

Athena open to all undergrads by '85

By Edward Whang

"By January [1985] every undergraduate will receive an account for the Athena system," said Steven R. Lerman '72, director of Project Athena. Professors who desire accounts will be eligible by June, and students taking courses which use Athena equipment may get accounts by September.

Project Athena has already issued 500 accounts for the system, most for faculty members working on Athena-related projects. Some accounts have also been given to students working on projects.

A detailed status report will be released to *Tech Talk* by Project Athena on May 2. The report will explain the progress of Athena staff, faculty projects, software implementation, and equipment installation.

Project Athena will have terminal facilities located throughout the campus. The terminals will be grouped into clusters consisting of equipment from both the Digital Equipment Corporation and International Business Machines.

Those DEC clusters which are currently operating are located in Building 11 and the Henry L. Pierce Engineering Laboratory (Building 1). A cluster in the Sherman Fairchild Building (Building 38) is almost complete. By the end of the summer, the Julius A. Stratton '23 Student Center Library and Ralph A. Landau Building (Building 66) will also have clusters. By December, MIT will have eight DEC clusters with approximately 300 working terminals.

In addition, eight to 10 IBM clusters will be added by December. Planned sites for the IBM clusters include East Campus and the Student Center Library.

"A problem we have not yet resolved is that of equipment in living groups," Lerman said. "We don't know whether we'll place terminals on every floor, or in concentrated facilities. Fraternities across the river present special problems. Whether we use microwaves or wires underneath the bridge, we'll do it — we just don't know how. I would espe-

cially like to see students discuss these issues."

The completed Athena system will be composed of 2600 work stations distributed throughout the campus. "An Athena work station will consist of a 19-inch high-resolution screen; it will have its own computation structure capable of performing one million computations per second; it will have one to two million bytes of memory; it will have some kind of pointing device; network interfacing; and it will have some form of removable medium such as floppy disk capability," Lerman said.

Software currently installed on Athena include Scribe, a text formatter; Pen Plot, a graphics program; EMACS, an editor; and NAG, a numerical algorithm package. "We are in the process of negotiating for a statistical data package, a major graphics package, a complete business text processing program, a spreadsheet program, and software in symbolic math and database management. We hope to have most of these in place by September," Lerman added.

Thus far, \$460,000 has been awarded by Project Athena to support faculty projects on Athena equipment. Forty-eight faculty members in the School of Engineering submitted proposals for projects. Sixteen received funding for a total of \$332,000, and seven projects were approved without funding. In the School of Sci-

(Please turn to page 2)



Tech photo by Simson L. Garfinkel

A full sun shines on 77 Massachusetts Avenue.

Harvard exchange evaluated

By Diana ben-Aaron

The MIT administration is considering charging Harvard University for students cross-registered at MIT, according to Chairman of the Faculty Arthur C. Smith.

A study conducted by the MIT Planning Office shows that substantially more Harvard students than MIT students take advantage of the cross-registration program, Smith said.

"The imbalance is mostly at the graduate level," Smith said. Graduate students from Harvard's Kennedy School of Government, School of Public Health, and Graduate School of

Design frequently take courses at MIT, while MIT students rarely cross-register at those schools. The numbers are about equal for Harvard's Faculty of Arts and Sciences, which includes both undergraduate and graduate students, Smith added.

Gary A. Hack, head of the Department of Urban Studies and Planning, said that in his department "about 160 more Harvard students take courses here than we send to Harvard. This is because the Harvard Business School and the Harvard Law School systematically exclude MIT students, the Kennedy School of Government restricts

enrollment in their most interesting subjects to their own students, and the Harvard Graduate School of Design doesn't offer much."

The additional enrollment is "a mixed blessing," Hack said. The Department of Urban Studies and Planning is able to offer more subjects because of the increase in students from the exchange, but some classes that were formerly seminars are becoming lectures, Hack said.

"I think the way to solve the problem is not to restrict access to MIT, but for Harvard to do more to welcome our students. Harvard is not keeping their half of the bargain," Hack said.

MIT undergraduates are not allowed to take graduate subjects at Harvard without permission from the dean of the Harvard graduate school involved. Freshmen and sophomores are discouraged from enrolling in Harvard subjects, except for foreign language classes. No such restrictions exist for Harvard students.

MIT may request increased privileges at Harvard for MIT students instead of money, Smith said. He suggested more extensive library privileges as one negotiable form of compensation.

Harvard students automatically have MIT library privileges, except in the Student Center Library, while Harvard forbids MIT students from using Harvard libraries unless the students cross-register at Harvard or are undertaking a specific research project or subject requiring access to materials not available at MIT.

"Even then, they get access to one professional library but are unable to use any of the others, while Harvard students have a free run of all our libraries," Hack observed.

"We have had the exchange program a long time. At first, more MIT students than Harvard students participated, and MIT paid Harvard the difference in tuition charges by check at the end of each year. Then, about ten or fifteen years ago, the numbers became equal and the cash settlement was waived," Smith noted.

"In the last five years, the balance has swung the other way, but because we agreed then not to compute the difference, no one bothered to," Smith said.

Thief nabbed in MacGregor

Peter R. Vogeli

The MIT Campus Police arrested a man in MacGregor Dormitory at 9:20 p.m. on April 15. Kenneth Johnson, 27, of Boston is charged with trespassing, breaking and entering, and receiving stolen property, and was transported to the Cambridge City Police Offices for detention.

According to Lieutenant Anne P. Glavin of the Campus Police, a student reported to the police that a man was wandering around the fourth and fifth floors of the dormitory.

Before the arrest, Campus Police observed Johnson enter a bicycle storage room wearing an MIT T-shirt. He emerged wearing a black sweatshirt and a coat. Upon his arrest, Campus Police searched Johnson and found him to be carrying two knives, a high school class ring, and a watch. The ring was later reported missing by a student.

Johnson has been arraigned and is scheduled for trial today.



Tech photo by P. Paul Hsu

Jugglers entertain the MIT community by putting on a colorful show in Lobby 7.

Symphony drops MIT composer

By Ronald W. Norman and Ronald E. Becker

The Pittsburgh Symphony has not extended the tenure of Composer in Residence John Harbison, professor in MIT's Department of Humanities.

Harbison, who has been in residence with the orchestra for two years as one of seven composers, said he was "shocked" by the decision not to extend his residence, saying he had been assured by the symphony's management that his tenure would be extended for another year.

Harbison's leave from MIT will end in July, and he will return to MIT in September. He has been

named to MIT's first permanent Class of '49 Professorship, said Nancy T. Cavanagh, administrative assistant in the music section. The professorship, which was endowed as a 25th reunion gift, was established in 1975 to attract visiting scholars in any field to MIT. This position was previously held by Robert S. Morison and Gerald Holton, visiting professors in the Department of Science, Technology, and Society.

Harbison will now be a composer / consultant to the orchestra, according to John Duffy, director of the Meet the Composer program which places composers

in residence with symphonies.

The Pittsburgh Orchestra Planning Manager Marshal Turkin sent Harbison a letter last week stating that the Executive Committee would not extend his tenure another year. Harbison said last week he believes his scheduling arrangements and internal tensions at the symphony contributed to his release.

Harbison will work on a program with the Boston Symphony Orchestra this summer at the Tanglewood Festival, and the BSO will premiere his first symphony on March 22. His work is one of 12 pieces commissioned by the BSO in 1981.

Noble queries Athena status

(Continued from page 1)

ence, 28 proposals were submitted. Nineteen received funds for a total of \$110,000, and two unfunded projects were approved.

Noble requests review of use of students as experimental subjects

"I am convinced that Project Athena warrants a full and serious review by [the Committee on the Use of Humans as Experimental Subjects]," wrote David F. Noble in a letter to the chairman of COUHES. Noble is an associate professor of Science, Technology and Society, currently on leave at the Smithsonian Institute. Athena is not currently under review by COUHES.

Noble said he believes Project Athena uses students, particularly undergraduates, as experimental subjects, and this potentially

poses risks to students.

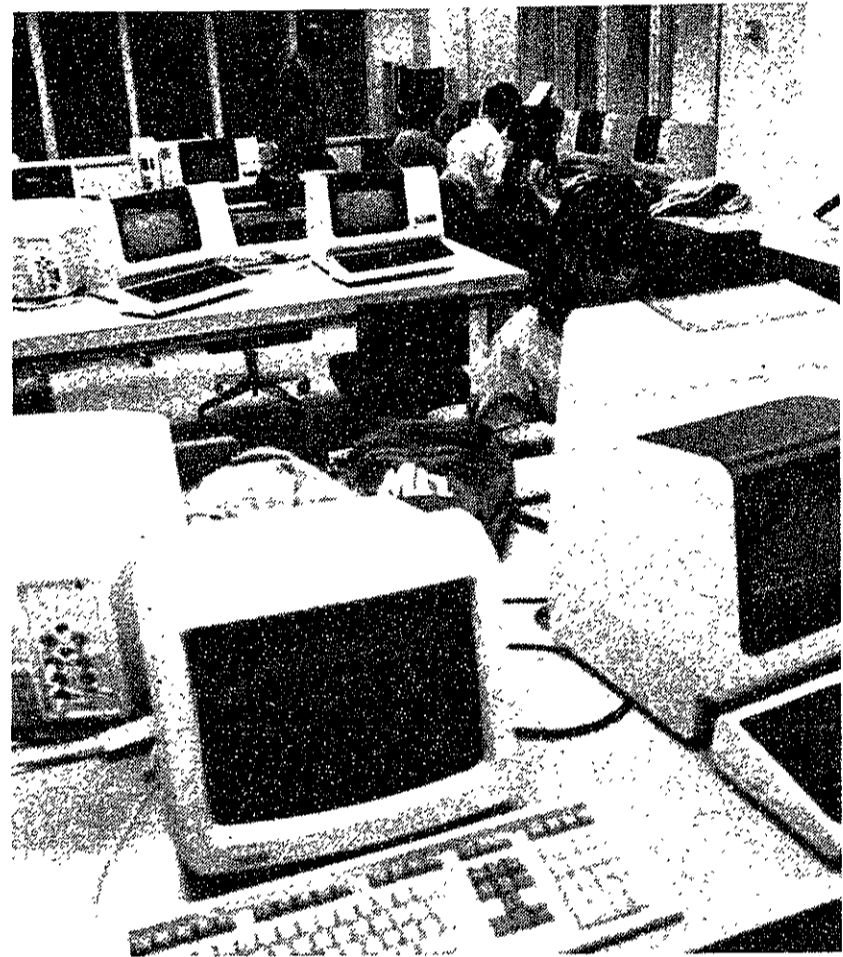
"Further seen as an 'educational program' alone, if it were this, no assessment has yet been done (to my knowledge) demonstrating that students would not be put at risk emotionally or physically or through an invasion of their privacy. Thus, COUHES review would still be warranted," Noble continued.

Bernard S. Gould, professor emeritus in the Department of Biology and chairman of COUHES, however, explained that Project Athena is not a research project, although he said specific projects which use Athena equipment may warrant review by COUHES. Gould recently sent a letter to Noble explaining his reasons for not putting Athena under COUHES review.

"If a professor decides to try a new teaching method and that method poses no possibility of harm to students involved, then review by COUHES is not warranted. But if he decides to divide his class in half and treat each differently — if there is some risk — then we would review it," Gould said.

Lerman said Project Athena "as a whole" does not require COUHES review.

"I am convinced that Athena must undergo thoroughgoing, independent review, to insure that students will be protected against any and all abuse. If COUHES is unwilling to undertake such a review, perhaps it is a matter best undertaken by the students themselves, through their own organizations," Noble said in the letter.



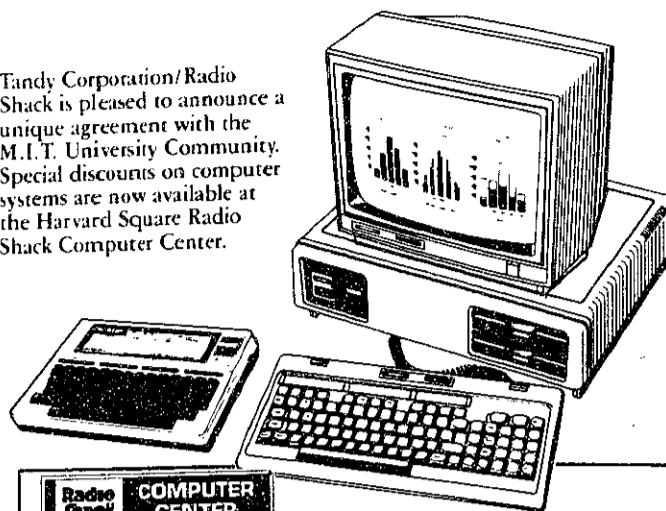
Tech photo by Joseph LaRocca

Students work in the Project Athena terminal room in Building 11.

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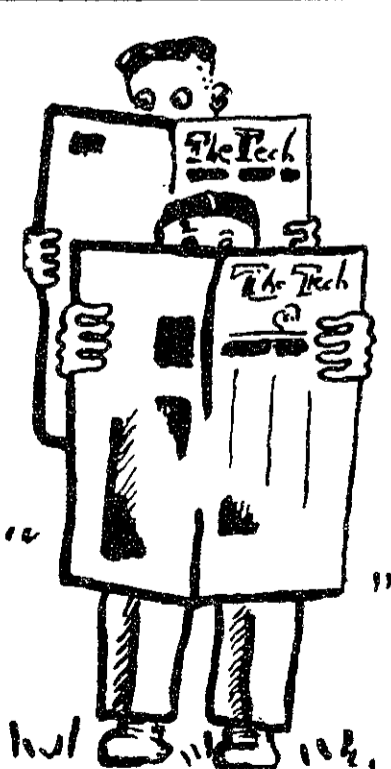
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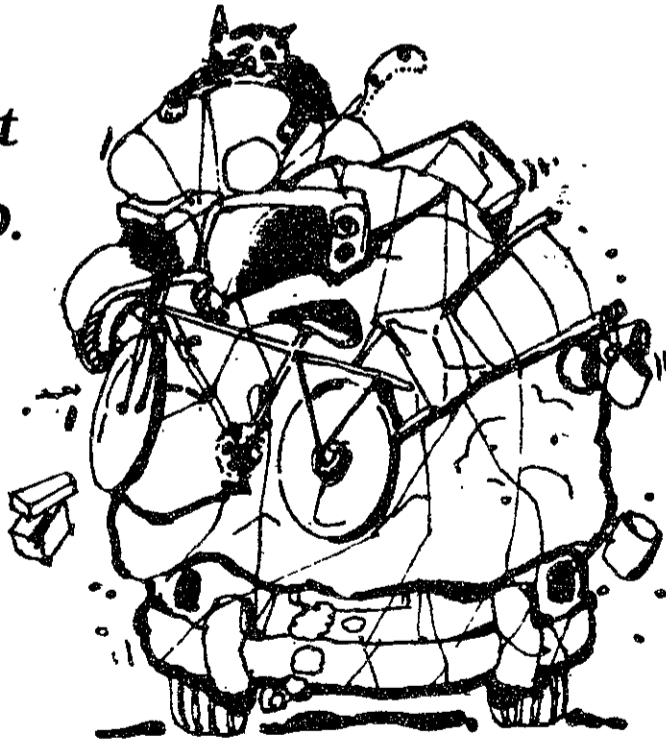
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news roundup

World

Reagan to meet with Chinese leaders — President Ronald W. Reagan is scheduled to meet today with General Secretary of the Chinese Communist Party Hu Yaobang and Chinese Prime Minister Zhao Ziyang on the second day of his six-day visit to the People's Republic of China. Tomorrow Reagan is scheduled to meet with Deng Xiaoping, the *de facto* leader of China, and the meeting is expected to cover issues relating to the Soviet Union. In a press conference concerning Reagan's trip to China, James A. Baker III, White House Chief of Staff, asked if he had ever traveled to a Communist country, replied "Well, I've been to Massachusetts."

Nation

Mondale disbands delegate committees — Democratic presidential candidate Walter F. Mondale ordered his independent delegate committees to disband. These committees, which were composed of of Mondale's convention delegates, were able to solicit contributions and spend money independently of Mondale's official campaign. Democratic presidential candidates Sen. Gary W. Hart and the Rev. Jesse L. Jackson had criticized Mondale for accepting money from these committees, which had accepted funds from political action committees. Mondale has publicly stated his refusal to accept PAC contributions to his campaign.

Supreme Court bars race as factor in custody — The Supreme Court, in a unanimous decision, yesterday ruled that courts may not consider race in awarding custody of children. The ruling came in the case of a 4-year-old white child removed from her home by a Florida judge in 1982 after her divorced white mother married a black man. The judge, who transferred custody to the child's white father, a Texas resident, said he sought to protect the child from the "social stigmatization" and stresses of racial prejudice. Chief Justice Warren E. Burger, however, in the Court's opinion, wrote, "Private biases may be outside the reach of the law, but the law cannot, directly or indirectly, give them effect."

Earthquake strikes California — An earthquake measuring 6.2 on the Richter scale caused minor damage and scattered fires in San Jose, California on Wednesday. The quake's epicenter was 12 miles west of the city.

David Kennedy found dead — The body of David Anthony Kennedy, 28, a son of the late Sen. Robert F. Kennedy, was found shortly after 11:30 a.m. on Wednesday in a room of the Brazilian Court Hotel in Palm Beach, Florida. A spokesman for the Police Department of Palm Beach said there was no sign of foul play. The results of an autopsy to determine the cause of death will not be available today or tomorrow. Kennedy had recently dropped out of Harvard University and undergone treatment for heroin and alcohol addiction.

Local

It's all in the family — Boston Mayor Raymond L. Flynn defended his hiring of four of his relatives for city positions in a press conference on Wednesday. Flynn said that as long as they are qualified for the positions, he sees nothing wrong with appointing relatives to city posts. In his mayoral campaign, Flynn had stated that hiring under his administration would not depend on political connections. In an unrelated announcement, Boston Administrative Services Director Raymond Dooley said that he expects to meet the net 258-person reduction in the city work force called for in the budget recommendations submitted by Flynn for next year to be met by June 30.

Weather

Spring has finally sprung — Today should be sunny, with a high temperature in the low 70s. The spring weather should continue through the weekend, with a chance of showers late Sunday and early Monday. Highs in the low 70s, lows in the 40s.

Charles P. Brown
and Janice M. Eisen

The *Tech* Open Staff Meeting will be held this Sunday at 4 p.m.* in Room 483 of the Student Center. Anyone interested in joining *The Tech* is encouraged to attend.

* Please note the change in time

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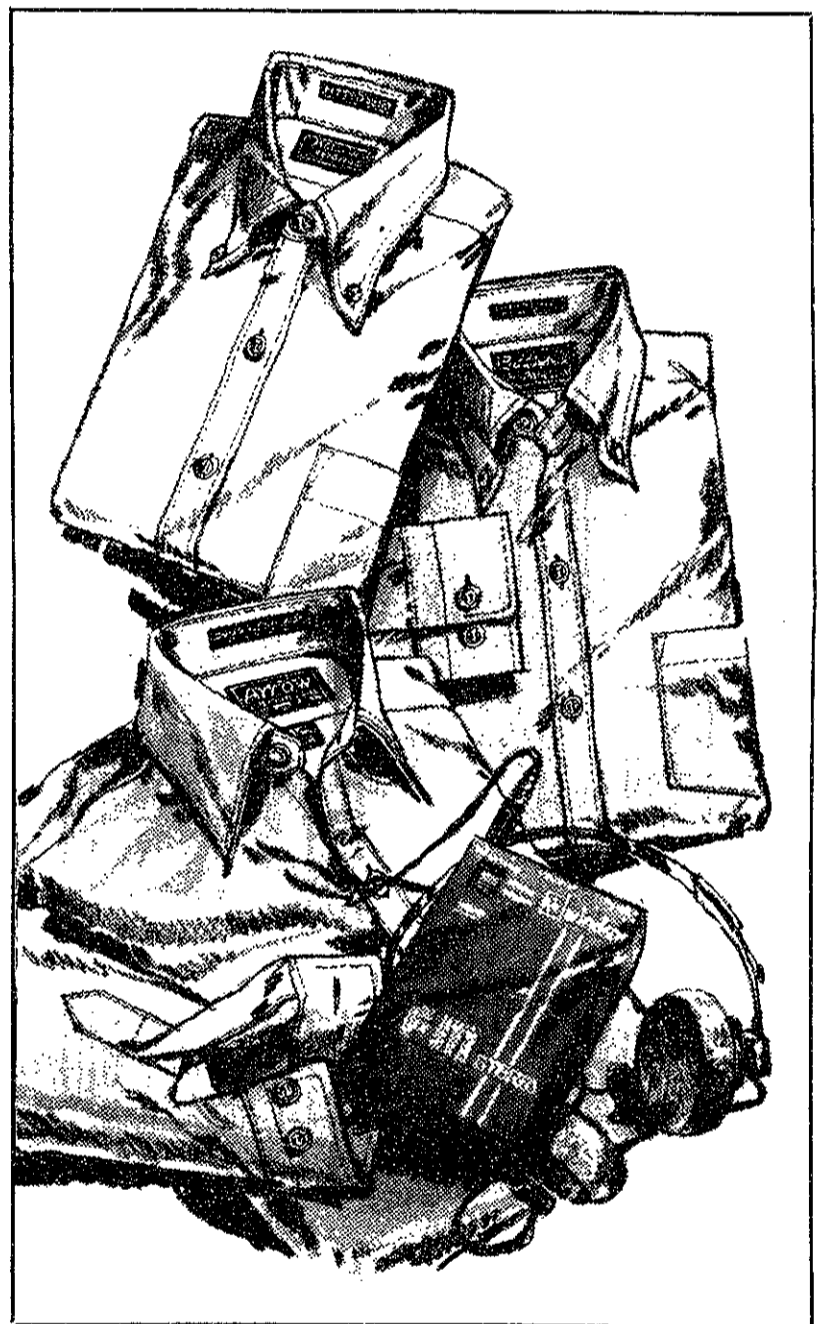
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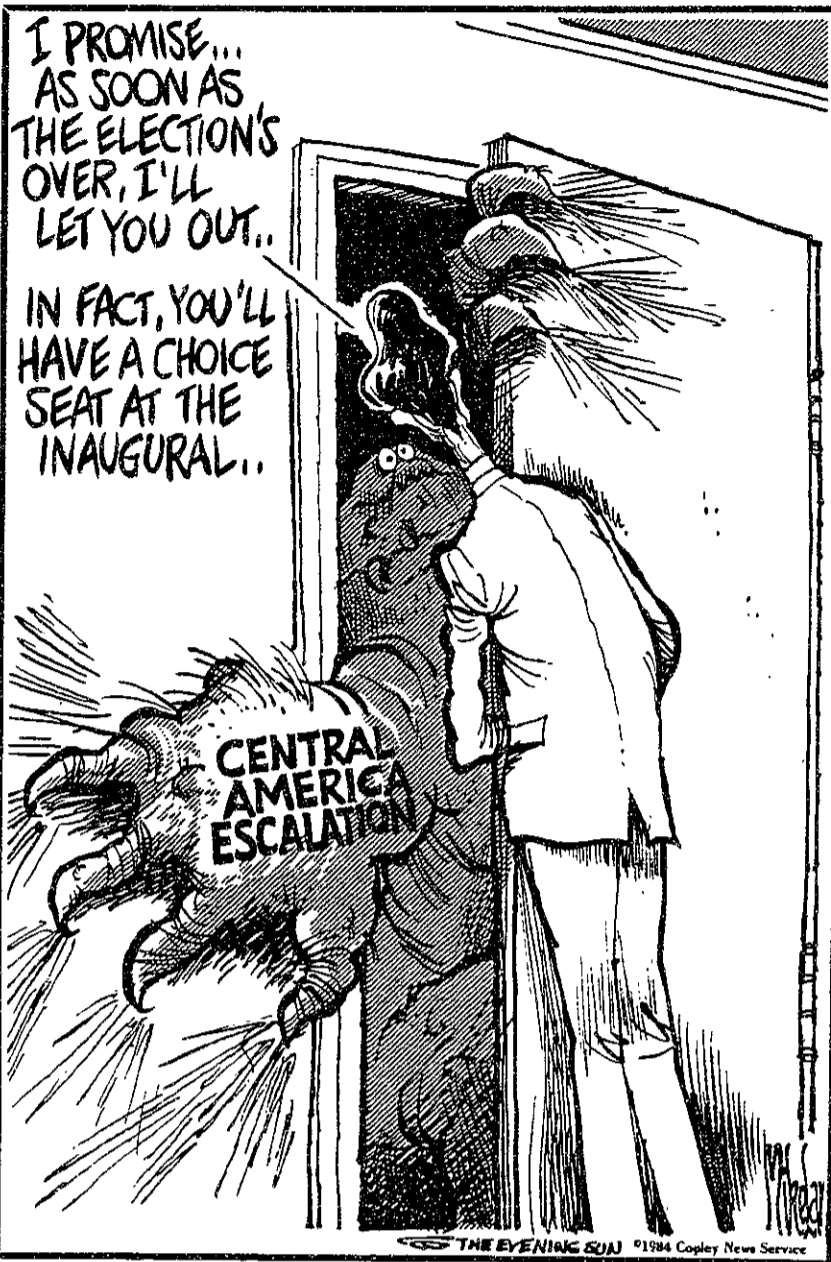
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opinion

feedback



Criticism of Ayyadurai letter was invalid and unjustified

To the Editor:
Michael P. Witt's vain attempt [April 20] to discredit the letter of Shiva Ayyadurai [April 6] cannot go unanswered. He has vividly portrayed his conservatism. In trying to dismiss the letter as a "joke," he has also revealed his own deep-set racism.

First, Witt has tried to isolate Ayyadurai from the Black Students' Union by arguing that the ideas presented in Ayyadurai's letter were "extremist" and therefore were detrimental to the efforts of the BSU in making the MIT community aware of the problems in South Africa. This charge is completely bogus for many, if not all, of the leadership of the BSU, and organizers of South Africa Awareness Week

openly praised Ayyadurai's letter since it not only was factual but also urged students to join in solidarity with the youth and workers of South Africa in their struggle against apartheid.

Witt is probably used to articles that reflect mere mental masturbation. For him, urging students to take action is "extreme." The problems in South Africa are those of imperialism oppressing the working class, and the solution is "extreme"; the freedom fighters, therefore, have no need for wimpish concerns or attitude. Furthermore, Ayyadurai also was an organizer of the South Africa Awareness Week, and if anything, his thoughts, ideas, and actions for the effort were positive and noteworthy. Where was Witt during this week and where was his concerned participation? In his insincere attempt to praise the BSU for their efforts and then to isolate Ayyadurai, we have merely witnessed a sleazy political ploy of this careerist student politician (Witt was the former Undergraduate Association President) to win the acceptance of the BSU.

Second, Witt exclaims the letter is "full of inaccuracies." Well, this statement itself shows the complete inaccuracy of Witt's entire letter. Yes, Ayyadurai's reference to Roelof Botha as the commander in chief was wrong; however, this reference was meant to be taken figuratively, not literally. Witt tried to use this one "error" in the Ayyadurai article to discredit the essence and the vitality of the entire article. Such an attempt shows his own buffoonery and his foolish assumption that readers will simply read "full of inaccuracies" and, in turn, will blindly agree with his diatribe.

Third, Witt is horrified that the Ayyadurai article referred to the oppressed people of South Africa as the working class. The fact of the matter is that the native black population is the oppressed working class, for on the average, a black worker gets paid one-fifth the salary of his white counterpart. When black workers

Romm's columns clever and brilliant

To the Editor:
As editor of Volume 93 of *The Tech* (1973-74), I tried to get a good friend of mine to write reviews of all 22 undergraduate courses then available. He did nine before his enthusiasm flagged, in the face of criticism that was summed up by a *Daily Reamer* headline that year: "Course' discussed; found to have breadth, variety, diversity, sucky labs."

That was the problem with honestly trying to describe MIT's courses. They are all so uniformly good that any serious effort ends up with each article sounding like an excerpt from the catalogue, with the exception of the one requisite negative piece of information. All the courses at the Institute have breadth, variety and diversity. Many of them have sucky labs. So, the articles looked like they were written with a cookie cutter.

Thus, you can imagine my pleasant surprise when I began reading Joseph J. Romm's series. I can withhold my applause no longer. Brilliant! Masterful! And he has taken the required negative comment, turned it into his "LIBEL," and removed its sting.

Best of all, his series is at least as useful as the Volume 93 effort to anyone wondering what course to major in, without requiring any of the tedious research and fact checking that so often caused us pain and nearly-missed deadlines. Besides, since it is a column, no one felt the need to illustrate Romm's series with awful photographs — another plague of the earlier series.

I have enjoyed Romm's work for some time now. I think he has a bright future as a newspaper humorist. I salute his ability to complete a job we could only start. Keep up the good work!

Paul E. Schindler Jr. '74

Prayer implies that Christianity best

To the Editor:
Burt S. Kaliski's column on school prayer [April 24] is the best example of why it should not be permitted. His fundamental error, and that of many proponents of school prayer, is that there is one "true" religion, in his case, Christianity. There have been many, many religions since the beginning of history, including Buddhism, Islam, Judaism, Zoroastrianism, Greek mythology, etc. Christianity is but one in a long series. None of these have been shown to be more or less valid. It is probable that some day the primary religions of the present will be supplanted by new religions.

Kaliski also states that the reason for the disease and poverty in Third World nations is their non-belief in God. Presumably he means the Christian god, as most of the peoples of the Earth practice some form of religion. This is obviously rubbish. There are many Christian nations with severe economic problems — El Salvador promptly comes to mind. Reducing complex socio-economic problems to "God's punishment" is akin to saying that he placed fossils underground when creating the Earth merely to fool us into thinking evolution took place. Both, while logically irrefutable (always a problem when discussing theological ideas), are, equally absurd.

This brings me to another point raised by Kaliski, one that is frequently cited by the proponents of school prayer. He states: "Were students to pray . . . in the classroom, we would not face as

many social ills as we do now." This argument tries to appeal to those that feel that the United States is slipping into ruin (a debatable point in any case) and are searching for a "quickie" solution to the problem, where none probably exists. Once again we have a very complex problem being traced to a far too simple

(Please turn to page 7)

Religion should be taught in the home

To the Editor:
I am writing in response to Burt Kaliski's column on prayer in the classrooms [April 24]. In my four years of reading *The Tech* I have never seen such abominable logic and narrow-minded opinions.

Kaliski stated that if there were prayer in the schools, "we would not face as many social ills as we do now." He feels that it is more important to teach religion in school than to teach history and sociology because "what worthlessness it is to teach a pupil about some tribe or people on the other side of the earth which he will never see." Relegating children to a life of ignorance of everything but religious study is not my idea of an education.

Religion has a lot to offer our society on a personal level, and thus should be taught on a personal level at home where it can be nurtured in a more settled environment. Religion provides many people with the strength and stability they need to face the

world and deal with its problems. However, it is not a magic cure for all social ills. Kaliski stated that "this country is blessed in many ways because of a traditional faith in God. Most countries in the Far East and Africa whose citizens do not believe in God are dens of disease, poverty and crime." First of all, these regions do believe in God; he just does not happen to be your god. Secondly, Africa survived tens of thousands of years quite happily until the arrival of the Western "Christians." Only then did it become a den of "disease, poverty and crime."

Kaliski is entitled to his opinion and there are countless other points in his column which I could attack, space permitting.

Suffice it to say that I would much prefer to trust my future to my fellow classmates who plan on using their degrees and intellects to improve the world than to those who have faith that God will solve our problems.

Iain Hueton '84

The Tech

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opinion

feedback

Strong language undercut column

To the Editor:

Although I realize the *The Tech* must be receiving a plethora of letters about Burt S. Kaliski's column of April 24, I felt that it was my duty as a responsible student to reply to his article. I was frankly shocked after reading the piece. I feel that many of Kaliski's assumptions went much too far, and that the piece was filled with self-contradictions which destroyed any credibility it might have otherwise had. It was only after a few readings that I was able to follow Kaliski's choppy style, and I strongly feel that the article failed to come to a valid point.

Kaliski first questions high schools which offer subjects about such mythological gods as Zeus and Osiris yet neglect the "true God". Just because a majority of the American people accept Jesus as God is no reason to force him upon the rest of the population. Also, Kaliski refers only to courses; the schools do not allow their students to pray to Zeus or Osiris any more than they allow students to pray to Jesus.

The most glaring contradiction in Kaliski's column is in his discussion of inalienable rights. He claims that freedom of belief was a right given to us by God; however, God did not give us the right not to worship him. But is this not the definition of freedom of belief, the right to worship whomever or whatever one believes in? If we must worship Kaliski's god, then have we not lost our freedom of belief? Kaliski does not have either the power or the authority to say that "the right not to worship God is not 'inalienable.'" He should thus not have done so.

The article also makes several more very strong statements. Kaliski states that the reason for poverty, disease, and crime in many other countries as well as our own is a lack of faith in Jesus. He also states that occasional church attendance is not enough to guarantee salvation. Yet, he offers no reasoning for these assumptions. They are just wild accusations plucked from mid-air. Who is Burt S. Kaliski to

say that the man who does not support prayer in schools will not "be saved"? I feel that no one has the authority to make so powerful a statement. Also, at one point in the article, the Kaliski states that no true follower of Jesus would ostracize others for not worshipping his way. Yet, as pointed out above, Kaliski goes on to say that a lack of faith in Jesus is what has caused many of the world's problems.

I am not a believer in fundamental Christianity. Thus, Kaliski's "true followers" would not alienate me for not praying, yet they, at the same time, would condemn me as the cause of disease and poverty. This is a glaring contradiction, and one can only assume that those who pray would harbor a certain resentment towards those who do not. One can picture the damaging psychological effect on a small child in a public school whose religious beliefs are not in accordance with Kaliski's. He would hear daily that his lack of faith is the cause of poverty, crime, and disease, and this could certainly have a damaging effect on his psyche.

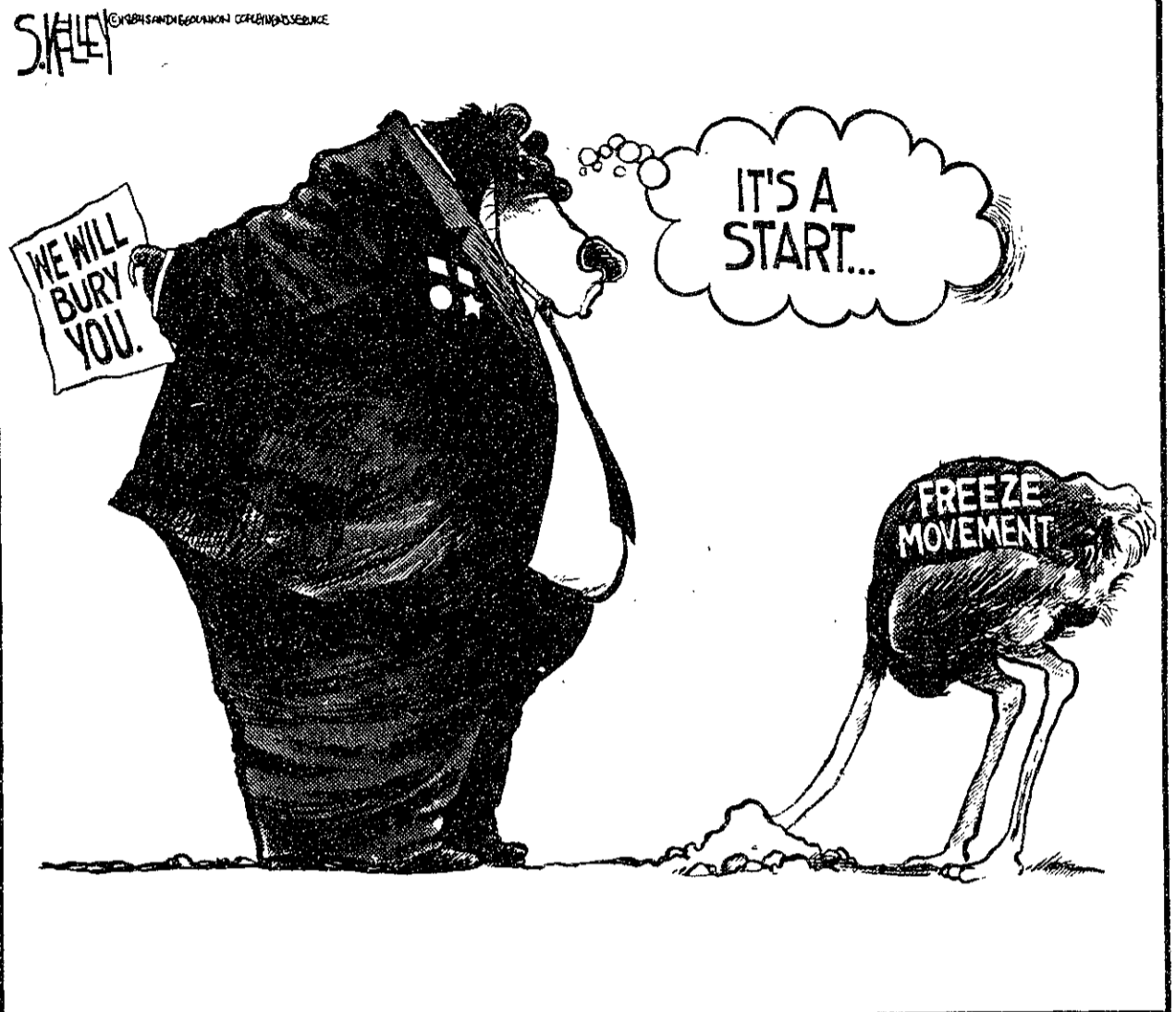
I am not admonishing *The Tech* for printing this column, nor am I denigrating Kaliski's beliefs. Every man has the right to his own beliefs, and to condemn Kaliski for his would be tantamount to condemning my own beliefs. However, it is when a person tries to force these beliefs upon others through wild assumptions that I take offense, and I feel that Kaliski should develop a better argument before he writes his next column.

Jonathan Gruber '87

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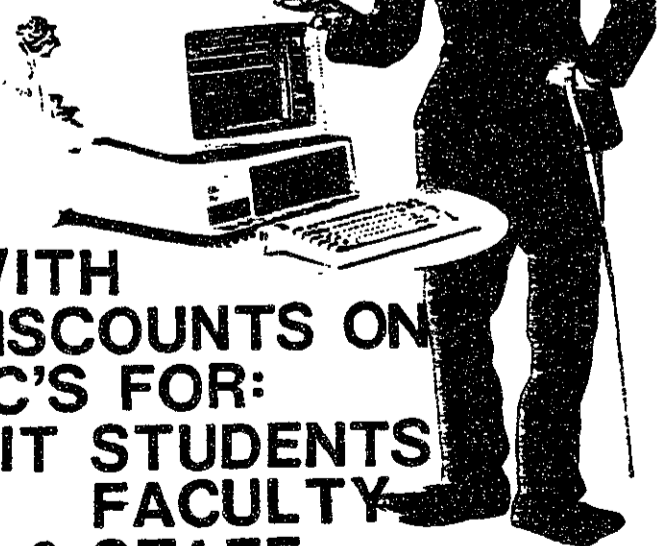
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feedback

Imperialism keeps Africans in poverty

(Continued from page 4)

struck in South Africa they were beaten up. Let Witt go into to mines or assembly lines of Africa and attempt to tell the black workers that the main problem in Africa is not that of an oppressed working class. Hopefully, he will get beaten up.

Witt tries to dismiss the crucial fact that the problem is indeed rich against poor, oppressors against the oppressed, and capitalists against the working class by stating the "situation in South Africa is much more severe and complicated." This statement is an "intellectual" attempt to try to attack the simple fact that the main problems in the world today are a result of US and Soviet imperialism. The fact of the matter is that the problem is quite simple. It is so simple that "intellectuals" at MIT and other lackeys of the bourgeoisie try to dismiss this simplicity by saying that the problems are "very complex," so complex that only a highly educated group of Kissingers or Kirkpatrick's can comprehend the problem. The struggles in South Africa, El Salvador, Roxbury, Harlem, and other economically depressed areas are the struggles of the oppressed working class to free themselves of their racist imperialist masters.

Witt, in his naiveté, has also attempted to dismiss the notion or existence of a working class by comparing "... Russia 1917 ... [to] ... South Africa 1984." Unfortunately, he does not realize that the working class is alive and well! Although it may be different from Russia's in 1917, it still exists. Furthermore, Witt's implicit attempt to also discredit the Bolshevik Revolution of 1917 cannot go unanswered. Even a Philistine knows that this glorious moment in history liberated a mass of people from a repressive feudal system to a more libertarian system where people were now at least properly fed. It is however true that today Russia is on par with US imperialism. Any individual who implies or denounces the occurrence of 1917 and tries to imply that we should refrain from using the term working class since it became obsolete after 1917 should also be ready to admit "I am a bootlicker of the rich and will ever be their lackey." Witt has clearly identified himself to be so.

Witt has also used the similar methods of the bourgeois ancestors' colonialist tactic of "divide and rule" in trying to discredit the Ayyadurai letter. He tried to impress members of the BSU by stating he would like "to take this opportunity to praise the efforts of the BSU" and then attempted to denigrate Ayyadurai's "extreme" writing so as to divide the views of sympathizers within the BSU and MIT community who are in solidarity with the oppressed working class of South Africa that has decided to choose revolution over the Gandhian way of non-violence.

The fact of the matter is that the Ayyadurai letter is not "full of inaccuracies," and this is not what bothers Witt. The meaning of the Ayyadurai letter is what bothers Witt. Witt, in his letter, praises Ayyadurai for his writing capabilities; yet he does not like the letter since Ayyadurai has denounced the democratic reformist and liberalization solutions that the Botha government is proposing. Ayyadurai, himself, used to be a careerist student politician and used to believe that reformist

methods could solve the huge problems in society. Witt probably still believes in such reformist approaches and therefore Ayyadurai's denunciation of the democratic reformist way of solving problems is what irks Witt.

Witt is a careerist student politician and his future, as well as the futures of other student opportunists' political careers, is based on telling the masses of people that through voting for them and supporting reformist platforms, the solution is at hand. If students, in turn, began to accept the fact that reformist methods can never resolve the main problem of the maldistribution of wealth, the future political careers of Witt and his counterparts would be obliterated. The fact is Witt realizes this meaning and has purposely strayed from this crucial point and in turn has blatantly lied in saying that the article is "full of inaccuracies."

Finally, for Witt to call the letter a "joke" reveals his own deep-set feelings of racism. If he feels being in solidarity with the workers and oppressed is a joke, then he might as well say he supports apartheid; because only through the liberation of the workers will South Africa ever achieve true liberation. Ayyadurai's letter was one of the most serious letters in *The Tech* in the past two years. It calls for action, not inaction. Perhaps this is what bothers Witt because he might have to do something about it. If Witt is still convinced that the problems of South Africa are very "complex," and that the struggle of the oppressed working class is not the way to liberation, let him defend his views in a public debate — anywhere, any place.

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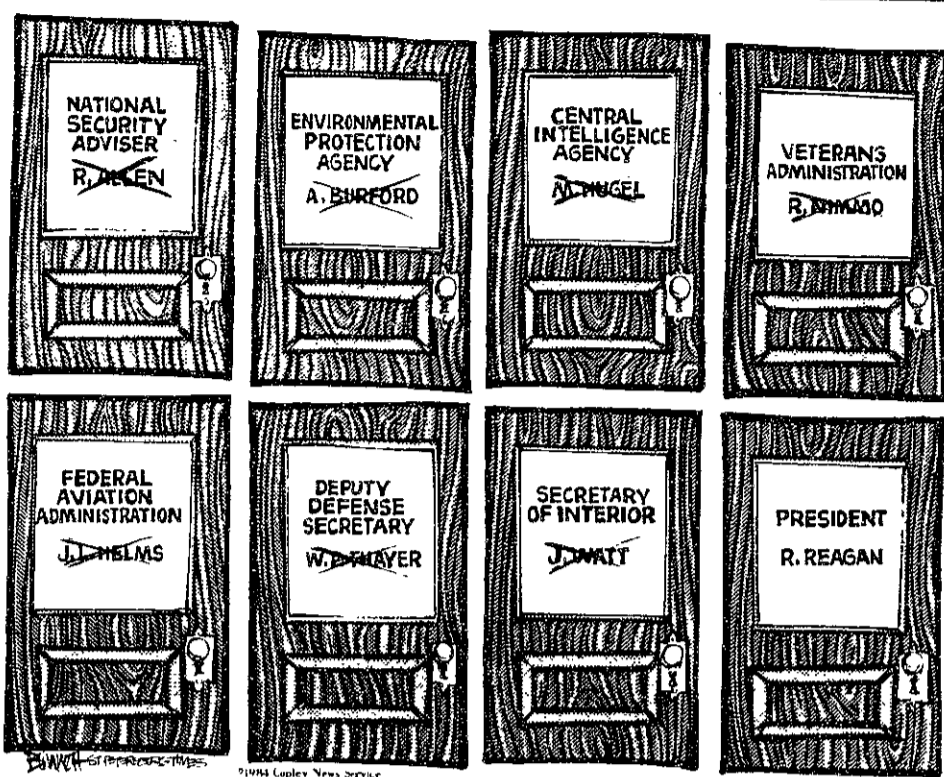
WEST PLAZA SCHEDULING

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Applications will be accepted on a rolling basis after May 8, 1984. Reservations for IAP will not be held until October 1984.

opinion



→ feedback

All religions valid

(Continued from page 4.)
 cause. Personally, I feel that it has been the oversimplification of problems, be they the budget deficit, the declining competitiveness of American goods, foreign policy, or social strife, that exacerbates them.

The danger that school prayer represents is one that is always present in a democracy — that the majority will enforce their beliefs on the minority, when both are equally valid. It was this kind of problem that the Bill of Rights

was formulated to avoid. The phrase "equally valid" is the key qualifier here. It is legitimate to teach that the Earth is round in a public school; this is a demonstrable fact. All religions have equal validity in the United States, since there is no test which, if any, are true. The problem with starting each school day with a prayer is that it implies both the existence of God, and the superiority of Judeo-Christian values.

Geoffrey Engelstein '86

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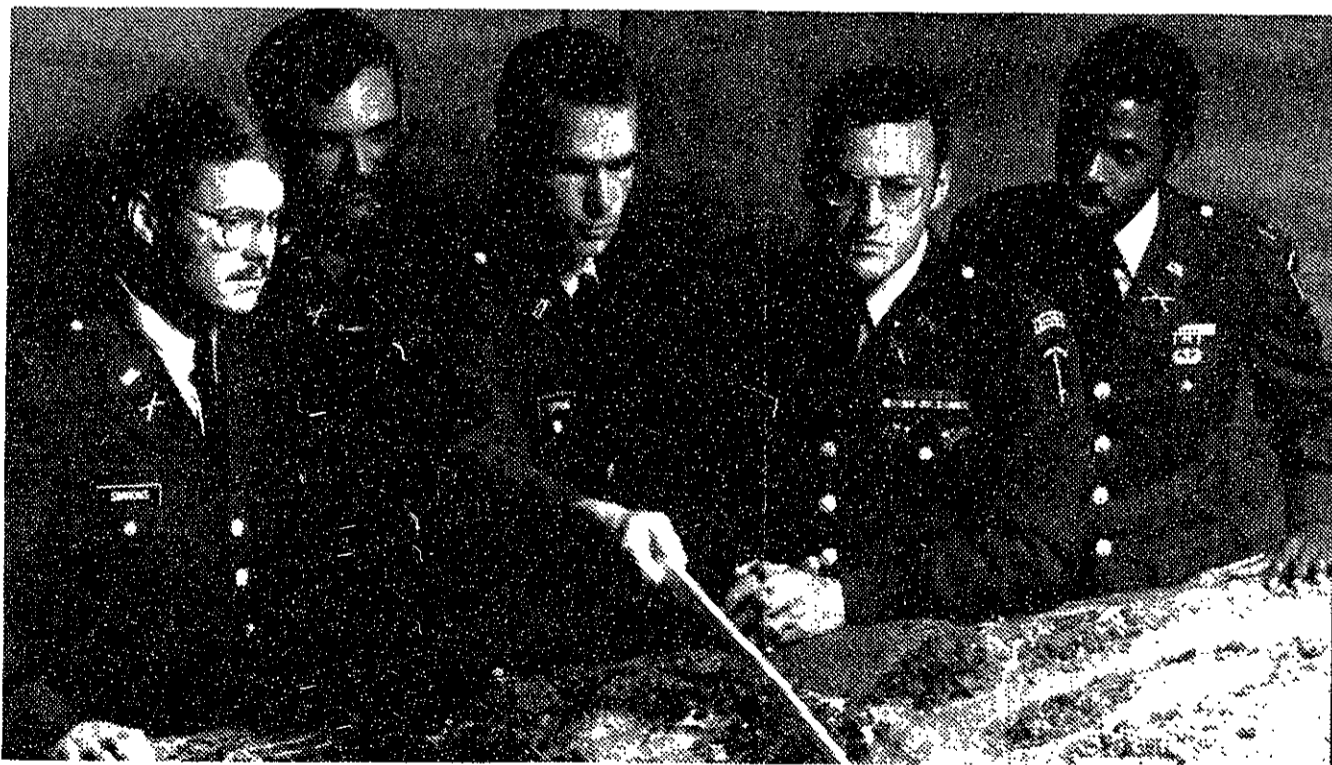
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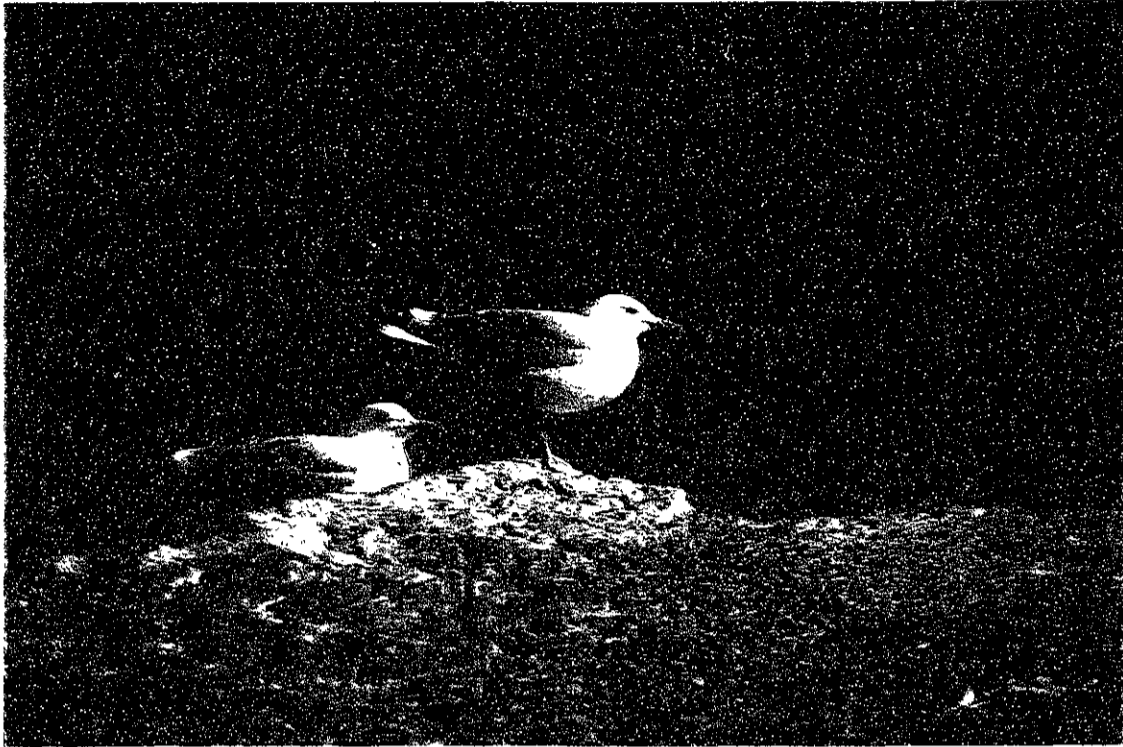
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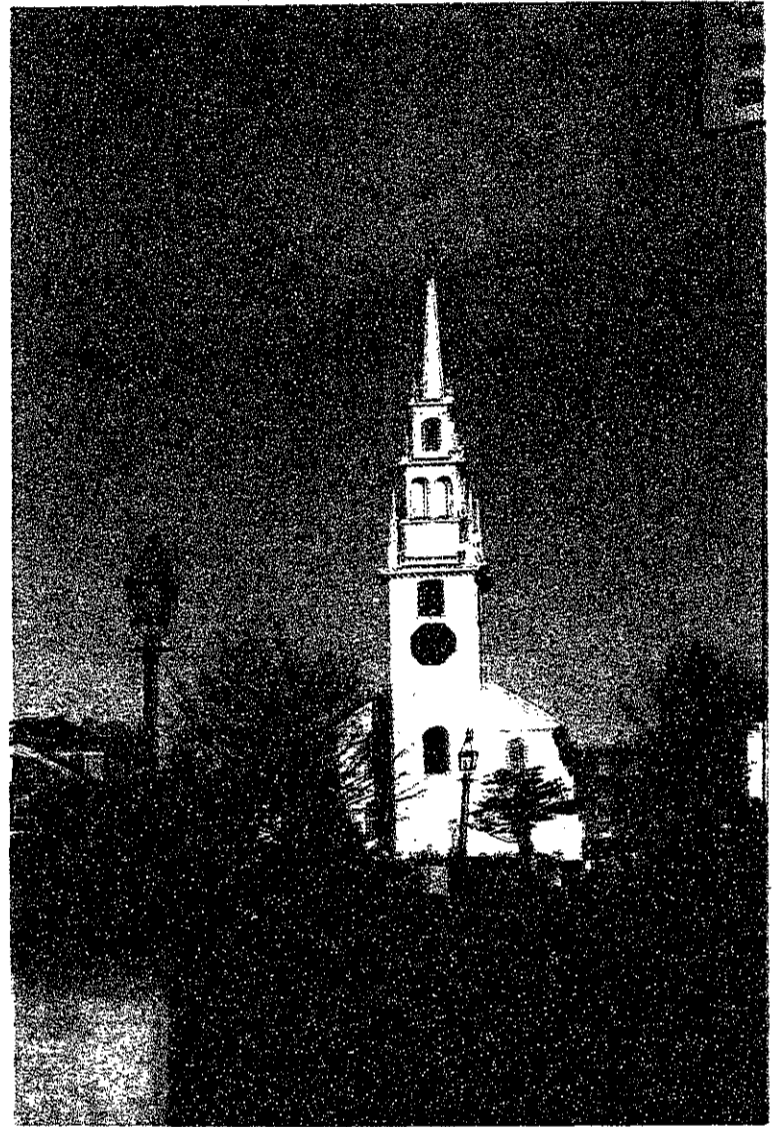
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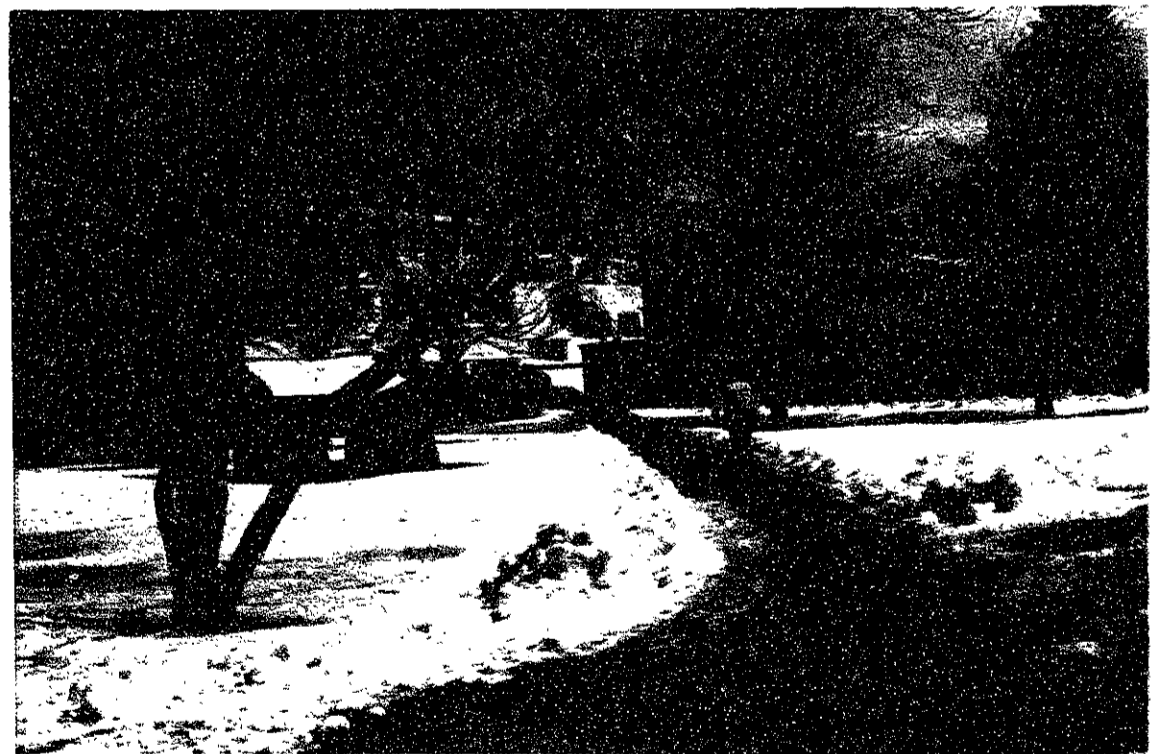


Newport

by Henry M. Wu



Simson L. Garfinkel



Stephen P. Berczuk

Two Views of MIT

by Stephen P. Berczuk and Simson L. Garfinkel

Black Flag declares it's their war

Black Flag with the Meat Puppets and Nig Heist, at the Channel, Sunday, April 15. My War, Black Flag on SST Records. Meat Puppets II, the Meat Puppets on SST Records.

After a hiatus of nearly two years, Black Flag, the hardest hardcore band of them all, has emerged from its near-monastic seclusion with a mighty roar worthy of its status as one of America's most influential punk groups. Only their fellow Californians the Dead Kennedys and X, and maybe D. C.'s recently-disbanded Minor Threat, can lay claim to any such parity.

Black Flag's contractual problems with Unicorn Records, the now-defunct distributor of their first full-length album, *Damaged*, prevented the release of any new material until just last month. A double-record compilation of old demo tracks, *Everything Turns Black*, was issued last year, first as a German import and later domestically on SST. Neither the band's name, however, nor its distinctive four-bar logo were permitted to be displayed on the US release; the identifying marks were simply airbrushed off the German cover.

Black Flag was conceived in a garage in Hermosa Beach, Calif. in 1976 by guitarist Greg Ginn, who was disgusted by the slick impersonality of the disco-dominated music industry of that time. His conversations with Spot, the band's long-time recording engineer and its first unofficial bass player, provided the impetus to create a band unlike any the world had ever seen.

Bassist Chuck Dukowski eventually became a co-founder of the group along with Ginn, and the pair split songwriting duties. Black Flag has never had a set lineup for very long, with band members coming and going and coming back again with great frequency. Dukowski's recent amiable split from the group leaves Ginn, who was recently named by *Flipside* readers as the "ultimate guitarist to form a band with," as its sole original member.

The music performed at this show was not particularly easy to listen to. The varying levels of atonality and rhythmic complexity demand a degree of concentration not usually required of even a BSO performance of Shostakovich, much less a punk concert. So much is often going on within the musical structure of these bands that its intricacies can easily be overlooked.

First up was Nig Heist, the SST in-house joke band, who performed more or less in the nude. They do not mean to be taken seriously; it is difficult to think deep thoughts about people who walk out on stage with their genitals on display. It was only 16 years ago (about three eons, it seems) that Jim Morrison was persecuted for allegedly waving his penis around while on stage with the Doors in Miami. The times, they certainly are a-changing.

Nig Heist played six impromptu songs, intentionally amateurishly, amid gobs of spit hurled at them by some of the less-tolerant people in the crowd, which more closely resembled the crush on a Green Line train during rush hour than a concert. The band's unprintably obscene comments about tolerance of people who are different (hippies vs. punks) generally fell on deaf ears, somewhat surprising since



beyond their Phoenician home and partly to the blinding, drug-crazed intensity of their music. Their lyrics are no less obscure than the music; typical is new song "Climbing" from the new album:



*Mine, mine, which things are mine?
Well I thought I saw a few
Before I found out I was blind
And I think I see a sign
And it's saying where to go
And when I get there what I'll find.*

Their new album, *Meat Puppets II*, differs sharply in style from their 1981 debut EP and self-titled album of 1982. Instead of the harsh thrashing psychedelic dissonance of their earlier work, the Meat Puppets have opted for a slower country-punk sound, although they have retained at least some of their former psychedelic orientation.

The band's new musical emphasis is not entirely displeasing, but does not come close to generating the sheer over-the-edge exuberance of their earlier work. Strains, albeit warped, of familiar classics such as "16 Tons" and Gene Autrey's "Back in the Saddle Again" pop up now and again, but the lackluster *Meat Puppets II* does not have the raw power or brilliance of vision displayed by its predecessors.

Unfortunately, in concert the Meat Puppets were just plain awful. They never got into any sort of groove — the success of their music depends upon a delicate give-and-take among the instruments which simply was not present. Repeated equipment difficulties only exacerbated the problem. The audience wanted very badly to like this band, but were left shaking their heads wondering what went wrong.

No band can achieve such a rabid cult following without good cause, the reasons for which were not displayed at the Channel. The few flashes of genius shown by the Meat Puppets were obliterated by their inability to build on what little excitement they generated. One person who attended both the Channel show and the tour's following day-performance in Providence reported the Meat Puppets were as intense as expected at the latter performance, and deserving of their previous acclaim.

The band members have been quoted as saying the quality of the music they play is directly related to the quantity of drugs

they consume. If this be the case, the mix was wrong in Boston but right in Rhode Island. Truly, the Meat Puppets are in many respects the Grateful Dead of the hardcore world.

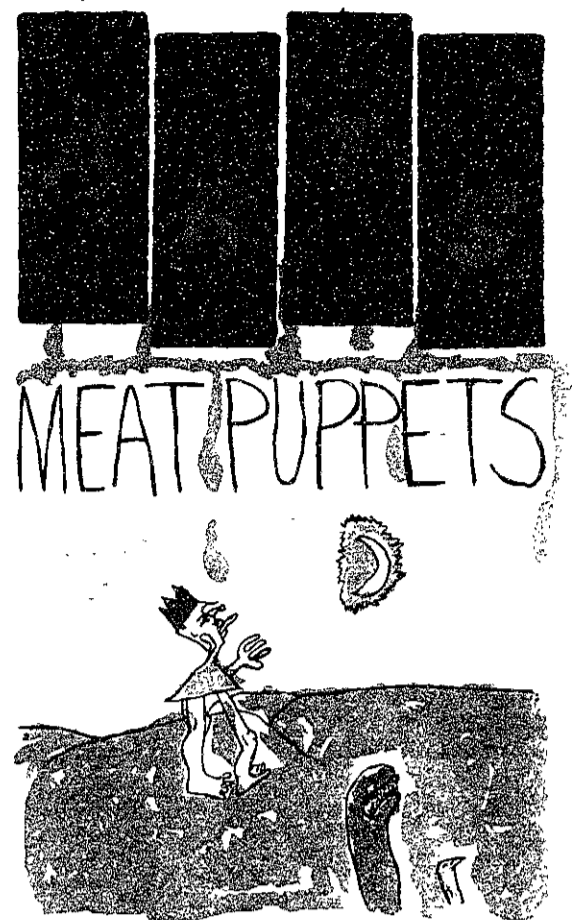
The black flag is an internationally recognized symbol of anarchy; when Black Flag stormed the stage, anarchy prevailed. People were swinging from the rafters, and the slam-dancing escalated from mere quasi-violence into full-fledged war. Black Flag takes no prisoners, and leaves no survivors.

Singer Henry Rollins (known as Henry Garfield when fronting D. C.'s first hardcore band, State of Alert) may not be an original member of Black Flag, but he personifies the band so completely that it is difficult to remember any of their other vocalists. He is a certifiable neurotic, his feelings of isolation and paranoia matched only by the utter abandon with which he conducts himself on stage.

Rollins, heavily tattooed and now sporting shoulder-length hair where once there was only skin, is clearly the visual focus of Black Flag. His emotionally draining performances grab the audience and wrench its attention toward his admittedly bizarre viewpoints on life. Rollins, who was once featured in a gay porn magazine, has recently published a book of his poetry and become an MTV cult star.

The band provides a dark, brooding background for Rollins' maniacal ravings. The tempo is usually fast but occasionally lumbers along, although rarely does the band remain in strict 4/4 time for very long. Ginn's guitar punctuates the dense mood of the music, sometimes with chords smashing through the roof and sometimes with single notes screaming for pity.

Most of the material performed by Black Flag was taken from *My War*, the



band's long-delayed new album. They did play a few of their popular older tunes, such as "Jealous Again" and "Louie, Louie" — on the latter handing over their instruments to willing members of the audience who climbed up on stage for the band's encore.

Notably absent from the set list were "Rise Above," the 80's answer to the Who's "My Generation," and the goony "TV Party," the one Black Flag song with any hope of being played on commercial radio stations. At concert's end, the crowd was as exhausted as the band, unable to muster more than a smattering of applause. Talk about shell shock.

As intense as Black Flag was in concert, their recent and frequent lineup changes have robbed the band of its continuity. The Black Flag of two years ago, with Robo on drums and Dukowski on bass, may never be matched for its energy and spontaneity. New members Bill Stevenson and Kira may someday fit into the band as well as their predecessors, but it will be an inordinately difficult task.

My War continues the band's clearly defined legacy. The songs on side one jump off the vinyl with the veracity of any of their others, with the title track and "Can't Decide" the standouts. "Can't Decide" is very personal, and exemplifies the band members' philosophies:

*The sun's coming up and
I can't decide*

*To reveal my emotions or to
keep them inside.*

*Go for a drive, go to the store,
I'm looking for something that
can't be found there.*

*I always wear a smile
Because anything but a smile
Would make me have to explain
And they wouldn't understand
anyway.*

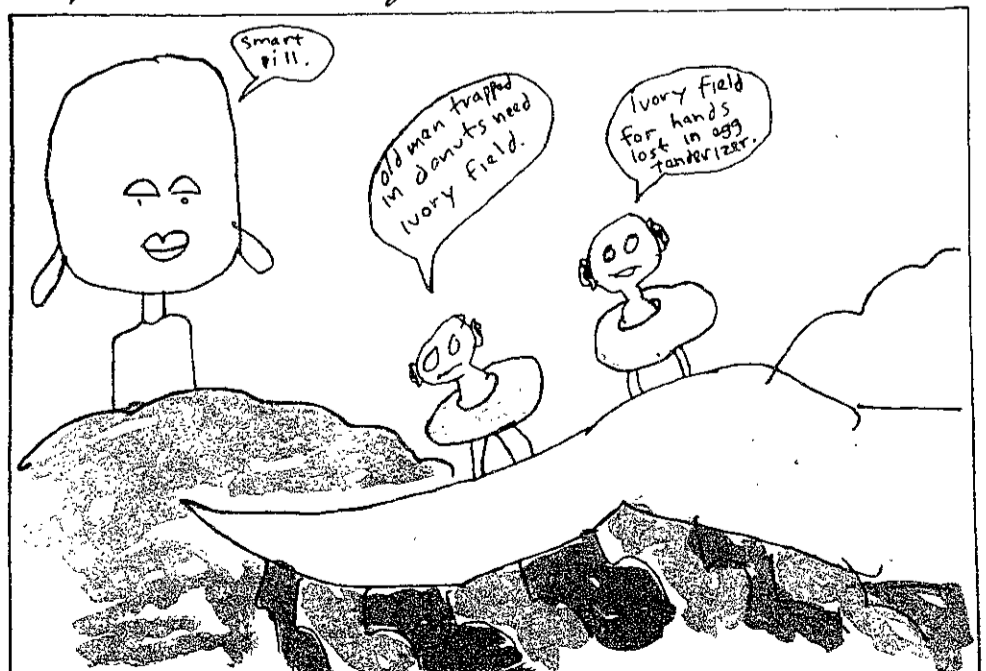
*I conceal my feelings
So I won't have to explain
What I can't explain.*

Anyway, I can't decide.

Now with Black Flag's legal difficulties resolved and, with luck, a set lineup, they are poised to embark upon a world tour and continue their planned global obliteration. If desire is enough, they will do exactly that.

Drew Blakeman

a personal message from —



the Meat Puppets

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most in the audience would hardly consider themselves part of society's mainstream.

Next to play were the Meat Puppets, a trio from Phoenix whose first album was critically acclaimed for breaking new ground in innovative guitar-bass-drum interplay within a group context. The band has become semi-legendary among punk circles, due partly to their inability to tour

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the more things change . . .

From *The Tech*, April 23, 1884:

Eighty-four's course is almost finished. In little more than a month the last '84 cheer within Institute walls will have been given, and the members of this class who have worked together side by side for four years will disperse, some of them, probably, never to meet again.

It is true that the Institute affords less amusement and social intercourse than do other colleges, but as time goes on we think that every graduate will regard the discipline of his stern *alma mater* with more favor than he does now as a student buried in its absorbing work, just as the dweller under the shadow of the high mountain does not realize its height or its beauty until he has left the shore, and sailing out into the great ocean sees the mountain loom up more grandly as he recedes from it.

The Margaret Cheney Reading Room

The Lowell Free courses gave opportunities for chemical instruction as early as 1868. In this year and during each succeeding winter till 1875, a few earnest women have sought the scientific culture they desired. This work of the Lowell courses the men were able to supplement by attendance upon the classes of the Institute. In 1875, however, the professor's private laboratory was opened for quantitative analysis to the most promising of these women; and, as the quality of their work in this branch of chemistry removed all doubt as to the ability of women for advanced scientific study, a separate laboratory was provided in the following year, to secure for the steadily increasing number of applicants enlarged facilities for work, as well as to supply the long-felt want for special accommodations. For the Women's

Laboratory to meet fully this latter necessity was impossible; in fact, well do the young ladies now at the Institute remember this time of poverty, when they were forced either to wander through halls and corridors with their wraps over their arms, or else to appropriate the backs of library chairs for hooks and pegs. But these things are of the past, they belong to the dark ages; a new era has dawned, is even now upon us.

The proposed "new building" pointed to the possibility of a realization of the long-cherished hope — a ladies' private reading-room. When it was decided that a special room should be set apart, it was the happy thought of Mr. Ross of the Corporation to name it in memory of Margaret Cheney, who had but lately died, and who had been long connected to the Institute. Miss Cheney, the daughter of Mr. Seth Cheney, the artist, was one of the class which entered the Lowell Free Course of '73-'74; and each year till her death, with the exception of those spent in travel, was she an earnest and enthusiastic student. Had she continued at the Institute a few months longer,

she would have completed the work of the chemical course.

To those who knew Margaret Cheney, the form of the memorial suggested by Mr. Ross was the only fitting one; while to those of us who have since learned something of her character, its appropriateness is apparent.

For the permanent use of the room as a women's study the government of the Institute has accepted the sum of \$1,000, subscribed by personal friends of Miss Cheney; the immediate family generously contributed funds for furnishing the room, while other friends have kindly helped fill the bookcase and cover the walls. Although the room does not invite luxurious ease, the women students here may find, under the benign protection of Diana, seclusion and retirement from the busy world around them; and at the same time better realize and cultivate the social element in their characters.

In truth, such is the sanctity which shrouds the place, that even the dauntless youth, who "Everywhere as welcome guest / Steps in with easy mind" pauses at the threshold, then turns sorrowfully away.

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notices

Announcements

Registration Material for the first term 1984-85 will be available in Building 10 lobby Monday, May 7, and Tuesday, May 8.

* * * * *

The Undergraduate Academic Support Office is making available to all departments, offices, living groups, and activities, copies of the complete updated list of freshmen (Class of 1988). The lists are available at a cost of \$4.25 in alphabetic or zip order at a cost of \$6. Orders should be placed in the UASO, 7-104, before May 16, 5:00 pm.

* * * * *

On Tuesday, May 1 join the thousands of students from across the country in registering some of the 50 million eligible voters who are not registered. The MIT Coalition for Voter Registration will meet at 2:00 in Room 447 in Student Center.

* * * * *

The Department of Electrical Engineering and Computer Science has scheduled a meeting for Course VI Juniors to discuss admission to graduate school, graduate financial aid and employment prospects. This meeting is planned for Wednesday, May at 4:00 p.m. in Room 34-100. Any questions contact Horace Smith x3-4603.

* * * * *

The 24th edition of *Serials in the MIT Libraries* is available. Prepayment is required. \$10.00; MIT staff and students, \$3.00. To order please send check payable to MIT, Office of the Director, Room 14S-216, MIT Libraries, Cambridge, MA 02139.

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SUMMER JOBS

Residential Computer Camp for girls 12-17 at Bentley College in Waltham needs counselors to assist with program, organize recreational activities, and provide dormitory supervision. Good salary plus room and board. July 6-August 4. For more information or an application write or call Janet Wadden, Patriots' Trail Girl Scout Council, 6 St. James Ave, Boston, MA 02216, (617) 482-1078 or 1-800-882-1662.

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SUMMER JOBS - Social Change work in Environmental Protection and Voter Registration. Work available in citizen outreach and fundraising with PIRGS—Public Interest Research Groups. Located in 13 states including MA, NY, NJ, CA, CT. On Campus Interviews May 3 Call 253-4733.

RESEARCH ASSISTANCE from Washington DC. Literature and data-base searching, document retrieval, telephone interviewing, FOI requests. Hundreds of libraries (including LC), NTIS, Federal agencies, etc. Satisfaction unconditionally guaranteed. \$10/hour. Martin Channon (703) 276-8402.

SUBLET HOTLINE

Want to sublet your apartment this summer? Are you looking for an apartment for the summer or all year round? Call 277-8696 or 262-0930. Serving Boston and all surrounding areas.

The **MIT Equipment Exchange** offers surplus equipment and used typewriters to students and staff at reasonable prices. Located in Building NW30, 224 Albany Street. Open Mon., Weds., Fri., 10 am - 1pm.

1984 Writing Competitions - Cash prizes for Fiction, Short Story, Poetry, Drama, Essay, Scientific and Engineering Writing, and Popular Science Writing. Open to all MIT undergraduates. Deadline: Friday, May 4, 1984 at 5 p.m. Complete descriptions and rules available in the Writing Program office, 14N-310. Any questions contact John Spillane x4741.

* * * * *

Drop Date is Friday, April 27, 1984. Last day to cancel subjects from registration.

* * * * *

Volunteer to be a **R/O '84 Institute Worker**. If you'd like to come back for R/O week to work on Institute R/O, we need you. Fill out an R/O form in the UASO, room 7-104, by April 27.

Dr. Gray will hold open hours Tuesday, May 1, from 3:30 p.m. to 5:30 p.m. Members of the MIT community may schedule a fifteen-minute appointment on a first-come, first-served basis by calling 3-4665 or stopping by the reception area in Room 3-08 on May 1.

* * * * *

The UASO is now recruiting student who would like to be associate advisors to next year's freshmen. Interested? Check with your own advisor to see if (s)he needs a new associate, or offer your services to a faculty member whom you've gotten to know. You can also apply to be assigned to an advisor. Stop by the UASO, room 7-104, to find out more and to fill out an application form.

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notices

Friday, April 27

Billy Rankin, Director of Admissions, and Tom Zion, Admissions Committee Chairman and Pediatric Neurologist, will speak about admissions decisions and candidate qualifications for **Baylor College of Medicine** in Houston, Texas, at 10:30 a.m. in E25-11. For information call x4737.

The **MIT Choral Society**, directed by John Oliver, will perform Mendelssohn's **Elijah**, accompanied by a 48-piece professional orchestra, at Sacred Heart Church in East Cambridge at 8 p.m. Tickets are \$5 for the general public, \$1 for students and seniors. For more information call 253-2906

Saturday, April 28

The Leukemia Society of America and the Pickering Wharf Merchants Association will be sponsoring the first annual **"Come Fly With Us"** kite festival to be held at Pickering Wharf, Salem, from 11 a.m. to 3p.m. Entry fee is \$2 for adults, \$1 for children under 12; prizes will be awarded. For more information call the Kite Flying Headquarters at the Leukemia Society Office at 482-2289.

Sunday, April 29

John Kenneth Galbraith, Economist and Professor Emeritus at Harvard University, will be speaking at the Leventhal-Sidman Jewish Community Center as part of an educational forum entitled, **"The Dilemma of the Nuclear Arms Race"** from 7 p.m.

to 9:45 pm. The forum will take place in the Wasserman Auditorium on the Gosman Jewish Community Campus, 333 Nahanton St., Newton.

"How to be Prepared for the Draft," an open meeting sponsored by Parents Against the Draft. The speakers will be two attorneys, Joan Zorza and Ed Santella. The meeting will be from 4 p.m. to 5:30 pm at the Union Church in Waban. For more info, contact Parents Against the Draft at 232-6060. Admission is free, and the meeting is open to anyone concerned about the draft.

Monday, April 30

"Does the Holocaust Negate God's Existence?" with Dennis Prager, author and lecturer, 7 p.m., MIT Student Center Mezzanine Lounge. Sponsored by MIT Hillel, 253-2982. Free admission.

"How to Help Your Children Cope with Divorce," a free lecture-discussion to be given by Dr. Robert Goodman, a therapist at Riverside Family Counseling. The lecture will be held at 8 p.m. at 259 Walnut St., Room 14, Newtonville. For more information call Pat Williams at 964-6933.

A **J.V.S. Summer Internship Open House** will be held for college sophomores, juniors, and seniors who want to learn about the opportunities available for summer placement, from 10 a.m. to 11:30 a.m. at 31 Chardon St., Boston. Pre-registration is required, and admission is free. Call 723-2846 for information.

Tuesday, May 1

A panel discussion on **"The Unofficial Soviet Peace Movement: Is there a conflict between the cause of peace and the cause of human rights?"** will be held at 8 p.m. in Room 9-150, sponsored by the MIT chapter of Amnesty International. Featured panelists include Prof. Victor Weisskopf of MIT, Dr. Valery Godyak, Dr. Oleg Popov, John Holman, and others.

Wednesday, May 2

Louis Cabot, Chairman of Cabot Corporation, will give a Lowell Lecture on **"Great Vocations: The Executive"** at 8 p.m. at the Cambridge Forum, 3 Church Street, Harvard Square. Admission is free.

"Italian Night at the World Affairs Council", featuring folk dancing by Gruppo Folkloristico Orsongnese, slide show with comments, Italian food, and art exhibit. 22 Battery March St., Boston, at 6 p.m. Reception/Program \$8, members \$6, students \$4. Call 482-1740 for information and reservations.

Thursday, May 3

The Lowell Lecture Series features **"Lorenzo Dow Baker: From Cape Cod Fisherman to Boston and Caribbean Entrepreneurs"** by Dr. W. Randolph Bartlett, professor of history, Cape Cod Community College. Will be held at 7 p.m. in the New England Aquarium. Free and open to the public. Interpreted for the hearing impaired.

"UNESCO: Should the U.S. Withdraw?", a debate featuring Dou Dou Diene, Director, UNESCO Liaison Office, and Rodgers A. Brooks, Roe Fellow in U.N. studies at the Heritage Foundation. 22 Battery March St., Boston, at 6 p.m. Reception/Program \$6, members \$3, students \$2. Call 482-1740 for more information and reservations.

Sunday, May 6

The second annual **Art for Heart Show** will be held at the National Fire Protection Association on Willard Street in Quincy. The event, which is open to the public, will feature New England's finest artists. Admission is \$10 and will go to support the American Heart Association's programs. Tickets may be purchased in advance or at the door. For further info call 584-0446.

The Harvard Women's Swimming and Diving Team presents the **New England Women's Mini-Triathlon** at 7 a.m. at Harvard's Blodgett Pool. This Swim-Bike-Run event will feature an 800-meter swim, a 12-mile bike ride, and a 4-mile run. Entry fee is \$15. For entry blanks, send SASE to New Mini Tri, Harvard University Dept. of Athletics, 60 JFK Street, Cambridge, MA 02139 or call 495-1989.

THE GRADUATE STUDENT COUNCIL PRESENTS:

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ATTENTION STUDENT ACTIVITIES

The Association of Student Activities is updating its files. You should have received some form in the mails, please fill them out and return them as soon as possible. The forms for the Activities Midway need to be returned by May 1st. Also, there is an important meeting on Tuesday, May 8th at 7:30 pm in W20-400.

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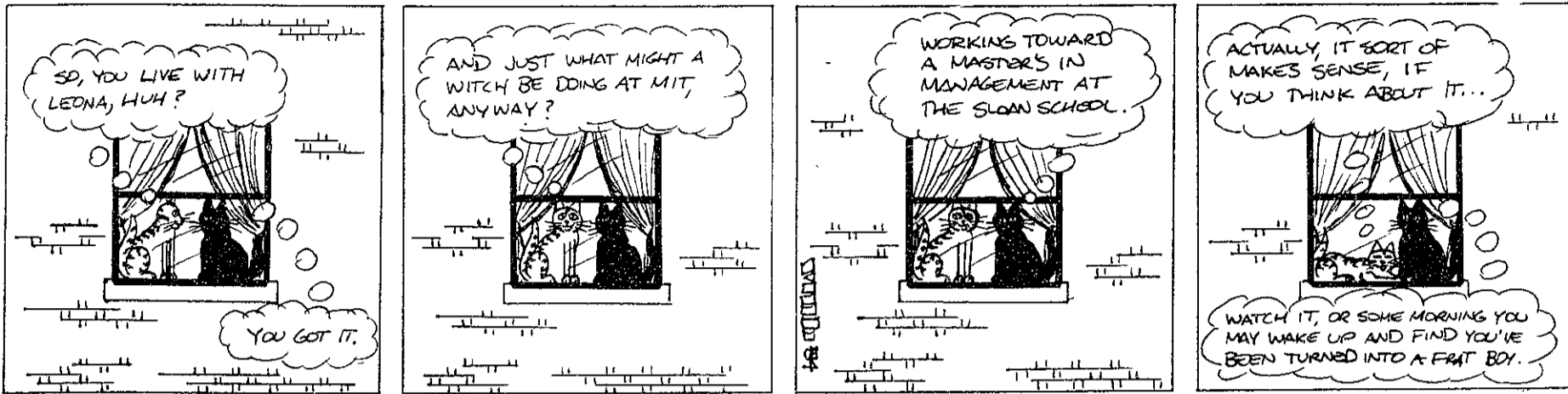
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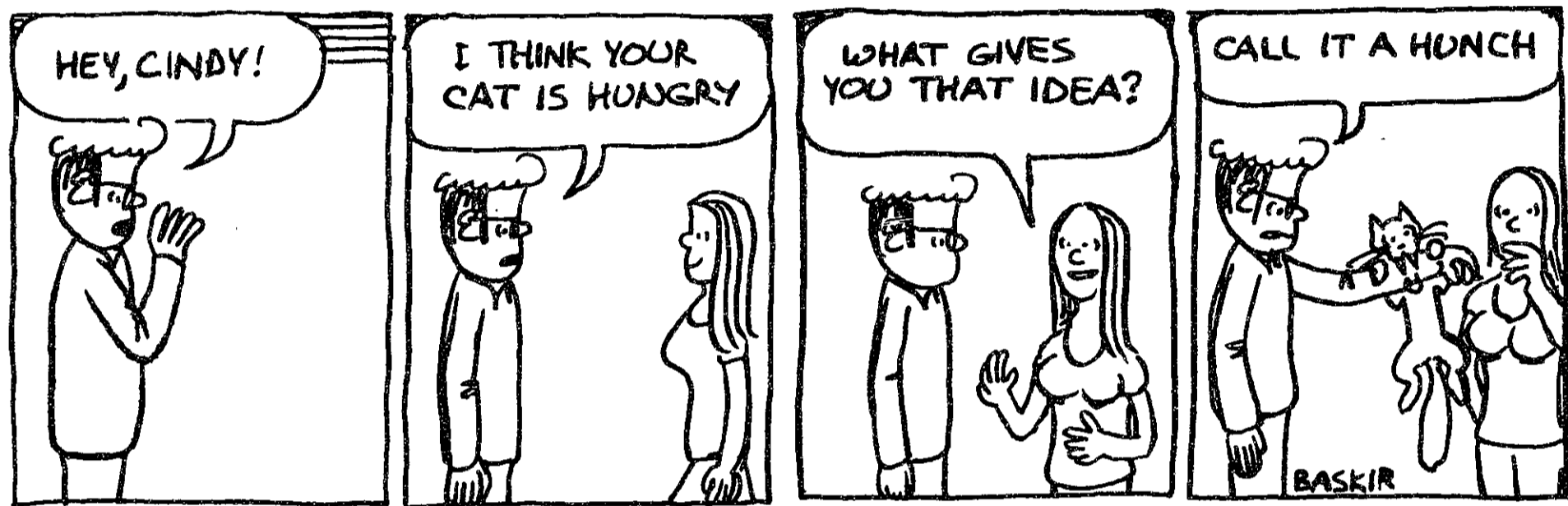


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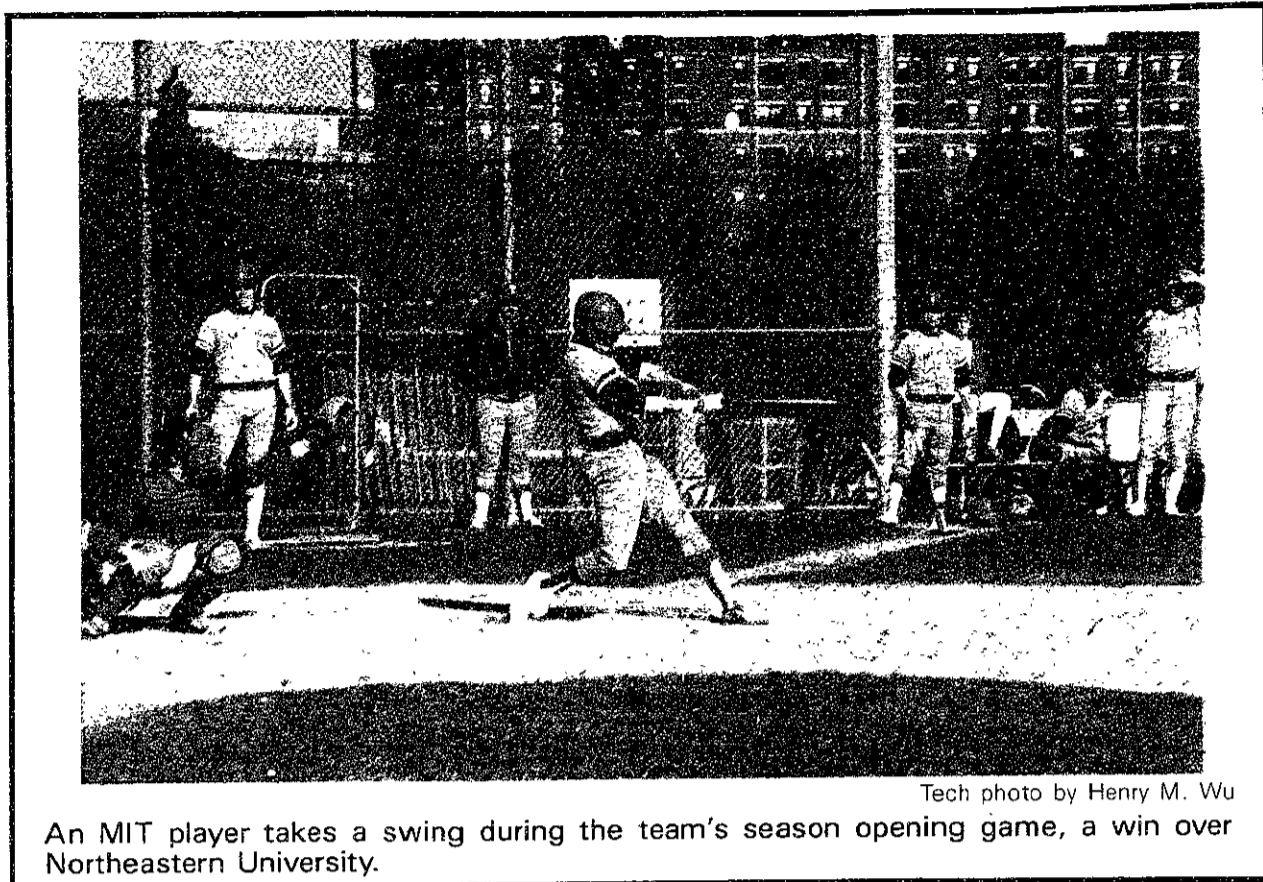
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sports



Tech photo by Henry M. Wu

An MIT player takes a swing during the team's season opening game, a win over Northeastern University.

Column/Mike Blahnik

Fourth and long for baseball

"I've got some good news and some bad news. The good news is that we scored 14 runs," said the baseball player.

"In how many games?" I asked.

"One," he said.

"Great. What's the bad news?"

"We lost by 12."

That's right, 26-14. Bates over MIT, 26-14. Wait a minute. What sport? Baseball? Yes, Baseball.

The weather was very cold and very windy — perfect for a football game. So was the score.

The game last Saturday set three school records and tied three others. Six varsity records. That's also the bad news.

There were some bright notes in Saturday's loss to Bates, which brought back memories of the Chicago Cubs' 24-22 loss to Pittsburgh several years ago. Vinnie Martinelli '85, who leads the team batting .500 with 20 hits, knocked in five runs with three hits. Craig Poole '86, Tom Hoffman '87 and Bruce Diaz '84 each collected three of the team's 16 hits, and Poole and Hoffman batted in three runs each.

O'Brien projects Hoffman to be a four-year third baseman. He is currently hitting .306, with 11 hits in 36 at-bats, including one homer.

Now back to the bad news. Were the records set during the game: most ---- (runs, home runs, total bases, home runs off a single MIT pitcher) by an opponent or most errors in a ---- (game, inning) by an MIT player (fill in the blanks)? If you chose "all of the above," you're right.

Bates inscribed new marks into the MIT record book by scoring 26 runs (on 16 hits), clouting seven home runs, and collecting 40 total bases.

The hosts tied the record for home runs hit off a single MIT pitcher as Dan Ferguson '85, who has been rocked several times this season, gave up four gopher balls.

The dubious record for most errors was tied by Mike Mountz '87. Mountz managed to commit three errors in one inning, and four overall in his two innings of "fielding." The cold weather was directly responsible for the cold fielding as Mountz is actually a fine player (a better pitcher than his 15.00 ERA indicates) and is slated to be a three-year shortstop after co-captain Dale Rothman '84 graduates.

Overall, MIT committed eight errors, causing 10 unearned runs for Bates.

Errors and unearned runs have

proved fatal to the Beavers all season. MIT, now 2-3 in the Greater Boston League and 4-6 overall since returning from its spring break trip to Florida, is averaging 3.9 errors per game, compared with 2.3 for their opponents. The Beavers' fielding percentage has dipped to .897, meaning that every time there is a fielding chance, there is a 10 percent chance for an error, which must make coach O'Brien nervous.

MIT gave up respectively seven and two unearned runs in 14-5 and 6-4 losses to Tufts, and four unearned runs in a four-run loss to the US Coast Guard Academy.

The Beavers' season thus far has been a tale of two streaks. The team roared to a 4-1 start, including wins over NCAA Division I opponents Northeastern University and Boston College. MIT then slipped into a tailspin which will hopefully reverse itself this weekend. The Beavers have lost five straight games, allowing an average of 13.4 runs in that span.

MIT plays its next home games Saturday, as the Beavers face the Worcester Polytechnic Institute in a double-header.

Pitching has been something of a sore spot for the Beavers. Although Paul Soltys '86 (1-0) and Mike Snyder '84 (0-1) have ERAs under 3.00, the meat of the staff is near 6.00 or higher.

The team ended its trip to Florida with a 1-5 record. The Beavers started the trip 0-4, losing three games to the Florida Institute of Technology and one to Trinity College. The losing streak was extended to five games with a

opening doubleheader loss 4-0 to Kent State University, but MIT came back in the second game 6-5. Martinelli cracked a grand slam in the second inning to lead MIT.

Bates destroys MIT, 26 to 14

By Greg Wolff

Wintery weather, a short center-field fence and a strong wind toward the fence, combined to produce a football-like score for last Saturday's baseball match at Bates, with MIT coming out on the losing end, 26-14.

The game was played in sub-freezing temperatures with a 30-45 mph wind. Snow flurries developed twice during the game. Coach Fran O'Brien said, "[The weather] was the worst I've seen in 25 years of coaching . . . but we had gone all the way there and decided to play anyway."

The extreme weather conditions, which made it difficult for the pitchers to hold on to the ball, resulted in an unusually high number of hits, 16 for each team. According to O'Brien, "At least four of their [seven] home runs [would have been] routine fly balls under normal conditions."

MIT had two home runs, including a grand slam in the seventh inning by Vinnie Martinelli '85. It was Martinelli's third grand slam of the season; no MIT player had ever hit three in one season. Martinelli has been

the outstanding player on the team so far this year, leading the Beavers in batting with a .500 average.

MIT had trouble in the field, a problem that has plagued the team all year, committing eight errors.

The team began the season on a promising note, winning their first three games, defeating Northeastern University, a tough Division I team, Bowdoin College, and Boston College, another Division I team. Since then, the season has been disappointing, as the Beavers have fallen to a 4-6 record.

Bates 26, MIT 14

MIT				BATES			
ab	r	h	bi	ab	r	h	bi
Rothman ss	3	3	1	Mwroska ss	5	3	3
Switzer rf	5	1	2	Bonollo 3b	6	2	2
Martelli cf	6	2	3	Mwroska lf	4	1	0
D'Christn dh	4	1	0	Gregoria lb	3	2	1
Hoeh lb	3	2	1	Carmen cf	4	5	2
Poole c	5	1	3	Mourkas dh	5	2	2
Hoffman 3b	5	2	3	Schleck 2b	4	0	0
Koh lf	3	0	1	Madden rf	3	3	2
Diaz 2b	6	2	3	Segal 2b	2	3	1
Moutz ss	1	0	0	Cambell cf	3	3	4
Shwartz ph	1	0	0	Simorian ph	1	1	0
Tantillo ph	1	0	0	Trebuiani 2b	0	1	0
Fern ph	0	0	0	Wyrman rf	1	1	0
Ferguson p	0	0	0				
Macleod p	0	0	0				
Soltys p	0	0	0				
Totals	43	14	16	Totals	43	26	16
MIT	1	1	3	1	1	0	5
BATES	4	6	2	1	0	5	3

E—Rothman, Moutz 4, Hoeh, Hoffman, D'Christina, DP—MIT 1, Bates 1. LOB—MIT 13, Bates 4. 2B—Hoffman, Mourkas, Cambell. HR—Martinelli, Hoffman, Mwroska, Segal, Carmen 2, Mourkas, Cambell, Madden. SB—Rothman, Diaz 2.

Varsity sports for this week

Today

Baseball: MIT at Clark University.

Saturday, April 28

Baseball: WPI at MIT, 2 p.m.

Men's crew (lightweight): US Naval Academy and Rutgers University at the University of Pennsylvania.

Women's crew: Boston University and Northeastern at MIT (Smith Cup), 12 p.m.

Lacrosse: MIT at Bates University.

Men's Sailing: Geiger Trophy at MIT, 11:30 a.m.

Softball: Eastern Nazarene College at MIT, 10:30 a.m.

Track: Greater Boston meet at Harvard University, 11 a.m.

Weekend

Men's tennis: New England Championships. Site to be announced.

Women's sailing: New England Dinghy Championships at Yale University.

Sunday, April 29

Men's crew (heavyweight): MIT at Syracuse University.

Men's sailing: Fowle Trophy at MIT, 9:30 a.m.

Tuesday, May 1

Lacrosse: Tufts University at MIT, 3 p.m.

Men's tennis: Hellenic College at MIT, 4 p.m.

Tuesday - Wednesday

Golf: New England Championships at New Seabury.

Wednesday, May 2

Baseball: Harvard University at MIT, 4 p.m.

Men's tennis: MIT at the University of Massachusetts at Amherst.

sporting notices

Women's tennis coach Candy Royer is offering **specialized tennis clinics** to the MIT community this summer. The four-day clinics will start on May 29 and June 25. Intermediate clinics will be offered from 1-2:30 p.m., with enrollment limited to 12 people. Students will be expected have command of the basic strokes, and will be taught proper stroke mechanics and basic singles and doubles strategies as well as other topics.

Advanced clinics will run from 4:30-6 p.m. Enrollment will be limited to 10 students who should be able to execute fundamental strokes with consistent placement. The clinic will be designed to add spin to strokes, correct techniques on advanced strokes, and practice conditioning and skill drills. Royer plans to evaluate individual strengths and weaknesses and develop a plan for improving.

The MIT Community Service Fund's Fourth Annual Road Race will be run May 5, at 9:30 a.m. The 4-mile race is open to all members of the MIT community, Wellesley College, Lincoln Laboratories and Charles Stark Draper Laboratory. The race will begin at the Walter C. Wood Sailing Pavilion and end in McDermott Court.

The entry fee is \$5 before May 3, \$6 after that date, and T-shirts will be given to all those who enter by May 3. Entry forms can be picked up throughout the community, at the desk of du Pont Athletic Center Gymnasium, and from Ron Sudoiko in the Pratt School of Naval Architecture and Marine Engineering (Building 5), room 208. The race will be sponsored by BayBanks/Harvard Trust Co., the Charles Stark Draper Laboratory, McDonald's, MIT Graphic Arts Service, the MIT Undergraduate Association, and Seilers. All donations go to the MIT Community Service Fund.

Student and community athletic groups can list meetings, activities, and other announcements in *The Tech's* "Sporting Notices" section. Send items (typed and double spaced) via Institute mail to "Sporting Notices, *The Tech*, room W20-483," or via US mail to "Sporting Notices, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139."



Tech photo by P. Paul Hsu

The MIT Lacrosse team stages a powerful drive towards the opponent's goal line during a game against Westfield State College earlier this season.