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in
the
news

WEATHER

Cloudy this morning with a good chance of some light rain. Highs today hovering near 70. Clearing tonight with an east wind dropping temperatures to near 55. Fair and cool Saturday with variable winds and a high in the middle 60's. Lows Saturday night will be in the mid to upper 50's. Mostly fair Sunday, but watch out for some noontime showers. Chance of rain 60% today, 30% tonight, 10% Saturday, and 30% Sunday.

EXCERPTS

Looking through the letters, I find that *Politicks* is inviting me to "be part of the new era of citizen action," while *New Times* is telling me to "get ready for the 1980's." *Horizon* is telling me, in a friendly letter, that had their magazine's sage advice existed ten years ago, I would have made millions by buying some 1961 Chateau Lafite-Rothschild, or invested in the show, "A Chorus Line." Of course, now that their journal is in operation, all is not lost!

Time tells me about their brash, irreverent reporting, *Newsweek* informs me that their reporting is hard-hitting and informative. *New Times* says their reporting digs the deepest. *Mother Jones* counters that their reporting goes even further under the surface (to China, I imagine). Everyone tells me I'm out of step with the world culture, music, love, sex, politics, literature, movies, and ideas. The only way to catch up is to subscribe, subscribe, subscribe!

— Steve A. Marquez
The Daily Pennsylvanian

A professor who teaches Chinese law once remarked, only half-jokingly, that the best American analog to a Maoist thought reform camp was the first year of law school. In both institutions there is a systematic effort to emphasize the worthlessness of what one had been while holding out the hope of becoming, whether a new socialist citizen or a person who can "think like a lawyer." The most formerly confident can be reduced to quivering self-doubters within weeks; indeed, the vaunted arrogance of lawyers, and of law professors, masks what is surely one of the most fragile sets of collective egos within American life. All American law schools warp their students; personalities to some degree, though not, one hopes, to the same extent as Harvard.

— Sanford Levinson
The Daily Princetonian

Dean Halfman to decline DSA

By Jordana Hollander
and Bob Wasserman

Robert L. Halfman '44, acting Dean for Student Affairs, said that he does not "want to continue as Dean for Student Affairs after the interim period."

On his reluctance to remain Dean for Student Affairs Halfman added, "I've been trying to get out of administration" and Halfman asserted he would prefer to stay in counseling. Halfman is currently spending part of his time in the counseling section of the Dean for Student Affairs Office and remains chairman of the Experimental Studies Group while serving as interim dean.

Halfman, who has also served as deputy head of the MIT Department of Aeronautics and Astronautics, could not predict who would be chosen Dean for Student Affairs after the six-month review process is over. On the new dean's responsibilities, however, Halfman commented that "It would be nice if he or she had experience in both counseling and administration."

Halfman added that he will "keep the DSA running with least disruption during the review" but that he planned to "keep moving

along." The Dean's Office is currently being reviewed by the administration in the wake of the resignation of three senior members.

Halfman is temporarily filling the vacancy left by Carola Eisenberg's move to Harvard Medical School. Eisenberg's faculty committee positions have been split between Halfman and Institute Vice President Constantine Simonides. Simonides is also sharing Eisenberg's responsibilities on the Academic Council with Halfman.

According to Halfman this division of duties was not a result of any reluctance on his part to take them but that "Simonides wanted to get involved with the DSA so as to understand its problems." Simonides also wanted to talk more with students, added Halfman.

At present, there are no male staff members left in the counseling department after Dean Jim Bishop's resignation. The DSA is in the process of looking for a young man to start as an assistant to the Dean for counseling, Halfman said.

At this time Bishop's position is being temporarily filled by Peg



Acting Dean for Student Affairs Robert L. Halfman will decline an offer to remain as DSA, so that he can return to counseling. (Photo by Calvin Campbell, courtesy of the MIT News Office.)

Norris, who used to work for Halfman in ESG. Halfman said that he "wished we had a little more balanced arrangement" in the counseling department.

"Most people don't understand

the structure of the DSA" Halfman said. He concluded that the "review will be good publicity for the DSA office" and would help focus attention on its problems.

American professionals abroad aid CIA

By Elaine Douglass

According to Director Stansfield Turner, the CIA depends heavily on Americans who travel abroad professionally as sources of information about foreign countries. This includes university professors and researchers.

Turner discussed the use of university and other professionals in a May 1978 letter to the President of Harvard University, Derek C. Bok. Harvard made the letter public in July.

In addition to expanding the CIA's eyes and ears, the use of professionals to gather intelligence abroad eliminates the problem for the CIA of developing credible disguises, or "cover," for regular CIA agents. Moreover, scientists can gain access, often penetrating access, in countries where other categories of visitors are restricted in travel, or barred altogether.

The Tech recently discussed these issues with Associate Professor of Earth Sciences Peter Molnar. Molnar, who is currently supervising field work in Afghanistan, indicated he would not cooperate in any CIA intelligence gathering. He agreed, however, that consideration of his field work could serve as a hypothetical example of how scientists might be useful to the CIA.

Molnar heads a project that collects seismological data in Afghanistan, and he and members of his research group have been stationed in areas of that country close to the Soviet Union.

A reputedly left-wing coup in Afghanistan in April has generated fears among some US government officials that Afghanistan might come under the sway of the USSR, and has heightened US interest in Afghanistan.

Members of Molnar's group have enjoyed relatively free access to Afghanistan, which they ar-

ranged in part through French scientists.

In response to a question, Molnar commented that he could imagine his project as an example of one that could be used for CIA intelligence gathering, but he said it would be less than ideal for that purpose because the MIT scientific project is likely to be viewed with some suspicion by Afghan officials. "Since we are seismologists, the Afghan government may think we are recording Russian underground nuclear tests," Molnar said, "and for intelligence gathering it would be better for the CIA to rely on people who are a little less obvious than we are."

Molnar stated that members of his expedition might be in a position to gather intelligence. In response to various hypothetical

intelligence missions posed by *The Tech*, Molnar agreed that the MIT scientists might be able to gauge the degree of support for the new government in the countryside. Scientists might, for example, be able to discover if the local people were armed, and whether they would be receptive to offers of arms from outside the country which they might use to oppose the new government or harass it in outlying provinces.

Molnar said that he has never been approached by the CIA in connection with the Afghan field work. He once was approached, however, in connection with a visit to MIT by Soviet scientists.

"After I received visits from S. A. Fedotov and P. I. Tokarev of the Institute of Vulcanology in Petropavlovsk in January 1977, a guy from the CIA called me."

Quillen wins Fields Award

By Michael Taviss

On August 15 of this year, Dr. Daniel G. Quillen, Professor of Mathematics at MIT, was awarded the prestigious Fields Medal for outstanding accomplishments in mathematics.

The Fields Medal is awarded every four years at the International Congress of Mathematics to those mathematicians under the age of 40 who have done what is considered to be superlative work in some branch of mathematics over the previous four years. The award, which consists of a gold medal and a cash prize of \$1500 in Canadian funds, was established in 1932 by a bequest from Canadian mathematician John Charles Fields. It is the equivalent of a Nobel prize in Mathematics.

This year the award was presented in Helsinki, Finland, where the Congress was held. "There were four medals awarded," Professor Quillen said. "The Russian was not allowed to leave his country to come and pick his up, but the rest of us were

there. It's quite an honor to receive this medal.

"This was my last chance at it." Quillen joked. As he is 38 years old, he will be too old to receive the Medal at the next Congress in four years.

Quillen described the medal as being, "like the Olympic medals, about two inches in diameter, gold, inscribed with the head of Archimedes."

Dr. Quillen received the award for his work in the area known as algebraic K-theory, and his proofs of what are called the Adams and Serre conjectures. Algebraic K-theory is a new research area that uses the techniques of geometry and topology to solve problems in algebra.

Another mathematician at MIT called Quillen's proof of the Adams conjecture a "beautiful proof" done "in a way that astounded everyone." Professor Kenneth M. Hoffman, head of the MIT mathematics department, calls Quillen's proof of the Serre conjecture "ingenious and surprisingly short."

"I met with him as a scientific experiment," Molnar said. "I wanted to see what a CIA agent would say. The agent wanted to know if the Russians had said anything about an electric generator in the Garm region of Tadjikistan."

"I was somewhat relieved," Molnar continued, "that I knew nothing about the generator, and I did not have to compromise myself either by concealing information, or by serving as a spy."

Molnar said he discussed his contact with the CIA with a senior colleague well informed on China. The colleague was dismayed, Molnar recalled, and asked Molnar, "Don't you know that if you are debriefed by the CIA you'll never get permission from the Chinese government to do work in China?"

Quillen admits that, "a problem with mathematics is describing math in everyday terms. Go to a journal like *Scientific American* and you still find that mathematics articles are few and far between. Those that do appear are usually about applications, or solutions to famous problems, or historical in nature. It's one of my long term projects to try and explain... mathematics to the scientific community."

Professor Quillen also teaches three classes a year. This term he is teaching 18.03 and next term he will be teaching the 18.075 lecture and probably a recitation. "I've always enjoyed teaching calculus," he said. "It's basically fun to learn, I think, and it's a lot of fun to teach."

Professor Quillen joined the MIT community in 1964, and became a professor of mathematics in 1971. He spent 1968-69 and 1973-74 studying in Paris, and was a member of the Institute for Advanced Study at Princeton in 1969-70.

arts happenings

AROUND MIT

Minuetta Kessler presents a program of music with Marylor Speaker, violin; William Wrzesien, clarinet; George Seaman, cello; and Patricia Morehead, oboe. The program will take place on Sept. 24, 8pm at Jordan Hall, 30 Gainsboro St., Boston. Admission is free to members of the MIT community, tickets available at the UA office.

AT THE MOVIES

This weekend's LSC lineup:

Looking for Mr. Goodbar (Fri.) 7 & 10pm, Kresge.
Kind Hearts and Coronets The LSC Classic Film, Fri., 7:30pm, 10-250
Blazing Saddles (Sat.) 7 & 9:30pm, Kresge.

Bananas (Sun.) 6:30 & 9pm, 10-250.

The Cocoanuts The MidNite Movie, Sat., Sept. 23, second floor of the Student Center.

IN TOWN

Kinetic Light Sculptures, an exhibition of slowly changing colored lights in plexiglas forms, is on display at the Peabody Gallery of the Museum of Science. The artist, Claudio Marzollo, will be present to talk to visitors Saturday, Sept. 23, from 1 to 4pm; Gallery hours are: Mon.-Thurs., 2-5pm; Fri., 2 to 10pm; Sat., 10am to 5pm; and Sun., 11am to 5pm.

Ray Charles with the Raelettes and the Ray Charles Orchestra at Symphony Hall, Sat. Sept. 23, 7:30pm, tickets \$12.50 & \$10.50.

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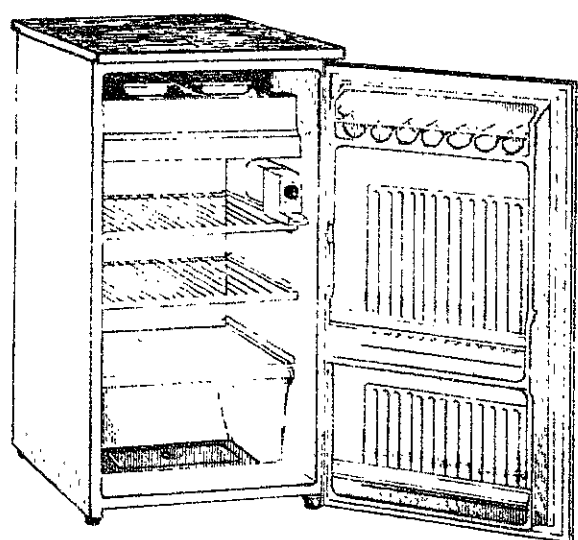
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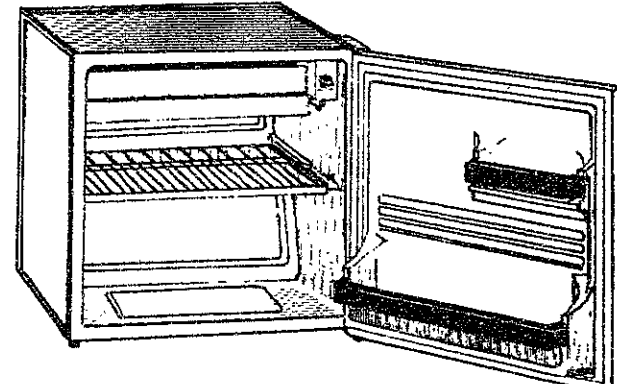
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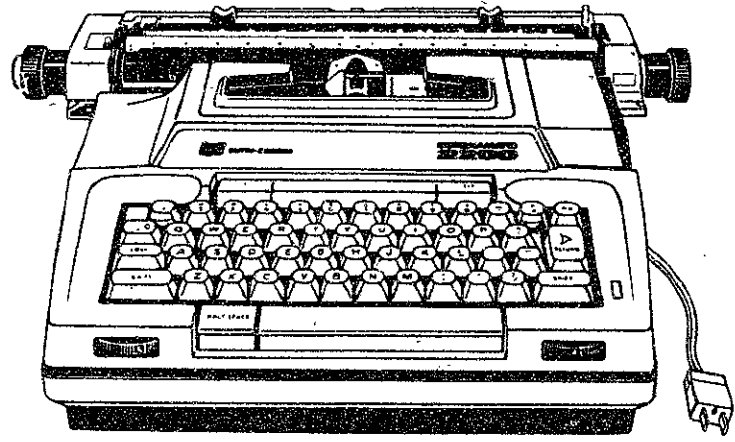
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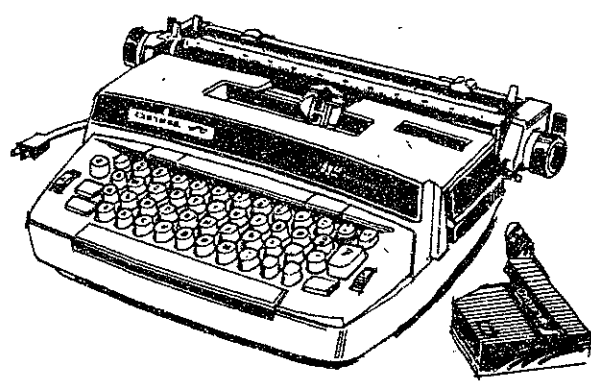
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news roundup

World

Carter prods Hussein — President Jimmy Carter has told Jordan's King Hussein, through Secretary of State Cyrus Vance, that Jordan has more to gain by joining the West Bank peace talks than by remaining independent of them. The argument is that Jordan is running the risk of having nearby land taken by Palestinians who might then wish to expand eastward into Jordan.

National

Carter knew of Vesco aid — The White House has admitted that President Carter knew 19 months ago of a plan by a Georgia lawyer to persuade Carter aides to help fugitive financier Robert Vesco. Deputy press secretary Rex Granum, however, says Carter does not remember being informed of the matter.

Local

MBTA wants to hike budget — The Massachusetts Bay Transportation Authority board of directors yesterday approved a \$280 million budget for 1979, a 6.3% increase over the 1978 budget. The new budget must be approved by the state secretary of transportation and the MBTA advisory board to take effect.

King unseats Dukakis — Governor Michael Dukakis has so far declined to endorse conservative Edward J. King, who unseated him in his primary bid for renomination.

—By Lenny Martin

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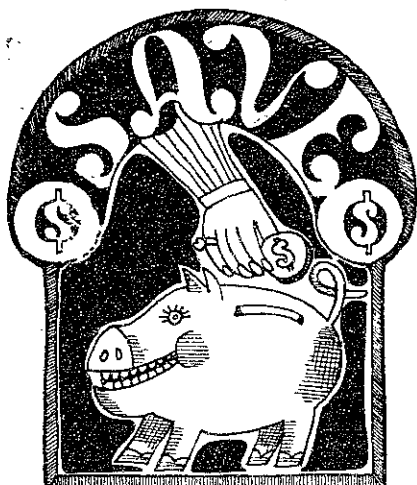
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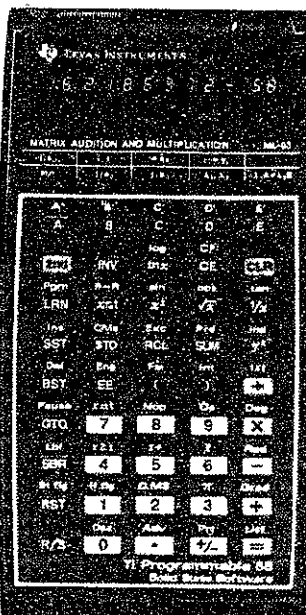
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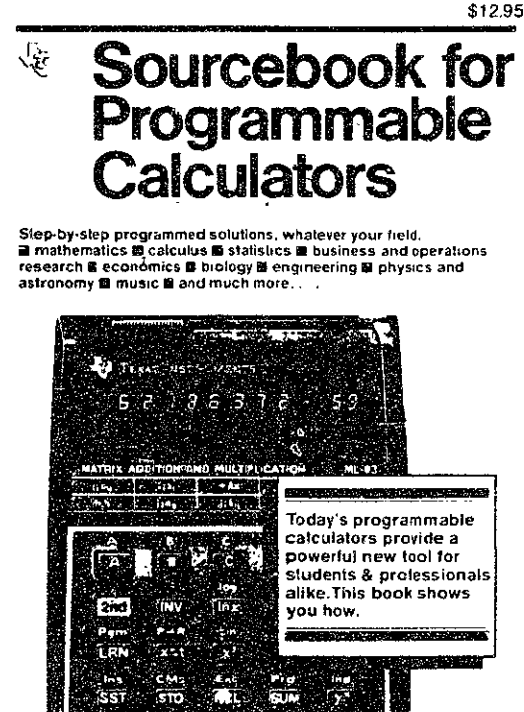
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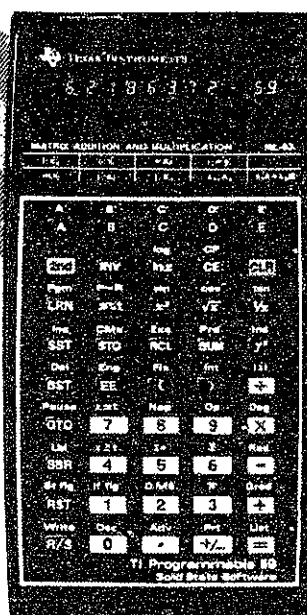
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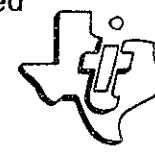
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TEXAS INSTRUMENTS INCORPORATED

opinion

Simonides charges into DSA dilemma

By Bob Wasserman

The Office of the Dean for Student Affairs has seen three of its senior members leave MIT in the last six months, and at present only one of these people has been replaced. And rather than replace the other two of the deans quickly, the MIT administration has ordered a lengthy review of the entire DSA office.

Last spring Associate Dean Ken Browning '66 left the DSA office to accept a similar position at Grinnell College in Iowa. Browning was succeeded by Robert Sherwood, who took over in July just before he had to assume the harrowing housing responsibilities of R/O week. The selection of Sherwood was handled carefully, including the necessary input and time of consideration.

The departures of Dean Carola Eisenberg and Jim Bishop were followed by only temporary arrangements. Bishop's spot in the counseling department was filled by Peg Norris this fall, and Associate Dean Robert Halfman was named to act as interim Dean for Student Affairs by Chancellor Paul Gray. Carola Eisenberg's resignation late last month was abrupt and rather sad, but there was a sentiment on her part that she "didn't want to be a lame duck" by sending in her resignation earlier.

The review itself sprang out of a memo sent by Gray to the DSA office, and it is expected to examine the responsibilities, relations, and services of the DSA office and finally to choose a successor to Eisenberg. Gray chose this "propitious moment" to review the DSA because a similar review had not been done for twenty years. Gray also delegated his responsibility for the review to Constantine Simonides, Vice President in the Office of the President and Chancellor.

Simonides will do the review as a "special assignment" for Gray, and it seems many of his past jobs have been similar special assignments, including a review of the MIT Press and News Office. Simonides is an old hand at MIT student administration, and in 1970 he was involved, along with Jerome Wiesner and Gray, in the takeover of the MIT President Howard Johnson's office.

Simonides has evolved from a compromising anti-student position in the takeover, to become a strong sympathizer with student's needs. He has been an energetic freshman advisor for a number of years, leading the group this year with seven advisees in the class of 1982.

Simonides has attacked the DSA review energetically so far, holding a series of dinners at his home with over forty undergraduates and graduate students. The Vice President has also urged student groups and individual students to send in their views on a re-organization of the DSA office to him. At present he is planning to visit several living groups at MIT and is "open to invitations."

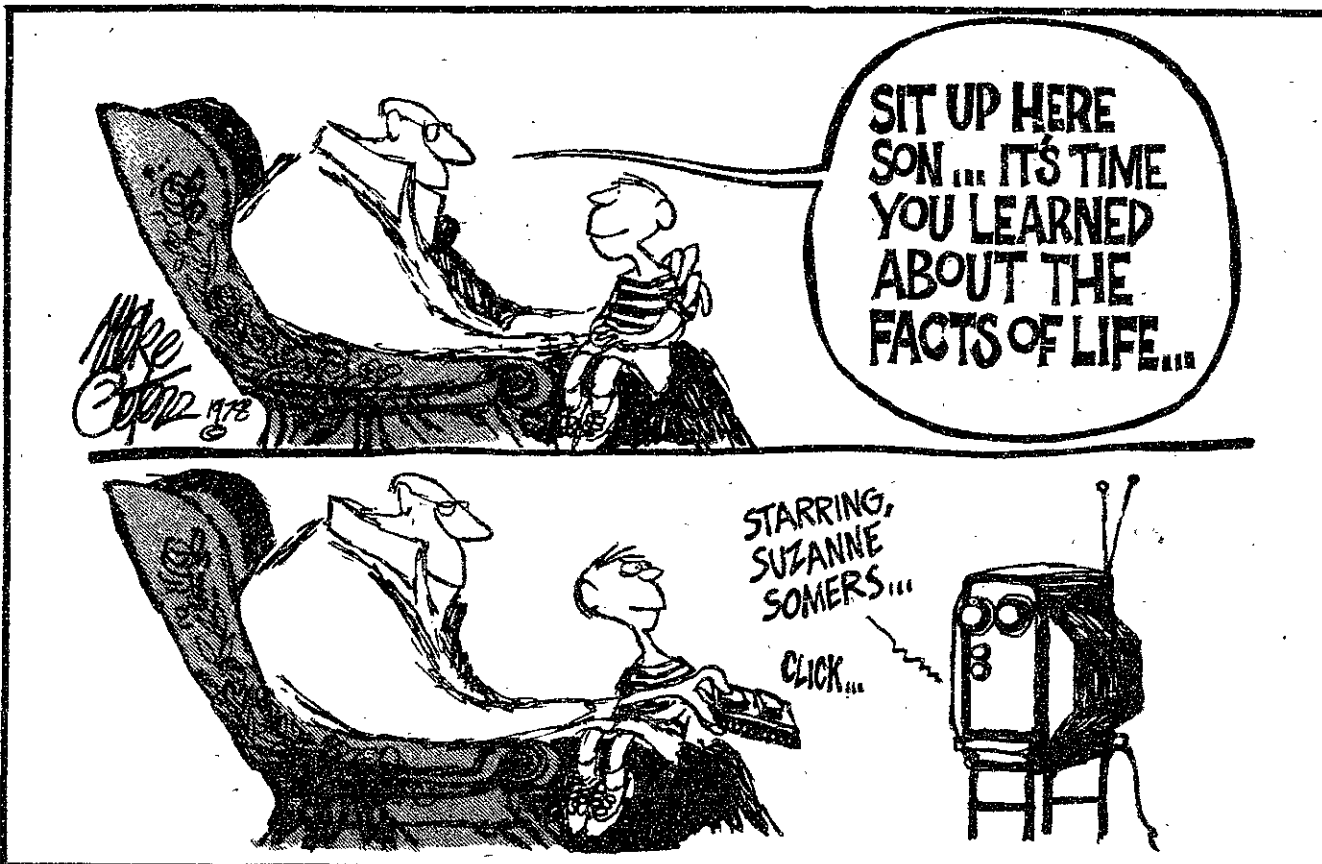
The review, scheduled to last four to six months, has several important problems to address. Administratively, student services and programs are in a mess. There is obvious overlap and in-fighting between the Student Accounts office and the Financial Aid office, and also between the Housing Office and the Office of Residence, which is run by Dean Sherwood out of the DSA office. The Dining service, which is also under review at the moment, is run out of the Vice President's office, not the DSA office, creating another administrative and co-operative problem. And where does a troubled student go, to the Psychiatric office or the Counseling section of the DSA?

The interim arrangement of the DSA also faces several problems. The DSA will be seriously understaffed this year until the vacant positions are filled in next spring. The counseling section has hired a temporary replacement, but this department, which had two full-time male staffers last year, now only has one half of one; part-time work by Halfman. Some of the responsibilities of the Dean for Student Affairs, like serving on committees, have been taken on by Simonides, others by Halfman, but this re-arrangement is no substitute for a full-time Dean.

Constantine Simonides has displayed the proper attitude so far in the DSA review, diving into meetings with the DSA office and receiving hours of student input. At present, however, the DSA is functioning with a "thinner layer of participation," according to Simonides.

It is too easy for MIT to cut the staff of the DSA now that the office has begun to function with fewer members than before. To achieve a successful and worthwhile review, however, MIT must fill both vacant positions at the DSA and continue to receive student views on the review.

something else



Mourning for Gov. Mike

By Joel West

The election is over, and, as Howard Jarvis predicted, the taxpayers are revolting. Edward J. King, former Massport director who fancies himself the Howard Jarvis of "Taxachusetts," defeated Michael Dukakis in his bid for a second term as governor in this week's Democratic primary.

To a large extent King's success is attributable to the tax issue: Proposition 13 and a broken promise by Dukakis from the previous election. King had other issues, too: his opposition to gun control, abortion, the 18-year-old-drinking age, and his support for capital punishment were predictable conservative stances. But it is hard to believe that his success was entirely due to issues. "Dump the Duke" emerged when Dukakis raised taxes after a well-advertised promise not to raise taxes, long before King declared his candidacy. King was merely in the right place at the right time — many voted *against* Dukakis, not *for* King.

The worst problem of all, however, was complacency. Did Dukakis or his staff ever take King seriously? How many full-page ads or TV spots did you see extolling the virtues of the gover-

nor? In short, with all the power and prestige of incumbency behind him, Dukakis blew it.

Paradoxically, the Democrats nominated Paul Tsongas for Senator over another card-carrying liberal, Paul Guzzi. Tsongas, US Representative from Lowell, is intelligent, diligent and young. Tsongas benefited from non-residence in Boston while at the same time he possessed a strong record of support for

loss of some conservative "Southie" Democrats who crossed over to vote for Nelson, they were distributing stickers with O'Neil's name on it. If 1000 of these people vote on Republican ballots under "Suffolk County Sheriff," O'Neil, a self-proclaimed "Veteran Democrat," will have the Republican nomination and will face Kearney again in November.

Indirectly, Louise Day Hicks was a winner Tuesday. Hicks, who earned national prominence by her rabid opposition to busing, was denied re-election to the Boston City Council in her last election, placing 10th in the race for 9 at-large positions. Boston City Councilor James Michael Connolly won nomination to the post of Suffolk County Register of Probate, and will give up his seat on the council. By doing so, the runner-up in the last election (in this case Hicks) can take his place on the council.

Hicks notwithstanding, the most troubling aspect of Tuesday's election was the defeat of Dukakis. Dukakis was not a great governor, but he was a good one. He rode the "T" home from work every day complete with briefcase and five o'clock shadow. He went trudging through snow drifts during the Blizzard, and he vetoed the legislature's anti-abortion efforts. Massachusetts could, and probably will, do far worse.

perspectives

urban areas.

Tsongas will be facing two-term Senator Edward Brooke, a Republican moderate who survived a challenge by notorious talk-show host Avi Nelson. Nelson, who based his hopes on "crossovers" from South Boston Democrats, was defeated by Brooke's crossovers in the black community, and a high turnout by a party that has traditionally been kind to Brooke.

In a related cross-party battle, reformer Dennis Kearney apparently won re-election as Suffolk County sheriff, defeating Boston City Councilor "Dapper" O'Neil for the Democratic nomination. Though there was no Republican candidate on the ballot, some of King's supporters had other ideas. Faced with the



The Tech

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NEWS DEPARTMENT

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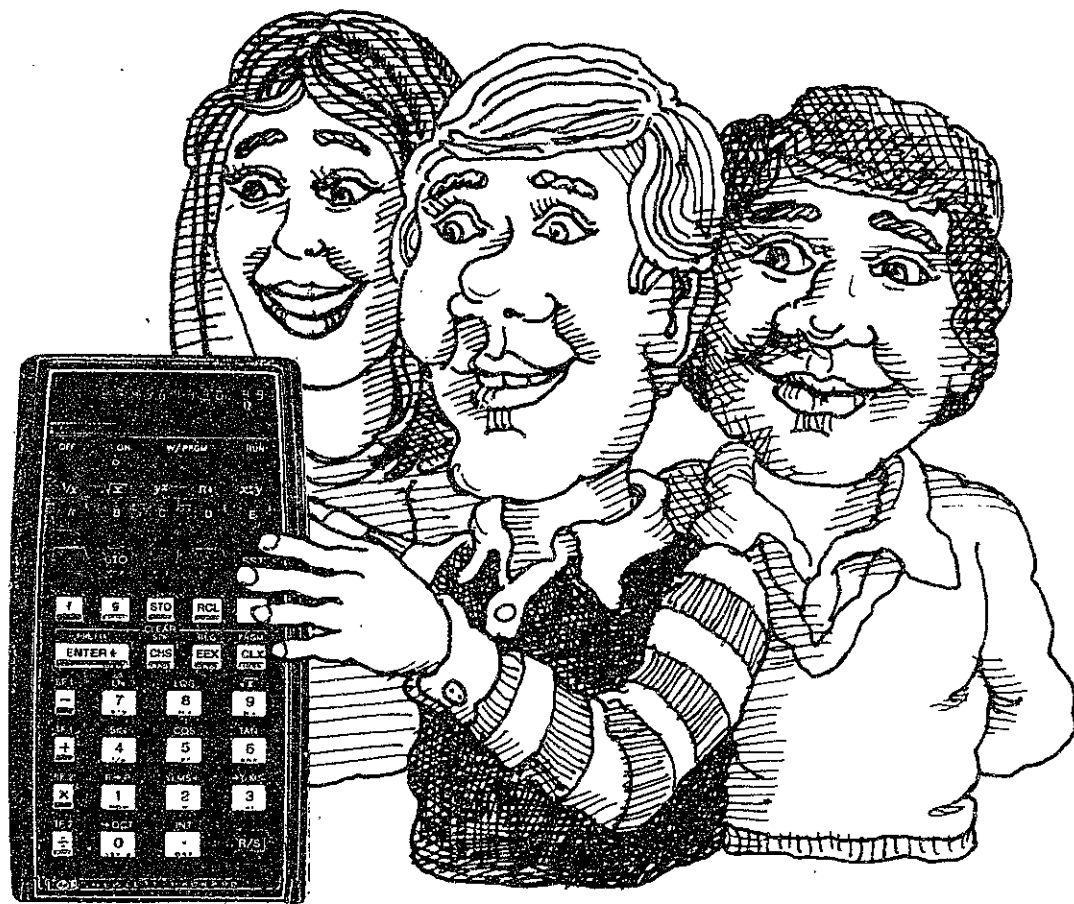
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Mountaineering #2.

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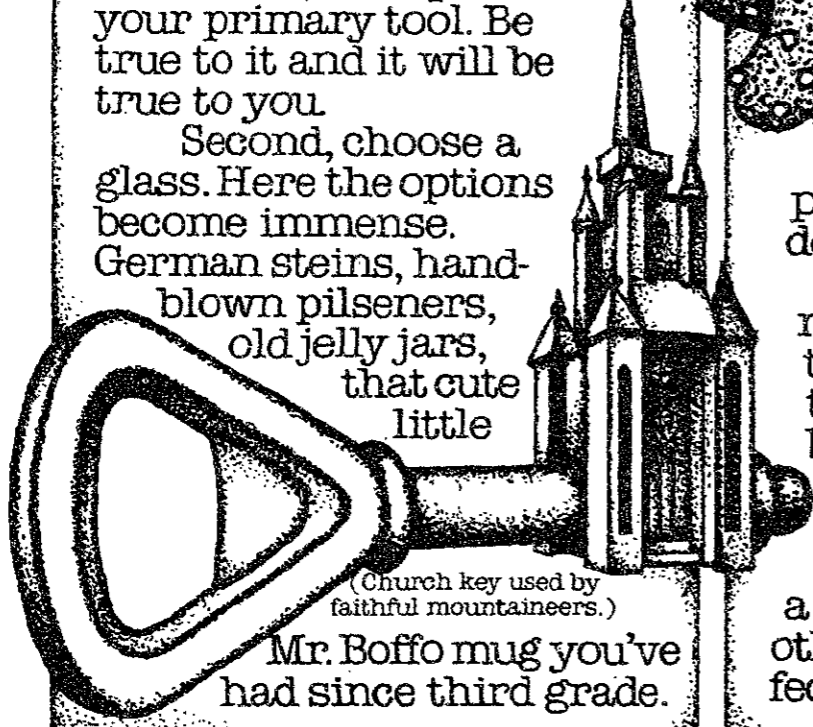


The Busch® label is where it all begins. Note the snowy, craggy peaks affixed thereto. They are the mountains.

You are the mountaineer. And this is an ad. The subject of which is selecting the proper gear for mountaineering. (It all fits together so nicely, doesn't it?)

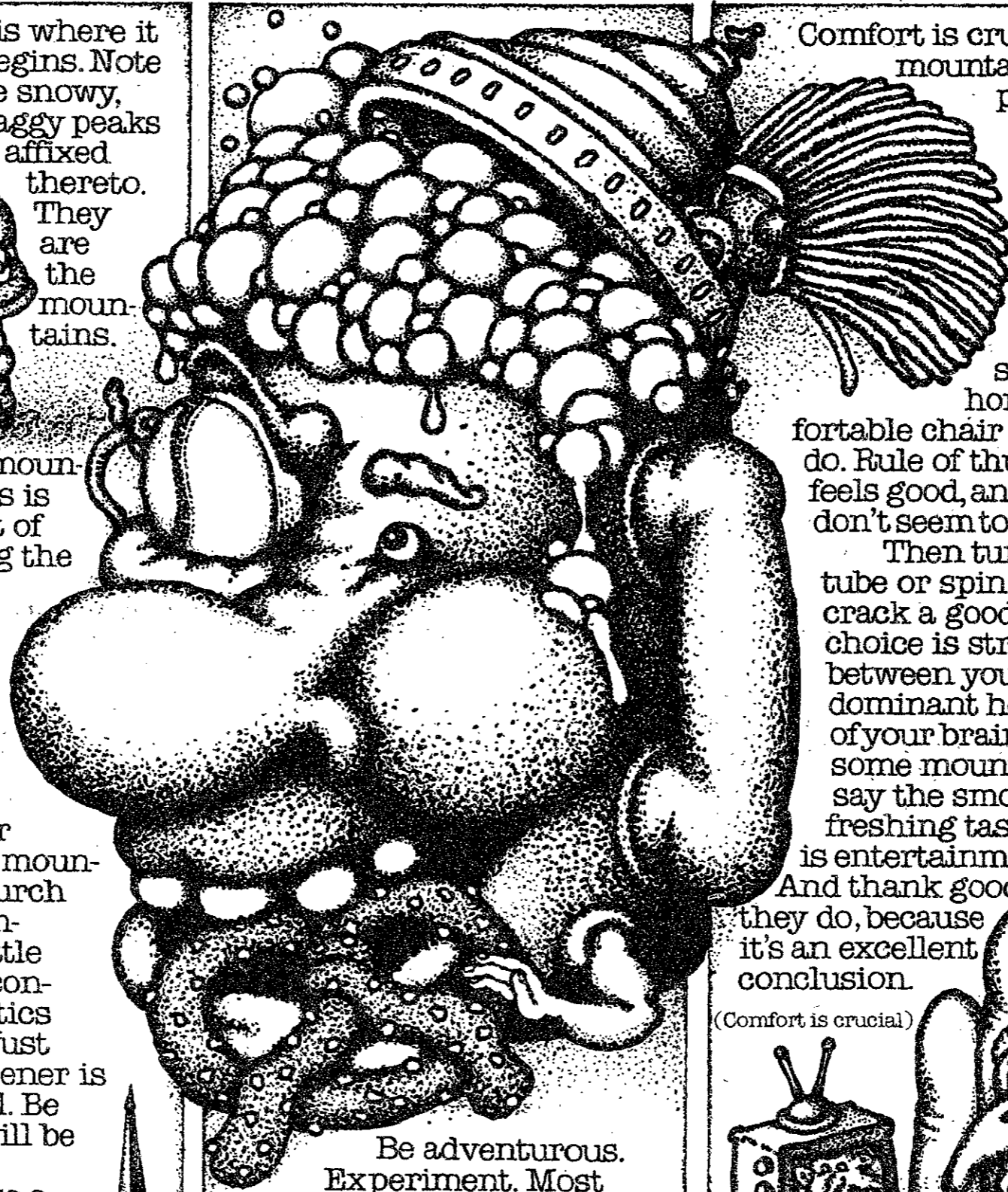
First and foremost, you'll need to pop the mountain top. For this task, faithful mountaineers use a church key. Secular mountaineers use a bottle opener. Don't be confused by these antics with semantics. Just remember, the opener is your primary tool. Be true to it and it will be true to you.

Second, choose a glass. Here the options become immense. German steins, hand-blown pilseners, old jelly jars, that cute little



(Church key used by faithful mountaineers.)

Mr. Boffo mug you've had since third grade.



Be adventurous. Experiment. Most mountaineers have a personal preference. You'll develop one too.

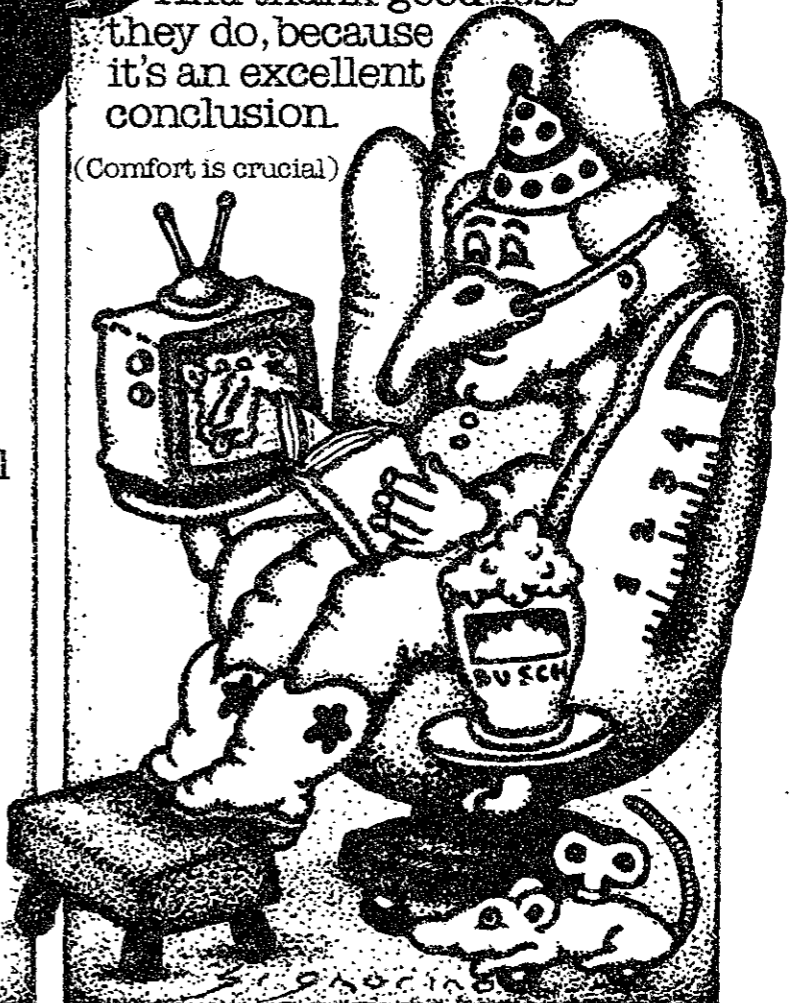
Food is next. Proper mountaineering, not to mention proper nutrition, requires a smorgasbord selection of snacks. Some mountaineers have suffered from a potato chip deficiency, a pretzel imbalance or other serious dietary defects. Plan ahead.

Comfort is crucial. If you mountaineer in public, pick a padded bar stool, preferably one that spins (to facilitate admiring the scenery). At home, a comfortable chair or sofa will do. Rule of thumb: if it feels good, and the police don't seem to mind, do it.

Then turn on the tube or spin a tune or crack a good book. The choice is strictly between you and the dominant hemisphere of your brain. Of course, some mountaineers say the smooth, refreshing taste of Busch is entertainment enough.

And thank goodness they do, because it's an excellent conclusion.

(Comfort is crucial)



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sports cont.

Sailors blow into new season

By Leonard Dolbert

Editor's note: Leonard Dolbert '79 is a member of the sailing team.

The MIT Sailing Teams have started the fall racing season with good finishes in dinghy (small boat) events. On September 9 and 10 MIT finished fourth in a field of twelve in the Harry Anderson Inter-District Regatta at Yale.

The team did not fare as well at the New England Shields Championship Eliminations, failing to qualify for the finals.

This last weekend saw impressive showings by both the men's and women's teams. The men won the Admiral Hap Moore Trophy hosted by Coast Guard. The women's team raced in the

Women's New England Single handed Championships hosted by MIT, qualifying three out of four entrants for the finals. Due to wind conditions on Sunday, only one race of the finals was held. The regatta will be continued on October 8.

On September 17, the freshmen finished fifth at BU.

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616/71

sports

Booters swamp Crimson tide

By Bob Host

In a major upset, the soccer team opened its season by defeating Harvard Wednesday, 3-1, before one of the largest and most vocal MIT soccer crowds in recent history.

The main factor in the MIT attack was sophomore Jay Walsh, who participated in all three MIT scores. In addition to an open-net goal late in the second half, he assisted on scores by Zanda Ilori '79 and Mike Raphael '79, the latter with just seven seconds left in the game.

Walsh, who was playing in only his second varsity game, commented, "If we keep up this pace, we'll go a long way." This opinion was echoed by coach Walt

Alessi, who said this game "beats beating Brandeis last year," referring to the victory over the then-defending Division III champions.

Alessi characterized the contest as a "hard, well-played game," and noted that although injuries were frequent throughout the game, none was serious. This game marked the return of the soccer team to its usual playing field in what is now Steinbrenner Stadium after using a faster field last year. However, the field's condition was not a major factor, as the team adjusted to it during the game, according to the coach.

The soccer field was yielding yet more good news as the graduate soccer club entered the second half of its season. The

Engineers currently hold first place in the Massachusetts Industrial Soccer League with an undefeated record of 12-0-2. In addition the team is a finalist in a single elimination tournament to be concluded at Boston College in the beginning of October.

The Engineers will take the field again tomorrow at 1:30pm against Babson, the sixth ranked team in New England.

Now... W. soccer

By Tom Curtis

Women's soccer is joining the ranks of MIT club sports. About ten women have already come out for the club, and club organizer Patty McDaniel '80 says new players are very welcome to join.

The club began practicing during the first week of classes. Practices begin at 4:30pm Monday through Friday and last about two hours. The club practices on the grass between Steinbrenner Stadium and Rockwell Cage.

At the practice sessions, the club has been working on the fundamentals of dribbling, controlling the ball, passing, and heading the ball. Positions have not been assigned yet.

Players are not required to come to every session, but frequent attendance is encouraged. The club hopes to practice throughout the year.

The idea for the club grew out of McDaniel's involvement with intramurals and the New England Soccer League, a summer

women's league. During R/O Week, she circulated posters and spoke to women athletes in order to generate interest in the team. McDaniel says the time is right for a women's soccer club, as soccer is experiencing a boom.

McDaniel says, "Beginners are welcome to join the club." In fact, most of the women on the club had never played soccer before joining the club.

The club is waiting to find a few more players before arranging a schedule. McDaniel would like to see the club playing games with women's teams from Tufts, Harvard, and Wesleyan in October and November.

McDaniel gives three reasons why women should join the club: "It [soccer] is very easy to pick up," "It doesn't take much time," and, most importantly, "It is fun." For more information, contact Patty McDaniel at x3-5009 or come to one of the practices, Monday through Friday at 4:30pm.

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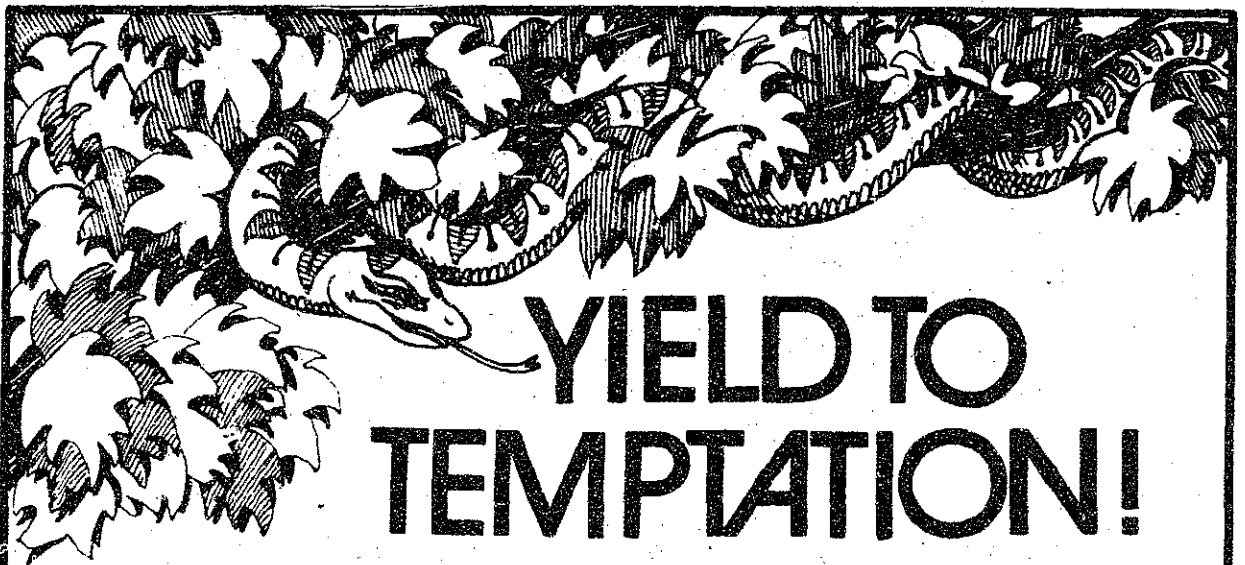
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