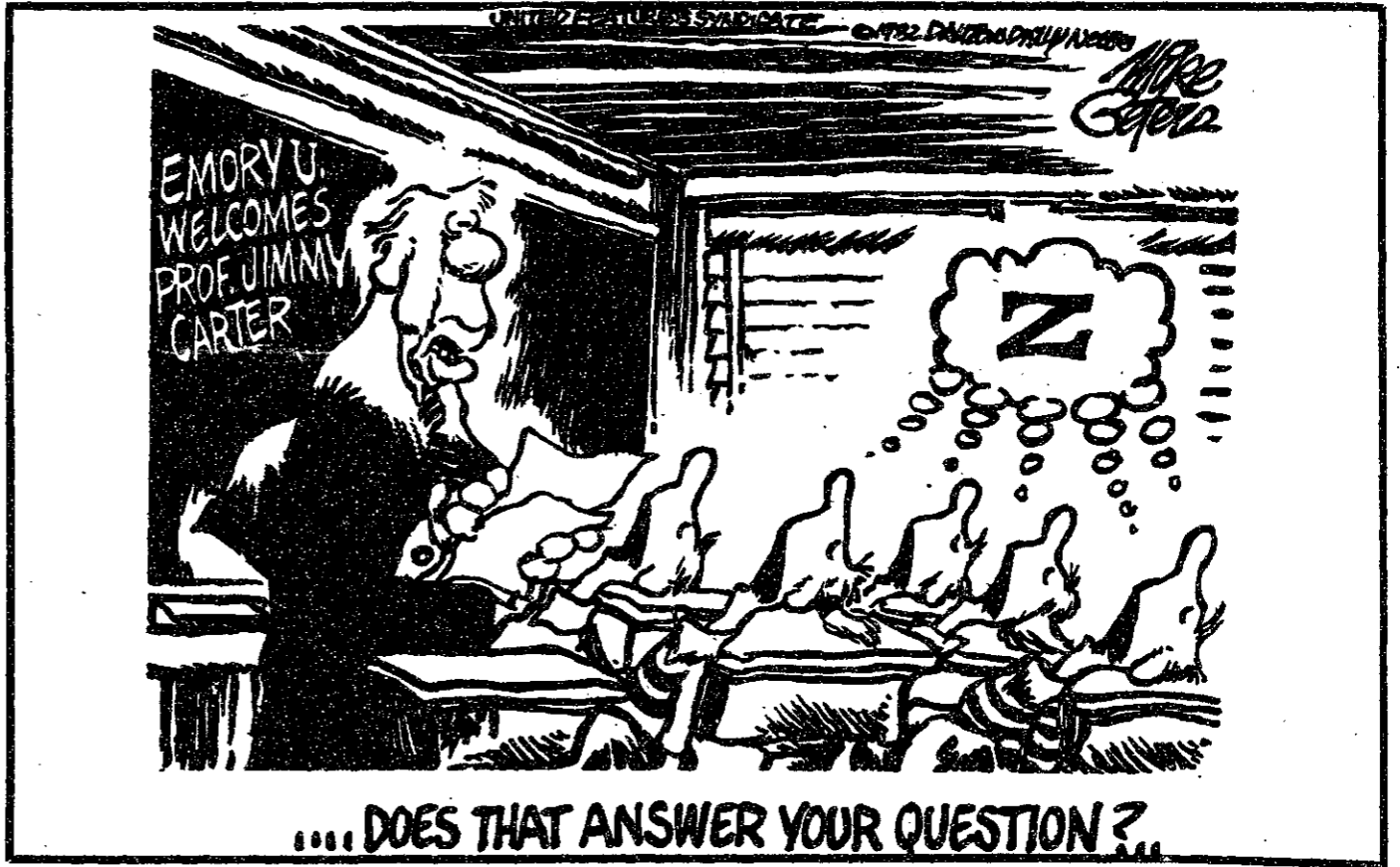
The student proponents of the CEP plan offer mostly hazy and poorly-considered paraphrases of the CEP report. The CEP's consideration of revisions to the pass/fail system has been marked by heavy reliance on anecdotal evidence and lack of attention to the needs of MIT's undergraduates. No one has attempted any serious, thorough study of the effect the proposals would have on stepping up the pace of an MIT education, especially during the freshman year, when every effort should be made to reduce the amount of pressure to which students are subjected.

The CEP seems also to have ignored the educational implications of these changes, mistakenly believing that returning freshmen to a more formal grading procedure during the spring term provides the only effective means of student evaluation and the sole guarantee that students learn core course material. Rather than focusing attention on MIT's sadly lacking freshman advising system, evaluating the often less-than-stellar quality of freshman instruction, or concentrating on making the current subjective feedback mechanism work, the CEP has sent a clear message to freshmen: you may be at the world's finest engineering school, but do not expect educational breakthroughs at MIT. It is simpler for harried professors to return to the traditional A-B-C-D-F grading system than to spend a few extra minutes more thoughtfully evaluating a student's performance.

The CEP guarantees the new, more formal hidden grades will never be released by MIT, but it has made no provisions to insure these informal grades will not be abused. No one has said what will happen when a graduate school insists a student release his grades. Students may feel pressure to do so. With some departments already using "hidden grades" in prerequisite subjects to restrict enrollment in subsequent courses, the CEP's reassurances ring suspiciously hollow.

Another issue the CEP has ignored is one of integrity. It is totally inexcusable to change the pass/fail system to affect this year's freshman class, as has been proposed. MIT has a commitment to these students to retain the pass/fail evaluation system they were told would govern their first year in Cambridge, rather than changing the rules in the middle of the game.

The pass/fail issue deserves extended, in-depth discussion among all members of the MIT community. The CEP should be directed to reconsider its recent efforts, and at the very least, produce more solid evidence to support the contentions it now makes so glibly. The GA must assume the mantle shunned by other student leaders and insure the faculty does not make a decision all of MIT will regret.



Column/David C. Lingelbach

Massacre reaction hypocritical

Israeli Prime Minister Menachem Begin, his Minister of Defense Sharon and the future of Israel all stand accused of a crime that they did not commit: the murder of at least 300 Palestinian residents of the Shatila and Sabra refugee camps in South Beirut. Beyond Minister Sharon's largely accurate charge that the massacre at the hands of Lebanese Christian militiamen is being used by professional Israel-haters to force the Begin government into turmoil, there are certain observations that can be properly made by foreign commentators. First, the military occupation by Israel of the southern half of Lebanon does not imply an Israeli responsibility for civil order; to require such in the case of the Lebanese Republic would be similar to making firemen accountable for all the fires that they could not prevent. The intentions of the Begin government with regard to the invasion were clear: to create the underlying conditions for some sort of peaceful coexistence between Israel and her neighbors. They did not pretend that their actions would be pretty ones, and perhaps suspected that Lebanon's disgruntled political factions would react precisely as they did in the assassination of President-elect Gemayel and the massacre of Palestinians. There was no civil order in Lebanon prior to the Israeli incursion, and therefore one cannot expect Israeli military administration to measure up to perfect standards from the start. In a state of anarchy, everyone loses, and yet no one can be legitimately held to blame. The Israelis recognized this fact: their military deeds were the first concrete steps taken since 1975 to re-

store the legitimacy of Lebanon.

The hypocrisy associated with media and diplomatic reaction to the deaths in Beirut is almost beyond words. Where were these self-appointed guardians of the 'public interest' when 60,000 Lebanese and Palestinian civilians were being mowed down between 1975 and 1981? How much coverage has been devoted to the growth of Beirut during the 1960s and 1970s as the forward base of the international terrorist movement and a laundering center for dirty petrodollar money? How often has the diplomatic community at the United Nations castigated the Christians, Moslems,

and Palestinians of Lebanon in the same way they have Jerusalem? Why did these centurions of peace brush aside as insignificant the regular assassination of Western diplomatic personnel in Lebanon and the never-ending threats to the lives of the Lebanese President, Prime Minister and National Assembly Speaker? It is hard to say, but the obnoxious personal characters of Begin and

Sharon come out looking good when compared with the implicit sanction of this violence and national disintegration by public of-

(Please turn to page 5)

feedback

Reader complains of media coverage

To the Editor:

In a recent article, *The Tech*, when describing a forum on Israel's invasion of Lebanon, used the word "brutal" in regard to the Israeli action. By writing in this fashion, *The Tech* has joined the rest of the nation's news media in irresponsibly condemning Israel for the massacre in the refugee camps before an inquiry has been made. In keeping with this trend, panelists at the forum presented rumors and half-truths to the audience as reality.

The news media and members of the forum have chosen to forget that Israel initially invaded Lebanon for two humanitarian purposes: to free their own peo-

ple from constant PLO shelling and to free the civilians of Lebanon from the horrors of the PLO occupation. Instead, the forum began with a slide show which "documented" the destruction in Lebanon. What was neglected to be mentioned was that much of the devastation wreaked in Lebanon and shown in the media occurred far before the Israeli invasion, during the Lebanese civil war in which one hundred thousand people died. Professor Chomsky, the keynote speaker at the forum, normally laudably skeptical about the media's representation of fact, apparently had no difficulty believing hysterical (Please turn to page 9)



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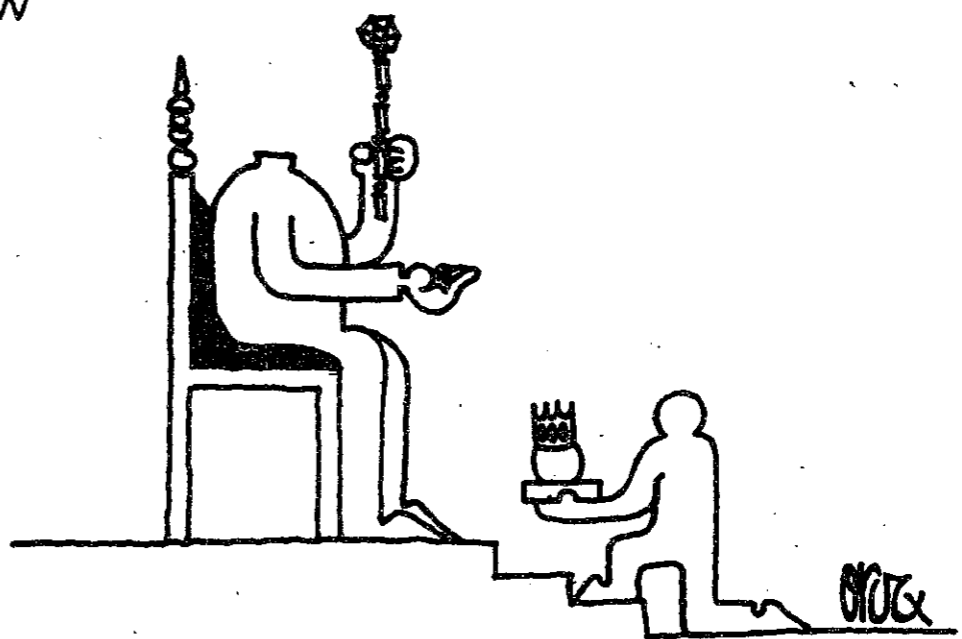
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Oruç's View



By Oruç Çakmakli

Opinion

Massacre has worldwide repercussions

(Continued from page 4)

ficials and journalists throughout Western Europe, North America, and the Soviet Union. Everyone must weep for the families of the 300 Palestinians, because their passing has been made so utterly trivial by media 'events' of the recent past.

Having untangled the moral complexities of the massacre question, it is important to inquire into the repercussions of that event inside Israel. The re-

cent demonstration of 400,000 Israeli citizens in Tel Aviv is an odd occurrence: the history of Israel and, indeed, Judaism since at least 70 A.D. has not, in the main, been one of mob reaction to political crises. On the contrary, Jews have always placed a high value on the moral and intellectual development of the individual. What the gathering of roughly 10% of the Israeli population indicates, paradoxically, is the long-term popularity of the Prime Minister's political party

and its founding ideals. Begin and his successors depend upon the growing proportion of Oriental Jews being born in Israel to convert Zionism from a socialist and Western concept championed by the Labor Party into a profoundly conservative and combative force in the Middle East. It is their spirit of anti-Arabism and xenophobia, not that of the petit bourgeois and the intellectual, which will determine the course of Israel for the foreseeable future.

The Orientalization of Israel will soon create a crisis in relations between Israel and the West that should put the tactical blunders of the Reagan years to shame. When Israel becomes indistinguishable in demographic and cultural terms from the Arab world, will the United States and its Jewish community lend support to a state with which they can find little common ground? Will the Oriental Jews remember the countless acts of kindness and courage that have defined U.S. relations with Israelis over the past thirty-four years? Will they recall that the value of Israel, beyond being a refuge for vic-

tims of the Holocaust and general anti-Semitism, lay precisely in its experimental nature, in its ability to fly in the face of the mediocrity that is modern Arab culture? Will they recall that the hairy geopolitical position of Israel and its refusal to integrate with the rest of the Middle East created a sort of high-browed and pragmatic leadership (in the form of Ben Gurion, Meir, Dayan, and Weizman) that is of immense value at the present to a rudderless Western civilization? It is not usually wise to live in one's past, but let us hope that an Orientalized Israel will choose to do so.

feedback

Book selection clarified

To the Editor:

I am writing in response to Arthur Lee's Tuesday, September 28, column regarding the revision of Japanese textbooks. Lee failed to properly explain the textbook selection process in Japan.

The Ministry of Education approves textbooks for use in Japanese high schools. When reviewing a textbook, the Ministry makes recommendations and suggestions to the publishers. Recommendations must be followed for the textbooks to be approved; however, suggestions are optional. The Ministry suggested revisions in the textbooks to change the Japanese invasion of China to an "advance." Other suggested changes included the Nanking Massacre and the Korean national uprisings. Since they were suggestions, the publishers were not compelled to follow them. The Ministry approves several textbooks for use in high school history classes. Some of them de-

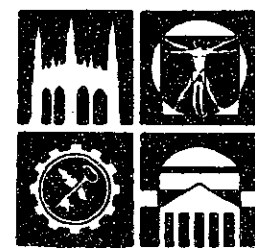
scribe the Japanese invasion in China as an invasion, others describe it as an advance. The approved textbooks represent a variety of viewpoints and it is up to the individual school to decide which one to use.

In writing this letter, I do not mean to imply that the Japanese government is free from any wrongdoing. I agree with Lee that "The Japanese people of today and tomorrow must know what really happened." However, the final decision as to what "really happened" rests with the schools and teachers in their presentation of the material.

What really prompted me to write this letter was Lee's assertion that "Japanese militarism may well be on the rise again." Among the reasons he gives to support his assertion is the increase in Japan's defense budget. (The current defense budget is slightly over one percent of the GNP.) Anyone with even a su-

perflous knowledge of Japanese society or politics would know that this statement is simply ludicrous. Japan's self-defense force is ill-equipped to protect the country against any major attack, much less launch a military campaign. Further, the Japanese constitution explicitly prohibits the introduction, production, or deployment of nuclear weapons. Finally, there is no other country in the world that has suffered the ravages of nuclear war. The horror of Hiroshima is still very strong in the minds of the Japanese. They are determined to see that this kind of tragedy will not be repeated.

James Mihori '83



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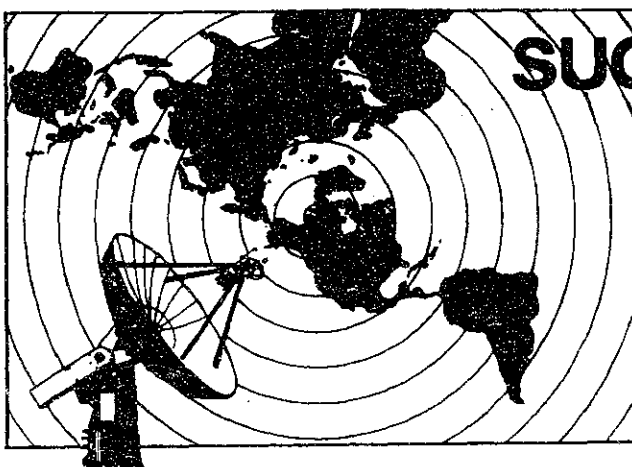
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discs

All Four One. *The Motels* on Capitol Records, \$8.98 retail.
"Bleed For Me," *The Dead Kennedys* on IRS Records.

Steel Breeze. on RCA Records. I find myself with some loose ends to tie up here concerning musical releases, so here is a partial synopsis of what's going on at the lower end of the musical Richter scale.

We just got the Motels album, *All Four One*, into the office; yes, it's been out all summer and yes, you've heard just about the whole first side on the radio, but it's interesting to look it over again now that the dust has settled. The big question about this album when it first came out was whether or not the Motels had intentionally slicked over their sound in an attempt to become more commercial. The album's pop feel is stronger than that of those previous to it, with a few cuts sliding nicely into the Top 40, but I don't think the band is culpable. The impression is, on the contrary, that there is nothing very calculated about the sound here. The Motels after three albums are still a band in upheaval, and it was all they could do to just get into the studio and give it their best shot.

For a while it had been in doubt that there was even going to be a third Motels album. Martha Davis, the lead singer and main motive force for the band, was tired of continually struggling for recognition and was considering quitting. Progress in the studio was slow, and guitarist Tim McGovern was kicked out halfway through the project. But after signing Guy Perry, ex of Elephant's Memory, and extensive re-mixing of what tracks they had, things began to come together. Finally, better than eighteen months after the release of their previous album, *All Four One* hit the shelves.

discs

The album is very uneven, but the lows are not unbearable. "Take the L" is a pretty awful bit of fluff, but the band's musical rawness saves it from the generic plasticity wrapped Top 40 oblivion. On the other hand, "Mission of Mercy" and "He Hit Me (And it Felt Like a Kiss)" have a nascent, disconcerting sound, more reminiscent of their earlier work. The whole album in fact, seeing as the Motels are not really stellar musicians, has an accidental quality, a knife-edge kind of urgency. The music of *All Four One* has one of the traits of the best rock 'n' roll—the feeling that everything is just about to come apart.

The Dead Kennedys have just released a new single, "Bleed for Me," backed with "Life Sentence." I remember my first reaction after hearing their EP, *In God We Trust, Inc.* was that in comparison, *Fresh Fruit* was positively melodic. The new offering signals an upward shift in quality, however, as Jello Biafra and the rest are once again putting some thought into their composition and their delivery. "Bleed for Me" is a standard rant against wars and the people who organize them, made memorable by a powerful chorus hook (how can you resist the call to "C'mon BLEED!!"). "Life Sentence" is a song about, yes, being a gnu.

The newest big deal on the AOR play-lists is *Steel Breeze*, a San Francisco bar band that's just put out its first national release. Frankly, it's trash. It's the most mind-numbing piece of phono candy I can recall hearing recently. Scanning the song titles is like reading a list of mid-seventies soft rock clichés. The songs are shot through with artless synthesizer fillers, and the voice of lead singer Ric Jacobs hasn't got nearly the strength to carry the melodies.

Songs like "I Think About You," and "I Can't Wait" have no meat to them, and feature no musical originality. The entire album is so slick and homogeneous, individual songs are nearly indistinguishable. I haven't heard such monotonous inter-changeability since Jefferson Starship's *Modern Times* album. *Steel Breeze* sounds like no more than, well, a San Francisco bar band.

Stephen Huntley

annie

Annie. National Company at the Metropolitan Center with Becky Snyder, Rhodes Reason, and Kathleen Freeman; Tuesday through Saturday evenings at 7 pm, 2 pm matinees on Wednesday, Saturday, and Sunday. Students with College ID's get half-price tickets.

Even hard work and cold mush have not taken their toll on Annie, as she continues to charm audiences in her fifth Boston appearance.

Set in New York City in 1933, the musical tells the story of the young girl Annie, who was left at an orphanage with half of a locket and a note from her parents. Annie clings to the hope that, as the note says, her parents will come and get her later, bringing the rest of the locket as proof that she belongs to them.

The ever-optimistic Annie, played by Becky Snyder, sings through her struggles in the orphanage, her search for her parents, and finally her adoption by billionaire Oliver Warbucks. Annie's optimism not only endears her to Warbucks, but it also helps her win the hearts of everyone she meets, from the Hoovervilles, a group of shantytown inhabitants, to President Roosevelt. Snyder's singing voice and acting talent make her performance high quality. Her cute canine friend, Sandy, also adds to the drama.

Kathleen Freeman hilariously portrays the cruel orphanage director, Miss Hannigan. In between flirting with deliverymen, grumbling about the orphans, and drinking to forget her troubles, Miss Hannigan conspires with her crooked brother and his friend Lily, trying to find a way out of her job in the orphanage to "Easy Street."

Playing "Daddy" Warbucks is Rhodes Reason. The rest of the cast includes a rather restrained Grace Farrell (Kathryn Boulé), personal secretary to Warbucks, and five boisterous orphans. The script, based on the comic strip "Little Orphan Annie," won a Tony Award for its author Thomas Meehan.

Well-designed scenery and costumes contribute to the depression-era theme of the musical. The music, composed by Charles Strouse, and the lyrics by Martin

Charnin are catchy and varied. The orchestra and a few of the actors perform a little too quietly, however.

Overall, the musical is satisfying and entertaining. Tickets are available for student discounts with I.D.s for \$12, \$8.50, and \$3.50. Discount tickets are now until October 16. Tickets can be purchased by calling Suzanne L. Horne 542-3600.

annie

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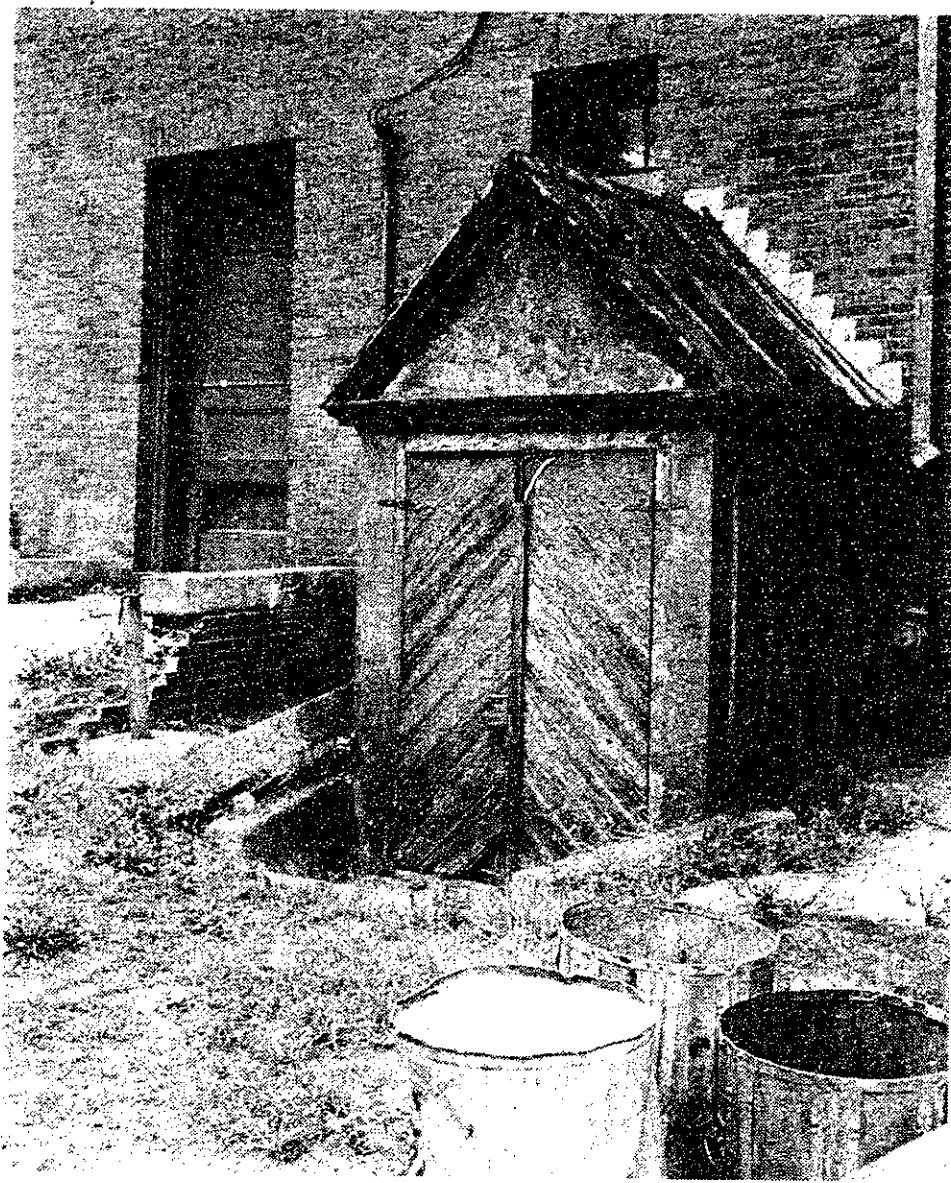
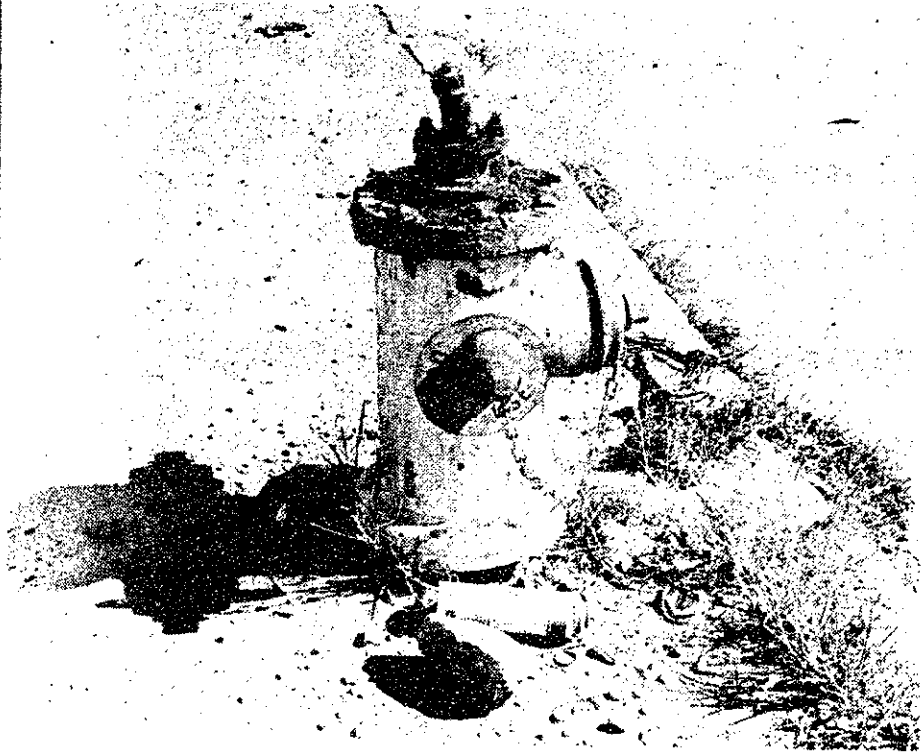
CAMPUS INTERVIEWS

Oct. 6, 7, 8 1982

Placement Office

photo

Remnants of the old Kendall Square



Despite the demolition and reconstruction taking place for the new Cambridge Center project, some aspects of the former Kendall Square still remain. A walk through the Square on a recent morning yielded an old outhouse; a defunct, rusted-out fire hydrant; a huge, fruit-laden pear tree; and a bit of cryptic graffiti.

—V. Michael Bove

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notes

The national Harry S. Truman Scholarship Award competition is open to current sophomores intent on a career in the public service. The awards are \$5000 a year for the junior and senior year and for up to two years of graduate school. Two MIT students will be nominated for the competition by the President of the Institute. Any student wishing to be considered should contact Dr. Louis Menand III, Room 3-234, extension 3-7752, before October 15, 1982.

Add date is Friday, October 15; the Registrar's Office will not accept add/drop cards without all of the necessary signatures. The Undergraduate Academic Support Office, 7-103, urges students to obtain all signatures well before deadlines to avoid petitioning the CAP for approval of a late change. If your advisor is unavailable, contact your undergraduate officer or department headquarters.

The Bursar's Office student accounts hours are 9 am to 4 pm. Students who wish to see their account representative after 4 pm must call 253-4132 for an appointment. Emergency Dean's loan refunds will be processed until 5 pm. For information call Richard Davidson, Assistant Bursar, at 253-4133.

The Center for Cognitive Science is sponsoring a seminar series on Tuesday evenings at 7:30 to 9:30 in room 36-428. The seminars will discuss recent papers in linguistics, philosophy, and artificial intelligence. For additional information, contact Brenda Abanas, 253-7358.

Harvard Professor of Social Ethics Herbert C. Kelman will discuss "Ethical Conflicts in Social Research," at 8 pm, Wednesday, October 6, at the Cambridge Forum, three Church Street, Harvard Square, Cambridge. The lec-

ture is free and open to the public.

The Cambridge Forum will present MIT Computer Science Professor Joseph Weizenbaum at 8 pm, Wednesday, October 13 at three Church Street, Harvard Square. Weizenbaum will discuss "Are Computers Really Good for Children."

On Thursday, October 7, the Harvard Law School Forum will present John Jay Osborn, Jr., Author of *The Paper Chase*. Osborn will discuss "Harvard, Hollywood, and Houseman: Alternatives to Wall Street" at 8 pm in Langdell Hall. Admission is \$2.50. For further information, call 495-4417 or 868-1989.

Dr. Michael Maccoby will speak about "The Bureaucrat: Character and Work in the Federal Government," at 4:30 pm, this afternoon, in room 150 of the John F. Kennedy School of Government at Harvard. For further information call Mary-Ellen Kelley at 495-4531.

A statewide Nuclear Freeze Day will be held today. Members of the Massachusetts congressional delegation and Randall Forsberg, one of the organizers of the nuclear freeze movement, will speak at a rally at 11 am in Northeastern University's Alumni Auditorium. Peter, Paul, and Mary will perform. For further information contact Suzanne Lidell, 437-2732.

The Mobilization for Survival and the Central America Solidarity Association will hold a rally October 24 to support: US non-intervention in Central America and the Caribbean, a freeze of the arms race, no US involvement in the Middle East and South Africa, and a transferral of Federal funds from the military to human services. For further information call 354-0008 or 492-8699.

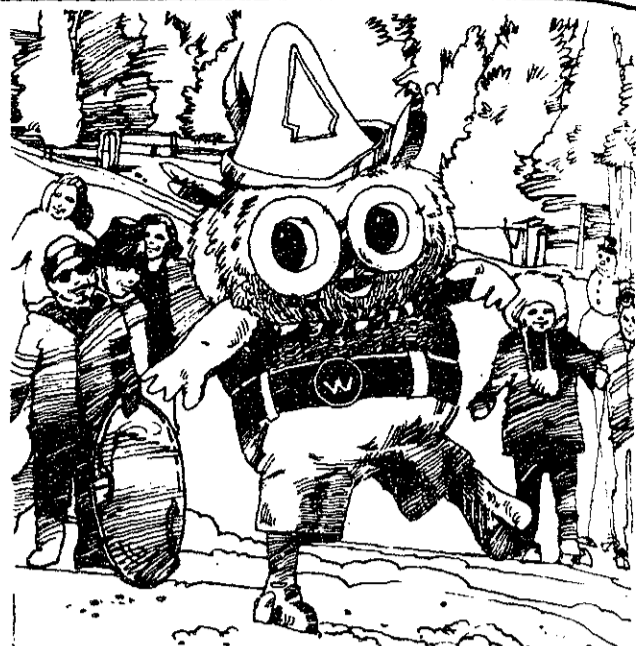
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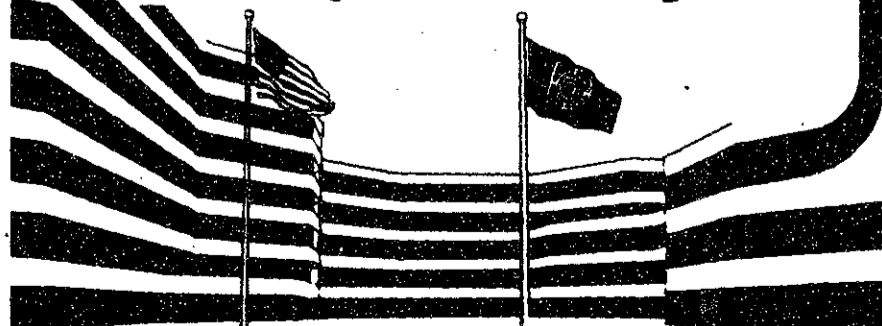
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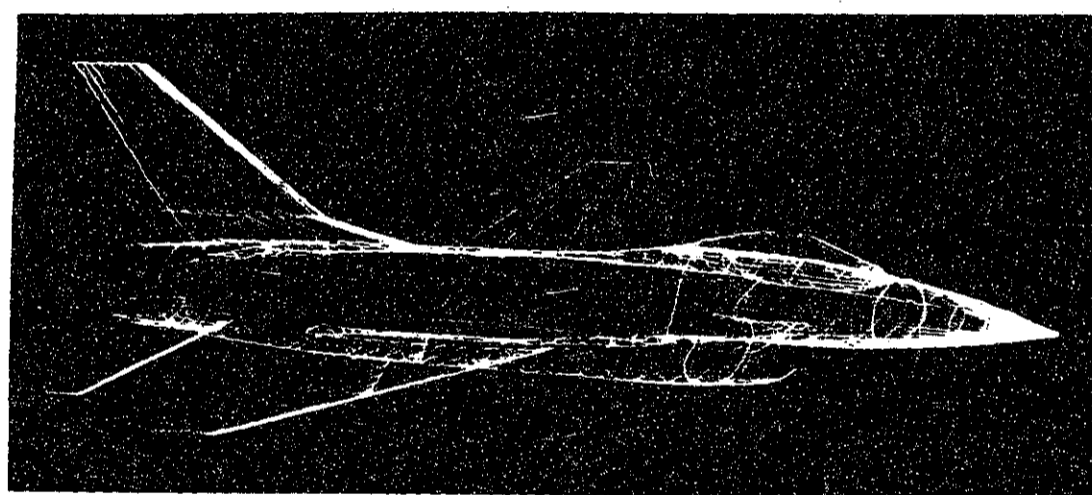
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Give control to Pentagon

To the Editor:

Mark Templer's column in last Friday's (October 1's) *Tech* addressed the theme that "the Pentagon has not spent our [defense] money wisely." Unfortunately, his column suffered from the inclusion of a couple of popular misconceptions.

The misconception implicit (but never actually stated) in his column is that the Pentagon makes the nation's defense spending decisions. This was true once, but is true no longer. As a result of various reforms over the last twenty years (designed, ironically, to improve the defense procurement process), the procurement arm of the Pentagon has been reduced to little more than a sales force. They outline for Congress various defense options, and Congress decides which ones to fund. It is no surprise that Congressmen (who are as gadget happy as the rest of us) often choose the most technologically advanced weapons system, which may not be the system which works best in practice. The Pentagon may not agree with the decisions of Congress, but it is forced to take what it can get.

It was not always thus. When the Pentagon was in charge of its own spending, it tended to make surprisingly good decisions. The B-52 bomber is a case in point. After twenty-five years and at least two attempts to replace it (the XB-70 and the B-1A), the B-52 is still the primary strategic bomber of the United States. Although the original specifications called for a 3,000 hour operating lifetime, every B-52 still in service has flown at least 9,000 hours, and many have flown 12,000 hours and more. The B-52 has been successfully adapted to low-level tactical bombing missions (in Vietnam), which are the polar opposite of the high-altitude strategic missions for which it was originally designed. So well has the B-52 performed that there is

currently a proposal before Congress to replace the engines of some of the newest B-52's ("only" ten to fifteen years old) so that their service lives can be extended still further. The B-52 bomber is a testimony to the Pentagon's ability to make wise spending decisions when it is allowed to do so.

The second misconception in Templer's column is that "large numbers of simple, inexpensive" weapons systems are necessarily better than smaller numbers of more costly but more advanced weapons. This idea is not always untrue, but neither is it always true. The choice between weapons systems must rely on the relative merits of the individual weapons, rather than on some preselected, inflexible doctrine.

This debate (about cost versus number of weapons) is nothing new. In a book written on the eve of World War II, Major Seversky of the Army Air Corps warned Americans not to squander our lead in aircraft technology by building lots of small, cheap fighter airplanes, but rather to build the best fighters we could, even if we couldn't build quite as many of them. Events just a few years later proved him correct.

The primary Japanese fighter of World War II, known as the Zero, was designed with respect to the "cheap and simple" strategy. It was simple, light, and inexpensive, and could outclimb, outdive, and outmaneuver every aircraft the US had at the start of the war. It achieved this remarkable performance by being both lightly armed and lightly armored. The American aircraft, while slower and heavier, were much better equipped. As both sides soon found out, an American F4U Corsair could often take hits from a Zero's guns without serious damage, while the Corsair's own guns could reduce a Zero to blazing wreckage almost instantly. Although American

aviators were often outnumbered in the Pacific, they almost always held their own. In one battle (which went down in history as the "Marianas Turkey Shoot") the Americans destroyed 315 Japanese aircraft while losing only 23 of their own planes. Major Seversky was right — the war was one by the side with the best aircraft, even though they weren't the cheapest.

By and large, the inhabitants of the Pentagon know their jobs. They are professional military men, and they are not stupid. Their duty is to provide the United States with the best fighting force on the Earth, and they themselves are probably the best authorities on how to do that. If Congress were to give them a fixed amount of money each year to allocate as they pleased, we would probably have the best fighting force on Earth available for that sum. The problem comes when politicians, who in general know comparatively little about military matters, get involved in the allocation process. Then the Pentagon has to stop making decisions and start currying favors. Congressmen are loath to allocate money for unglamorous things like maintenance, training, and spare parts, so these areas get neglected in favor of glamorous new high-tech weapons, which themselves need spare parts which are rarely provided. Congress should stop trying to interfere in the affairs of the armed services and let them go about their business of keeping the United States and her allies secure.

Stewart Cobb '83

Letter warns of hostile citizens

To the Editor:

The homosexual living in generally friendly Boston/Cambridge may become dangerously complacent. It is often the media that alerts us to the presence of hostile citizens. Thus *The Tech* is to be thanked for publishing in its September 28, Feedback section a letter from "Names withheld by request" complaining of an ad-

vertisement in the September 17 issue for the Hottest College Jock Contest.

Frankly, however, it read more like a case of sour grapes to me. And it's certainly worth noting that it's now the bigots, instead of the homosexuals, asking that their names not be published.

David C. Van Hoy

SCEP finds errors

To the Editor:

There were several inaccuracies in Jerri-Lynn Scofield's column "Frosh need pass/fail" (*The Tech*, Friday, September 24) that bear correction and classification. These statements deal directly with the published version of the Committee on Educational Policy's (CEP's) Recommendations on the Freshmen Year.

The need for better instructor/student/advisor communication has been well-established. According to a study conducted by the Undergraduate Academic Support Office, only a very small percentage of freshmen receive evaluation forms back at the end of spring term.

The current narrative forms are not being replaced; they are being augmented. The proposed check-off boxes are mandatory only at the end of fall term, and the use of the narrative mode of evaluation is actively encouraged through the first three evaluation periods. (However, the narrative

would be supplanted by an internal grade at the end of spring term, with a narrative required only for those students receiving internal D's or F's.)

Complete internal grades would be computed and reported for the *spring term only*. According to the proposal, even the optional grade slot that is now on the form would be eliminated. This procedure does not mean that students could not obtain a grade if it were computed only that there is no formal mechanism to do so.

We encourage all students to reread the proposal as published in September 22's *Tech Talk*. If anyone has questions or comments, please contact any CEP member. (If you don't know one, contact Steven Barber '84 at x5-6121.)

Steven Barber '84

Steve Isakowitz '83

James Taylor '84

Members, Committee on Educational Policy

Israel criticism misplaced

(Continued from page 4)

reports of Israeli duplicity. In his eager attempt to blame Israel for the massacre, he conveniently forgot that the Phalangists, not the Israelis, pulled the trigger. While the Israeli government might have behaved foolishly, Chomsky should stick to the truth, not wild innuendo, if he chooses to criticize Israel.

I find it regrettable that the same individuals who so vociferously attack Israel today, did not choose to speak out earlier

against the PLO slaughter of Lebanese Christians. Perhaps, if all of us had done so earlier, the Israelis would not have had to invade. Before we parcel out blame, let us look to ourselves.

Ruth Rotman '83

(Editor's note: The passage in question stated that the four panelists described the Israeli behavior as brutal. The *Tech* should not misrepresent what they said. If the panelists called the behavior brutal, it is our responsibility to report their words.)

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UA NEWS

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Homecoming is October 13-16! The Ice Cream Orgy is Wednesday night in Lobdell. For only 50¢, pig out on all the ice cream you want. Thursday night features the Junior/Senior Pub, pitchers \$1. On Friday, October 15, on Kresge Oval, a Friday Afternoon Club Pep Rally; followed by the Atlantics and the Lines playing their own peculiar brand of pop in duPont Gym that evening. Tickets are just \$1. Get psyched before the game on Saturday at the Deke Alley Rally. In addition, the Homecoming Semi-Formal will be held on Saturday evening, October 16. Following the Semi-Formal will be Midnight Madness parties at four houses to be announced. Tickets will cost \$5 per person. Tickets for Homecoming events may be purchased in Lobby 10.

We Even Have Musicians . . .

The Erdely Duo will perform works by Kodaly, Mozart, Weiner and Brahms this Friday in Kresge at 8:00 pm. The concert is free. Call 253-2906 for information.

And student government, too . . .

There will be a meeting of the UA Nominations Committee (Nomm-Comm) this Saturday at 1:00 pm in Room 400 of the Student Center. It will be a short meeting, but all members must attend, or they will be hunted down with bloodhounds.

Lots of Student Government!

The general assembly, the sole legitimate form of student government, will meet this Thursday, October 7, in room 10-250 (just like the faculty). We have lots of important business to take care of so all GA reps should be there. If you think you are a rep or you would like to be one, ask your house president. For more information, call x3-2696 or walk over to Room 401 of the Student Center.

But Seriously, Folks . . .

There will be a CPR course this weekend, the 9th and 10th of October. The sessions will be from 1:00 pm to 5:00 pm in Room 491 of the Student Center. Please pre-enroll by calling x3-3788.

The fine people who are trying to save lives are interested in running a course to certify CPR instructors. If you are interested in becoming an instructor, please call x3-3788 or write to:

CPR Instructors Course
c/o Alpha Phi Omega
W20-415

Dull week, eh?

If any of you hosers would like to submit anything to the UA News, call x3-2696 or send the item to W20-401. We've had some real beauty issues this year, but we can't do it without you hoseheads, eh?

sports



The Mexican-American intramural football team, *The Mexican Express*, in action this weekend.

Tech photo by Omar Valerio

Soccer victorious

(Continued from page 12) in, tying up the game at that point. However, even with constant effort, the Engineers' offense could not generate any more points, and the score remained tied up at 1-1 at the end of regulation.

The game was then sent into a ten-minute overtime period. Both teams failed to score, with Bates unable to manage a single shot on goal. In the second ten-minute overtime period, MIT's defense remained impregnable, completely shutting out Bates' offense. With 4:24 remaining, the Engineers went all out for one big push on Bates' goal. Fullback Busa passed the ball to Malcolm Duke '83, who slipped by the de-

fense and scored the winning goal for MIT.

Commenting on the team's second victory of the season, Coach Walter Alessi said, "In the first half, we didn't play that well. But I guess we woke up in the second half and played better soccer. Our defense was good, even though we didn't capitalize on some good scoring opportunities. If we had, I think we could have won during regulation time."

Defeating Bates was not easy, and MIT's next opponent may even be tougher. The Engineers will face Brandeis, nationally rated the number one Division III college in soccer, today at home in Steinbrenner Stadium. The game starts at 3:00 pm.

sports update

Baseball — After eight straight wins, the team's record drops to 8-2 with a pair of losses, Friday 8-3 to Bentley and Saturday 4-2 to Brandeis.

Men's Crew — At the annual Textile River Regatta in Lowell Sunday, the eight-man varsity squad finished second, 1.4 seconds behind Boston University.

In the four-man event, however, MIT did not fare as well, coming in fourth behind Coast Guard's "A" and "B" boats and Holy Cross.

Men's Cross Country — Another close loss, this time 26-29 to Lowell Saturday dropped the men's record to 1-3 on the year.

Women's Cross Country — With their finest showing in two years of varsity competition, the women defeated all five of the other teams participating in a meet held at Franklin Park Saturday. The scores were MIT 71, Lowell 78, Tufts 80, Brandeis and Keane State 96, and Coast Guard 105. The top finisher for the Engineers was Sarah de Leon '85, who finished fourth overall with a time of 19:32.

Field Hockey — A 6-0 loss at Clark Saturday dropped the team's record to 3-2 on the year.

Men's Sailing — Competing in the Danmark Trophy at the Coast Guard Academy Sunday, the men's team finished ninth in the seventeen-team field, beating Yale, Brown, and Dartmouth, among others. Leading the way was captain Bruce Klein '83, who finished sixth in the "A" division.

Women's Sailing — Sunday, MIT hosted the New England Intercollegiate Single-handed Championships in which team co-cap-

tain Michelle Bagdis '84 finished fifteenth out of thirty-seven.

Women's Tennis — The women defeated Emmanuel Sunday 6-1, winning their second match in a row.

Saturday, the team competed in the Greater Boston Tournament and finished seventh in the seven-team field.

Women's Volleyball — A 3-2 win

over Eastern Nazarene Saturday upped the team's record to 10-1, a record equal to that of last year's team at this point in the season.

Water Polo — MIT defeated Army 14-11 in the MIT Invitational, raising their record to 5-2. The tournament schedule was abbreviated when RPI dropped out of the competition.

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on deck

Sports this week Today

Men's Soccer vs. Brandeis, 3pm
Women's Tennis vs. Clark, 3:30pm

Tomorrow

Baseball vs. Brandeis, 3pm
Field Hockey vs. Franklin Pierce, 3:30pm
Women's Tennis vs. Wellesley, 3:30pm

Thursday

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

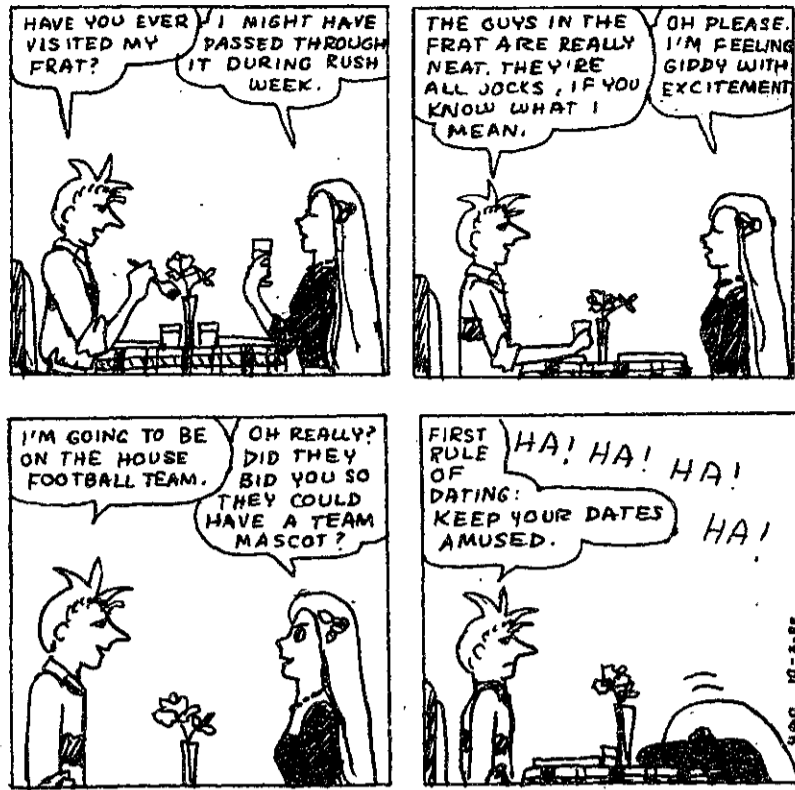
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Campus Interview Date
October 15, 1982

sports

Men's soccer downs Bates in overtime 2-1

By Arthur Lee

Under clear blue skies and beautiful field conditions, the men's soccer team defeated Bates in double overtime by a score of 2-1 at Steinbrenner Stadium last Saturday, as the Engineers upped their record to 2-3.

In the first half, Bates dominated the MIT backfield, putting some heavy pressure on the defense. Outshot 11-5, the MIT defense finally broke down, allowing one goal. But they managed to keep the score to a 1-0 deficit at halftime.

With the start of the second

half, MIT came back out alive and kicking. The Engineers out-shot Bates 5-2. With co-captain John Busa '83, three time Greater Boston League All-Star, back as the sweeper on defense, the Engineers completely shut down any genuine offensive threats from Bates.

With a strong defense behind them, the MIT offense quickly went to work. At 10:23 of the second half, halfback Guillermo Abadia '83 set up a shot for teammate and co-captain, John English '83. The ball went sailing

(Please turn to page 10)

Football club loses 42-3 to Worcester State Lancers

By Martin Dickau

The football club went to Worcester State Saturday to face a team ranked number two in the nation and was completely dominated, losing 42-3. The Engineers' record is now even at 2-2.

Entering the game second in the league in defense, MIT was unable to contain the much larger Lancers and gave up three unanswered touchdowns before line-backer Jon Opalski '84 intercepted a Sean Mahoney pass to set up a thirty-two-yard field goal by Tom Hastings G in the second quarter, making the score 21-3.

Worcester State scored one more touchdown in the half and two more in the fourth quarter to complete the rout. In all, the Lancers compiled 413 yards while limiting their visitors to 89.

Offensively, the star of the game for the Engineers was John DeRubeis '83, who had three receptions for forty-nine yards and six kickoff returns for a total of 127 yards including a forty-seven-yard return late in the game.

Last year Worcester State won the conference title with an 8-0 record, outscoring opposition 277-86. So far this year, the Lancers are 3-0 and have outscored their opponents 118-23.

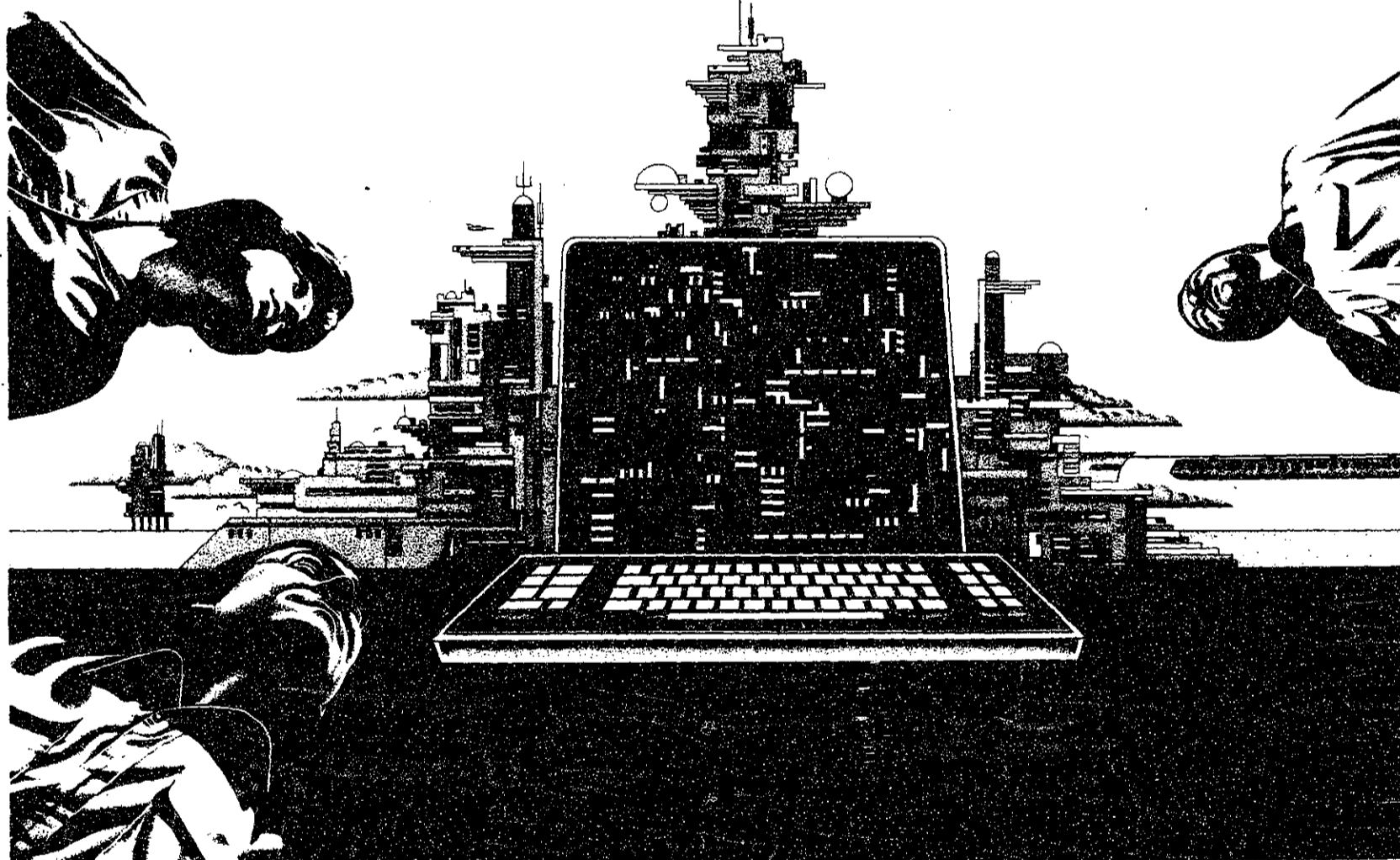
In spite of the setback, the Engineers are looking forward to the homecoming game a week from Saturday against Bentley College, a game which MIT

stands a very good chance of winning. That game will take place in Steinbrenner Stadium and is scheduled to begin at 1:30pm.



Intramural Mooting Division Championships were held this weekend. Be sure to catch the exciting play-offs sometime next weekend. Tech file photo

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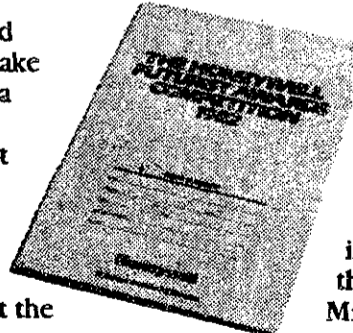
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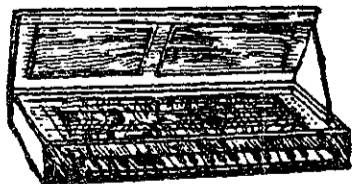


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