



Jessica Hirschfelder '89 throws a bouquet at the grave site marking the spot once occupied by shanties.
Tech photo by Kyle G. Peltonen

MIT solidifies plans to house graduates

By Barbara A. Masi

MIT Senior Vice President William R. Dickson '56 announced Wednesday that MIT has commissioned a private firm to study possible sites for the construction of a graduate student dormitory.

Janine M. Nell G, president of the Graduate Student Council (GSC), called Dickson's announcement "an incredible change of position." In November 1985, President Paul E. Gray '54 had said MIT did not have sufficient funds to build a new facility, she noted.

The firm is looking at the area across the railroad tracks that parallel Vassar Street, Dickson said. It is also looking at a site adjacent to the Simplex property, he continued.

Designing the building will take one year, Dickson said, and constructing it will take another two years. The facility would be ready by the fall of 1989. MIT is looking to buy more housing in the interim, such as apartments in Boston, he said.

Nell and Allen Fox G, chairman of the GSC Housing and Community Affairs Committee, told Dickson March 14 that more than 50 percent of all graduate students want to live on campus, but only 26 percent of the graduate students can be accommodated.

The Graduate Housing Reserve Fund (GHRF) will be used as the seed money for the new building. But MIT "will have to make a decision on whether it will commit general Institute funds" to make up

any difference between construction costs and what the GHRF can cover, Dickson said.

Nell said she hopes the GSC's housing petition will encourage the administration to pay for the building from general funds.

The GHRF will only be tied up for one more year in paying the renovations of Green Hall, according to Peter H. Brown, assistant dean for student affairs.

Dickson said he expects the firm to report by April 1.

Faculty to resolve on arrested students

By Barbara A. Masi

The MIT faculty will vote April 3 on a motion calling for MIT to drop charges against the eight MIT students arrested on Kresge Oval March 13.

Professor Gretchen Kalonji '80 proposed the text of the motion: "That the MIT faculty is unanimously grieved about the arrests of the eight students. That the faculty protests the decision to remove the shanties. That the Institute drop the charges and pay all legal fees."

Louis Menand III, senior lecturer in Political Science, interrupted the faculty meeting on March 19 to bring the arrests to the attention of the faculty.

"This is the first time in 14 years that there has been an arrest on the MIT campus," Menand said. "Once again, communication has been replaced by paddy wagons and police."

Menand said he was shocked by the MIT's actions toward the students and that the arrests gave criminal records to the protesters. He concluded by calling on the faculty to address the issue.

Louis D. Smullin '39, professor of electrical engineering, described the decision to remove the shanties at 6:30 am as "a knock on the door in the middle of the night."

Arthur C. Smith, professor of electrical engineering, wanted to

know why no faculty member was informed of the decision. "I don't know how decisions are carried out, but I do know that I was not told, I'm sure that the Dean for Student Affairs [Shirley M. McBay] was not told. And given that the administration knew of the faculty vote relating

to MIT divestment, I want to know why the decision was carried out to remove the shanties without any input."

Chairperson of the Faculty Mary C. Potter requested Vice President Constantine B. Simonides to answer the faculty's con-

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Protesters criticize arrests

By Julian West

About 50 students presented the MIT administration with a petition Wednesday demanding that MIT drop trespass charges against the eight members of the Coalition Against Apartheid.

The petition, which was signed by 278 members of the MIT community, stated: "We . . . demand that MIT publicly recognize that the arrest of nonviolent protesters is unacceptable in an academic setting, that MIT advise the district attorney that it no

longer considers that the eight students arrested were trespassing, and that the Institute reimburse those arrested for any . . . fees incurred as a result of their arrest."

The protest began at noon at the Student Center and then moved to the second floor of building 3. MIT Vice President Constantine B. Simonides emerged an hour after the protesters arrived.

The protesters demanded an explanation of the conduct of

campus police during the arrest of the eight students last Friday. Simonides was asked if he would drop the charges if he had the authority to do so. He said, "The students were given a warning that they were trespassing. They didn't listen. The consequences were arrest."

"In a university, things are unreal," Simonides continued. "In the real world, citizens accept responsibility for their actions. If you do something such as press charges, then undo it, legally this makes no sense."

Concern for the safety of Coalition members and members of the community at large led to the decision to remove the shanties, Simonides said. Around 180 MIT dormitory residents signed a petition calling for the removal of the shantytown, Simonides said. The administration feared that students who wanted the shanties removed would tear the shanties down themselves.

Steve Penn G, a witness to the
(Please turn to page 13)

UA, GSC condemn arrests

By Thomas T. Huang

The Undergraduate Association (UA) Council and the Graduate Student Council (GSC) called last night for MIT to drop all charges against the eight protesters arrested last week.

The UA, "distressed at the arrests of students at Shantytown," called for the administration to "do everything within its power to drop all charges against all eight students, reimburse all court costs, and issue an official statement recognizing that the students were unnecessarily arrested."

The GSC resolution stated: "Whereas, in recent years [MIT] has refrained from the use of civil authority in resolving internal Institute matters, and whereas, the termination of the nonviolent protest that was Township Alexandra was self-evidently an internal Institute matter, and whereas, the arrest and jailing of eight students during the dismantling of the shantytown was a disproportionately severe response to the situation, and whereas, the decision to remove the shanties was made without significant input from either faculty or students, therefore:

"Be it resolved by the Graduate Student Council: that this Council neither endorses nor condemns the policies or actions of any of the student groups involved in this dispute, that this Council considers the actions of the Institute in this matter to be inappropriate and unjustified, that this Council condemns the Institute's resort to the criminal justice system in this matter, and that this Council calls upon the Institute to take whatever steps are necessary to clear the legal records of the eight students who were arrested, and reimburse them for court costs."

CUP says MIT needs to broaden curriculum

By Irene Skricki

MIT needs to broaden its undergraduate curriculum, according to a report issued on March 19 by the Committee on the Undergraduate Program (CUP).

"We affirm MIT's historic commitment to a broad-based education for all undergraduates," the report stated. "[But] this commitment is not manifested clearly in the current educational program, and adjustments are needed to realize MIT's historic goals in the contemporary context."

MIT's programs need to take a longer-term view of education so that students are prepared for

"continuing self-education," the report continued. Institute requirements should emphasize general education rather than preprofessional preparation, it added.

Every MIT student "should have the opportunity for at least one close, intellectual relationship."
(Please turn to page 11)

Panel reviews HASS proposal

By Akbar Merchant

Added emphasis in the humanities, arts, and social sciences (HASS) is needed at MIT, reported the heads of several educational reform committees at a March 17 forum. Topics discussed included the proposed HASS requirements and the establishment of a College of Liberal Arts.

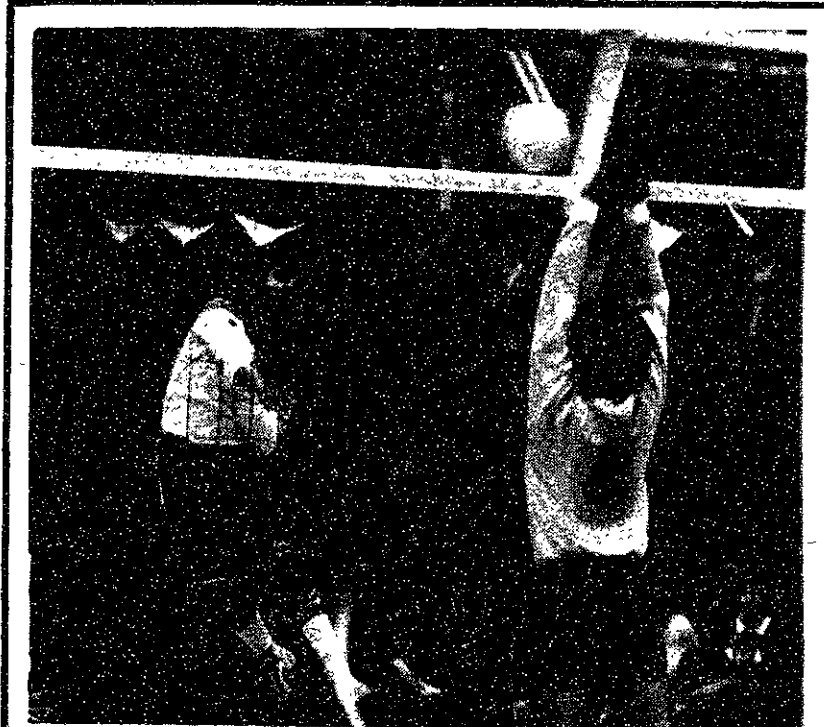
Approximately 80 students and faculty members attended this panel discussion entitled "Is it Broken?: Reforming Undergraduate Education at MIT," sponsored by the UA Council.

Leo Marx, chairman of the Integrative Education Committee, assessed the present state of undergraduate education as "lacking." He proposed the establishment of a "College of the New Liberal Arts" at MIT for students desiring relatively equal competence in science and arts. These students would choose two majors, one in science and one in arts. MIT would grant a new type of degree, a Bachelor of Science and Arts, to these students, according to the Marx proposal.

Under the status quo the arts

have a "second-class assignment" at MIT relative to science and engineering, Marx said. Not only would the establishment of this college benefit HASS faculty and majors, it would also attract many students who choose not to apply to MIT or turn down admission offers in favor of schools like Harvard, Stanford and Princeton, he said. The presence of such students, he said, would enrich the the cultural and social environment at MIT.

The purpose of the forum was
(Please turn to page 10)



Edwin Marin '89 attempts a spike during Tuesday's volleyball game vs. WIT. Story, page 15.
Tech photo by Mark S. Abinante

Faculty to vote on MIT arrests

(Continued from page 1)
cern over the incident.

Simonides said, "First, the people who put in the proposal [to build the shanties] for March 2 to March 13 didn't formally request an extension. Second, we needed to free the space for other activities. We decided that the method of declaring the students trespassers would be the least consequential and safest.

"I was part of the group with [Senior Vice President William R.] Bill Dickson ['56], [Associate Provost S.] Jay Keyser, and the Chief of Campus Police [James Olivieri] who met last Thursday evening. We heard the pros and cons of removing the shanties. I didn't go into the meeting with a set decision to do what we did. But, it appeared to be the best means of avoiding violence."

The arrests were an easy way out for the administration, Menand countered.

The arrests were the result of the students' decision to stay on the shanties, Simonides responded. "I'm willing to consider the decision and talk with the faculty and students, and MIT will have legal advice on this issue."

Keyser defended the decision, citing a Campus Police report that three carloads of young men drove up to the Oval, got out of

their cars, and gave a fascist salute. The Campus Police had been informed the group was planning to return. "I thought all hell was going to break loose," Keyser said.

The faculty members clashed over MIT's refusal to drop charges against the students.

Smullin was one of several faculty members who argued for MIT to drop the charges. He pointed out, "The upshot is that the individuals against whom the violence was perpetrated are now in court."

James L. Kirtley Jr. '67, professor of electrical engineering, was one of the few to support criminal charges against the students. "I endorse the administration's decision," he declared.

Smith said he found it fitting that while "MIT is in the midst

of a discussion of the entire undergraduate curriculum, especially concerning the humanities curriculum, that we have this event which illustrates the Institute's concern for humanitarian issues."

Menand and lawyers from the American Civil Liberties Union concluded Wednesday night that the matter is now a problem of court procedures.

If MIT drops charges against the students who will be tried before the Massachusetts Court, the state can still try the case, according to Menand. But the court probably could not prosecute the protesters without MIT's witness information, he said.

MIT's dropping of charges against the six other students would clear the students' records immediately, he added.

Summer at Brandeis University

Session I—June 9 to July 11

Session II—July 14 to August 15

- Liberal Arts
- Premedical Sciences
- Computer Science
- Theatre Arts
- Near Eastern and Judaic Studies
- Foreign Languages
- Costume Field Research in England
- Archaeological Field Research in Israel

Small classes taught by Brandeis Faculty
Information, catalog and application

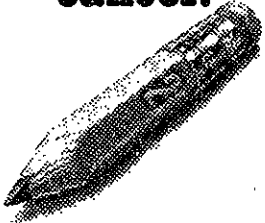
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SUMMER SCHOOL
Waltham, MA 02254
617-647-2796

Text of resolution

(Editor's note: Following is the text of the faculty resolution written by Gretchen Kalonji '80 and Jeffrey A. Meldman. The faculty will vote on the resolution April 3).

We, the MIT faculty, regret the arrest of the eight students in the Kresge Oval on Friday, March 14. We urge the MIT administration to take all feasible steps to persuade the Commonwealth of Massachusetts to terminate the prosecution of all these cases and to expunge any resulting criminal records. We also urge the administration to reimburse the students for the court costs and legal expenses incurred in these cases.

Check your chances of getting colorectal cancer.



Cancer can attack anyone. But some people live with a higher risk of developing cancer than others. If you check any of the boxes, see your doctor. Discuss with him your risks of getting cancer.

Knowing about cancer is a first step in curing it.

- Have a history of polyps.
- Have blood in the stool.
- Have ulcerative colitis.

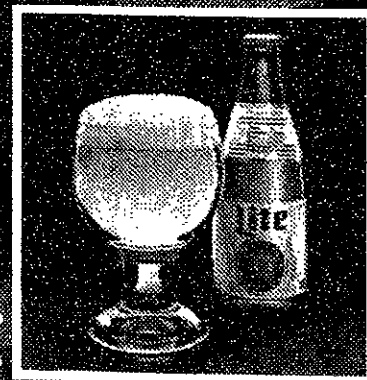
American Cancer Society

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Friends don't let friends drive drunk.

news roundup

from the associated press wire

World

Chirac named French Prime Minister

Socialist French President Francois Mitterrand named conservative Paris Mayor Jacques Chirac to be the new Premier. This is the first time in 28 years that the premier and president have come from different political parties, a situation known as "cohabitation." Chirac was premier ten years ago, but resigned because of policy conflicts with President Giscard D'Estang. (AP)

US warships enter Soviet waters

Two ships equipped with electronic sensors passed through Soviet waters from March 10 to 17 in what the Pentagon termed "an exercise of the right of innocent passage." The Joint Chiefs of staff ordered the exercise, which took place in the Black Sea off the southern Crimea, under the instructions of Defense Secretary Caspar W. Weinberger. The ships were laden with tracking, guidance and information gathering systems.

The Soviet press agency Tass said the violation of territorial waters "pursued clearly provocative aims. . . . Such violations can have serious consequences, the responsibility for which will be wholly on the United States." A White House spokesman said the tour was not meant to be provocative.

Pentagon officials said the exercise was intended to back President Ronald Reagan's request for increased military spending next year.

The Pentagon plans a similar maneuver in the Gulf of Sidra off Libya next week, which is intended to assert the right of free passage in international waters. Libya considers its territorial waters to include the entire gulf, a claim the United States does not recognize. (The New York Times)

South African violence continues

Police reported two stabbing deaths Wednesday night after black factional fighting in a township near Cape Town. Three others were seriously injured in Cape Province when they were set on fire. (AT)

New Philippine constitution drafted

The new Philippine government has drafted a constitution which would abolish the National Assembly and give President Corazon Aquino all lawmaking powers. The constitution would also prevent courts from questioning her decisions.

The United States is negotiating with Panama permanent asylum for former Philippine President Ferdinand Marcos. Marcos has been refused asylum by several countries. (AP)

Nation

House defeats Reagan's Nicaraguan aid proposal

The House of Representatives yesterday voted 222 to 210 against President Reagan's request for \$100 million in aid to Nicaraguan rebels. Faced with a likely defeat of the proposal, Reagan Wednesday said that aid would be limited for 90 days while negotiations for a settlement were pursued.

Reagan called members of the House yesterday morning in an attempt to sway them to vote for the aid package. House Democratic leaders managed to gain a majority of opposition by promising a new round of votes on April 15 on alternative forms of aid to the Contras. Most Democratic leaders agree that some form of Contra aid will eventually be approved. The Senate may delay its vote until after Easter recess. (AP)

Reagan administration plans to cut federal research funds to universities

President Reagan proposed to divert hundreds of millions of federal dollars from university research over the next few years as part of an attempt to shrink the budget deficit. The most serious cut is the application of a fixed rate of 26 percent for the reimbursement of a university's indirect costs of research. According to the Office of Management and Budget, overhead costs amount to \$1.7 billion, or 46 percent of government sponsored research. The plan, which becomes effective April 1, has received criticism from universities and some members of Congress. (The New York Times)

Treasury will introduce new currency design

The US Treasury department announced Tuesday its plan to change the United States paper currency which will help to foil counterfeiting efforts. The change is needed because of the development of new color detail copiers which would encourage the "casual counterfeiter" to copy money.

The new money will have two features. The first is a legend bearing the currency amount — known as a "security thread" — which can be seen when the bill is held up to the light but cannot be copied. The second security measure will be tiny lettering around the portrait which is too small to copy. The Treasury Department is considering holography as a long range device for stopping counterfeiters.

Reagan and Mulroney endorse plan to limit air pollution

President Reagan and Canadian Prime Minister Brian Mulroney approved a five-year \$5 billion joint program to curb atmospheric sulphur and nitrogen oxides and develop a "clean coal" technology. Half of the funds are to come from private industry; the Reagan administration is committed to come up with the remainder. In backing the plan, Reagan reversed his stance that acid rain might stem from natural causes.

Reagan and Mulroney also signed an extension of the North American Aerospace Defence Command air defense pact Wednesday. The agreement, which has been in effect since 1958, integrates US and Canadian early warning and air defense systems. Mulroney was in Washington as part of his annual meeting with Reagan.

Canada also accepted an invitation to participate in the program to build a permanent space station by 1995. It will spend \$600 million to build a mobile servicing center. The facility will weigh 8¼ tons, and will be equipped with two remote manipulator arms, similar to the Canadarm aboard space shuttles. (The Globe and Mail and The New York Times)

"Star Wars" may be here sooner than expected

Director of the Strategic Defense Initiative system, Lt. Gen. James A. Abrahamson '55, told NATO defense ministers that the United States may be able to deploy the missile defense system before the early 1990s because of "great progress" in research and development of the system. (AP)

Pell Grant increase clears the Senate

A senate committee yesterday passed legislation introduced by Senator Claiborne Pell (D-RI) to increase the maximum Pell Grant for students with at least a "C" average. The legislation would raise the amount a student can receive to \$3200 annually. (AP)

Local

Galvin leaves 8th CD race

State Rep. William F. Galvin (D-Brighton) last week became the second candidate to drop out of the Eighth Congressional District race. Galvin declared his plan to seek a seventh term in the Massachusetts House. Galvin said part of the reason for dropping out was that both he and Joseph P. Kennedy II "were going after the same voters."

Galvin praised Rep. Thomas M. Gallagher (D-Allston), Sen. George Bachrach (D-Watertown) and James Roosevelt Jr. of Cambridge. "Any of them would be a more than worthy successor to Speaker [Thomas P.] O'Neill. Galvin criticized Democrat Albert L. O'Neil, who does not live in the eighth district.

Rep. Thomas J. Valley last week became the first candidate to drop out of this crowded race. (The Boston Globe)

Amy Carter, others arrested in protests in front of IBM

Amy Carter and 13 other students in Providence, RI were arraigned yesterday. The students were arrested Wednesday on trespassing charges for an anti-apartheid protest in front of the International Business Machine Corporation's Providence office.

At the arraignment, an attorney for IBM asked the court to drop the charges. The case will be continued for two weeks. (AP)

Compiled by Ben Z. Stanger

1986 NCAA Basketball Championship

Regional Semifinals

Regional Finals

Duke
Tonight
DePaul

Cleveland St.
Tonight
Navy

Kansas
Tonight
Michigan St.

NC State
Tonight
Iowa State

LSU
Tonight
Georgia Tech

Kentucky
Tonight
Alabama

N. Carolina
Tonight
Louisville

Louisville
Tonight
Auburn

Auburn
Tonight
UNLV

LSU 70-64

Kentucky 68-63

Louisville 94-79

Auburn 70-63

Meadowlands (Sun)

Kansas City (Sun)

Atlanta (Sat)

Houston (Sat)

Final Four

Dallas (3/29)

Dallas (3/29)

National Championship

Dallas (3/31)

Tech graphic by Julian West

Weather

The Big Chill

The first full day of spring will be more like a mid-winter's day. Cool high pressure over the south eastern United States will give us a northwesterly flow of air through Saturday. As a result, chilly temperatures will continue through the period with highs 5 to 15 degrees below normal. For those of you travelling, expect scattered showers in the Pacific Northwest and in central and southern Florida. Elsewhere, the weather will be fair with the warmest temperatures west of the Mississippi.

Friday: Partly cloudy and cold. High 30.

Friday night: Clear and cold. Low 22.

Saturday: Sunny and milder. High 42.

Sunday: Increasing clouds. High 45.

Forecast by Michael C. Morgan

opinion

Column/Julian West

Vegetarian courses should be available

Yesterday, campus cafeterias offered a vegetarian entree in addition to the usual meat dishes. Otherwise, patrons of Lobdell and Walker might never have known that Thursday, March 20 had been designated a "meatout day" by the Farm Animal Reform Movement.

The goal of the day was to spread information about how healthful, easy and enjoyable a vegetarian diet can be. Adventurous diners who ordered the excellent stuffed peppers might have been pleasantly surprised. Some may even consider experimenting with a vegetarian diet some or all of the time.

They should know that vegetarianism, in addition to the benefits to the individual, is beneficial to all people and animals. The average North American is responsible for the deaths of several sheep, a dozen cows, 30 pigs and 1000 chickens. These deaths are made acceptable by distance; most people are never made aware of the appalling conditions which exist in feed lots.

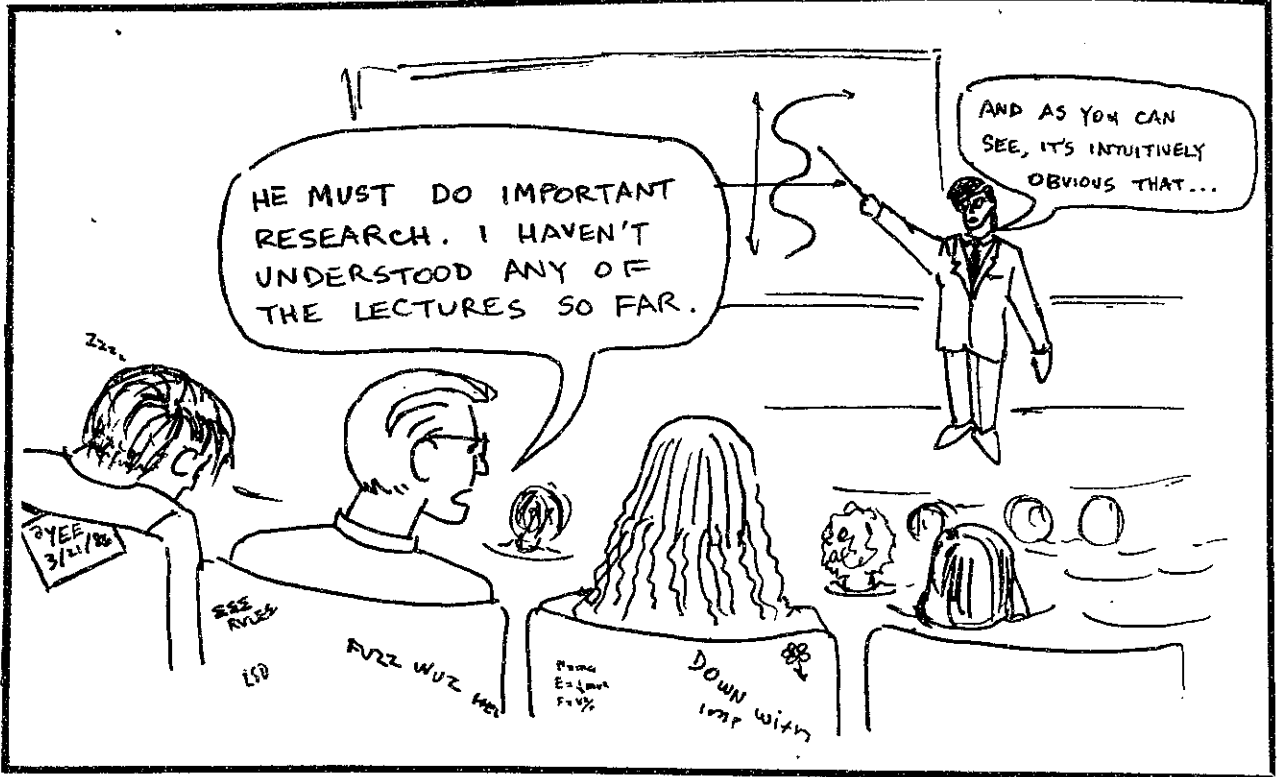
Far worse than the exploitation of innocent animals, however, is the effect which a meat-based culture has on world resources. It requires 15 pounds of grains to produce one pound of beef. Simply put, this means that grains which could feed the poor are instead being fed to cattle who are doomed to become delicacies on western tables.

There are many excuses for not switching to a vegetarian diet. Two popular ones are that it is difficult to obtain quality protein and that prepared vegetarian meals are not widely available. The latter is a particularly convincing argument for students on required meal plans.

MIT is in a position to address both of these issues. At least one cafeteria on campus should offer a vegetarian selection every day. If yesterday could be considered a test marketing, it was a successful one; the vegetarian entrees were popular with pennywise students. A meal prepared properly by food services would contain a complete combination of proteins, so that students not used to cooking would not have to worry about their vegetarian fare. It would also enable students who must eat at the cafeterias to experiment with vegetarianism.

Yesterday's effort at providing vegetarian food for one day of the year was a very limited gesture. It treated vegetarianism as a minor deviation which might deserve one special meal a year, much like, for instance, a St. Patrick's Day dinner. This effect denies the reality of vegetarianism as a movement for good which is important and gaining in popularity. Vegetarians are aware that, in the long run, we must abandon our immoral, wasteful and unhealthy dependence on animal products.

Such social changes are not impossible. For instance, North America and Northern Europe are in the process of moving from societies in which smoking was universal among adult males to one in which smoking is frowned upon. Social changes are possible, and universities are the ideal places to experiment with them. In a sense we have a utopia here, a closed society stocked with people who are intelligent, progressive and willing to try new experiences. We have the ability, and perhaps the obligation, to create mature and novel rules for ourselves. Potentially, they could spread to the society at large.



feedback

Attack corporations, not MIT

To the Editor:
I am distressed that the push to get MIT to divest becomes almost as much an assault on MIT as on apartheid.

The arguments for divestment are presented as if the issue for MIT is as simple as the issue of apartheid. It is not that simple and the reasons why are not shabby reasons.

Consider the companies whose stock MIT is asked to sell. The protestors seldom list the companies but I am guessing one of them is General Motors (GM). GM is certainly in South Africa, and MIT almost certainly has GM stock.

But if GM is one of the companies, the stock MIT holds is only one of many connections between MIT and GM. If institutions can be friends, they are old friends. The Sloan School was endowed by an MIT engineer who helped to make General Motors a great company. There is also the tie of the Sloan Automotive Lab.

General Motors provides funds for research at the Sloan School and in engineering, and there are undoubtedly students who have assistantships paid for out of these funds. Other students have GM scholarships and still others are or have been GM employees. Large numbers of alumni work at GM and many students hope to work there.

This is not all. There is a Sloan fund, for example, which provides research support to young faculty, who do not have enough of a reputation yet to get outside

support. One would find the same sort of close relationships if one looked at other companies on the divestment list. Are the protestors saying that it is only ownership of shares that matters? What about the whole relationship? The companies will ask the question. So should the protestors.

Instead of seizing on MIT as the lever to get the companies out of South Africa — a lever which is so simple that one does not even need to know the names of the companies — the protestors should tackle the companies directly (remembering that even the companies are not South Africa).

If one objects to GM's presence in South Africa one should refuse to buy a Chevy or a Pontiac (new or used). If one doesn't need a car just now, look for the

companies which are producing things that one does need.

I understand that MIT has shares in only 50 companies doing business in South Africa, out of over 200 American companies doing business there. And a protest against companies in South Africa should not be limited only to American companies. For example, Toyota is as guilty as GM if it has a factory there. If it has avoided the problems of owning a factory, it surely has South African dealerships.

The protestors should be fair to MIT and boycott the companies themselves. If they want to be absolutely honest they should think how they can boycott all of them. Don't pick on MIT to carry the burden.

Robert K. Weatherall
Director, Office of Career Services and Preprofessional Advising

We should treat AIDS cases with compassion

To the Editor:
During 1979, the AIDS virus infected an average of seven people each day. Today, the AIDS virus infects more than 1000 people each day. Of the 1000 people infected each day, at least 300 will develop AIDS. Ninety percent of the victims are between the ages of 20 and 49. The average lifespan of a person diagnosed with AIDS is 56 weeks. No one diagnosed as having AIDS has lived longer than five years. Presently there is no cure or vaccine.

According to the Harvard Medical School Health Letter, "For every person in the United States who has AIDS or one of the related conditions, there are 40 to 50 people who are carrying the virus but do not know it." People with the AIDS virus can spread AIDS even though they do not have AIDS themselves.

An estimated one to two million Americans are currently infected with the AIDS virus. The National Cancer Institute in Washington has found that one-

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The Tech

Volume 106, Number 14 Friday, March 21, 1986

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opinion

feedback

Abortions are murder of innocent fetuses

To the Editor:

On Sunday, March 9, a pro-choice rally was held in Washington, DC. The spirit of the rally was to support the "right" of women to safe, legal abortions and birth control. It could be said that the rally actually supported the "right" of women to kill their own unborn children just because they went through an unwanted pregnancy or because they "decided" not to give birth.

Abortion is not a matter of women's right. It is simply the killing of an innocent baby, who, because of being in an early stage of development in his/her mother's womb, is completely helpless.

Some people like to talk about a woman's right over her own body, but maybe they forget that the unborn child is not a part of his/her mother's body. This baby is a different body and a different human being from the first moment of conception — this fact is strongly supported by biological studies.

The question is not then about legal or illegal abortion; the fact is that abortion is always murder, and there can be no law to justify it. It is not a problem of Catholics or non-Catholics; it is only a problem of ethics that concerns every person.

It scares me to think about a kind of society able to decide, on its own terms, which of its members have the right to survive and which do not. It is very well known that adoption is always an alternative to undesired pregnancies instead of a "safe, legal abortion" or a "back alley abortion."

There are many cases in which abortion could sound as a "humanitarian" solution to certain problems. Let us take the case of unborn malformation. If one thinks that men and women are made of body and soul, because of a malformation in the body of a person, the right to develop his/her own soul and to live, cannot be denied. At the present time, when so many means to help handicapped people are developed, nobody can think, not even for a moment, to separate these people from society just because they are not like the "average" person.

What about the case of rape? In this case the unborn is the child of a criminal, but nobody can be judged by the crimes committed by his/her own father. The abortion in this case only contributes to increase the psychological troubles caused in the

mother, who besides the emotional disorders of a rape, has to carry on the emotional disorders of an abortion.

What about the risk to the mother's life? Besides that this is an extremely unusual case, it can be said that no one human life is more valuable than another. Thus, there is only a superior and creator being, God, who is responsible for our life in an issue like this — abortion — the moral aspect cannot be separated from the simple biological one. Men and women were created by God and are called to be ordained towards Him. Only He, in the last instance, is the one who can decide about human life.

The Catholic Church represented by her head — the Pope — and in each country by the respective Episcopal Conference, strongly defends the right of life, which has to be the right of every human being, including the unborn baby. One cannot deny this truth and take advantage of the helplessness of an unborn baby to take away from him/her the right to live. The Catholic Church is not supporting this right of life through caprice; she is the deposit of God's teachings, and she cannot change it. What was evil from the beginning of humankind is still evil today, and since the truth is only one, it cannot be changed.

Jorge Alejandro Mohamad

Arrest of apartheid protesters was just

To the Editor:

The Coalition Against Apartheid, after two weeks of outrageous actions, is now making outrageous statements. Matthew Bunn '83 ["Students' constitutional rights were violated," March 18], Michael Levine '87 ["Students in shanties were not forewarned," March 18] and Scott Saleska ["MIT's action disappointing," March 18] write indignantly about their curtailed rights, referring to MIT's removal of the shantytown on Kresge Oval. In fact, it is quite the other way around — the administration was considerate and acted in the interest of the community when it removed the structures. The Coalition was acting immorally, at the finish, not the administration.

One common thread of the gentlemen's protests is that they were denied their rights to free speech and freedom of assembly by MIT's action. Hogwash. For 12 whole days, the Coalition occupied Kresge oval, distributed fliers, put red tape down the Infi-



feedback

MIT faculty will discuss Oval arrests

To the Editor:

We are writing in the spirit of opening further the lines of communication between students, faculty and administration after the events of last Friday. As many of you may know already, we have received a number of requests, including a petition from members of the community and a proposed faculty resolution asking that the charges against the eight individuals, including seven MIT students, be dropped and that MIT pay court costs.

Before considering these requests, we are seeking legal advice on the courses of action available to MIT. We have also received a variety of comments and suggestions from members of the MIT community and expect that these will continue to reach us and encourage all of you to contact us should you wish to do so.

A number of lessons can be learned from this experience, including the need for more collegiality and better communication

within the community about issues that touch all of us. There will be a special faculty meeting called by the Officers of the Faculty after the Spring Break which will provide another opportunity to continue the discussion.

Samuel Jay Keyser
Associate Provost

Mary C. Potter
Chairperson of the Faculty

Constantine B. Simonides
Vice President

nite Corridor and elsewhere, held rallies, and finally, was allowed its say in a campus-wide vote on the subject. This is quite a lot of speech and protest. The Coalition cannot seriously claim it was not given a chance.

Levine claims he and his associates were arrested "defending our right to protest in a non-violent manner that disturbed very few people." They were arrested because they were occupying property in defiance of the wishes of its owner (MIT), who, furthermore, wanted to restore it to public use. Trespassing after notice is, indeed, a crime, and that is why the arresting was done. It was just.

Furthermore, Levine's claim that the shanties disturbed few people is ridiculous. Graffiti covered shacks on an otherwise clean green? The group was trying to be obnoxious until the MIT community conceded to its wishes. Its goal was to disturb people. However, coercion is not its right.

Note that after the referendum, a Coalition spokesman claimed that the majority was too small, and that the shanties must remain until the student body showed more support.

Certainly the group members did not intend to advance more arguments — 12 days was sufficient to explain a lot. Therefore, they intended to simply coerce the MIT community — "agree with me or you can't have Kresge back." That is not calm, free speech, that is force.

Saleska says that at Dartmouth (where a similar incident occurred), "right wing thugs" took down the shanties. Let's finish the sentence: "only after left wing thugs had seized the ground and put them up." Whatever happened to pickets and petitions? That may not always work, but they are the mechanisms of a civilized society. Think of why vandalism is immoral — no matter how noble your cause, you have no right to deface other people's property.

Worse, speaking of coercion, Saleska writes of President Paul E. Gray '54 walking around with a bodyguard and claims that it reflects poorly on the administra-

tion that he does this. It reflects terribly on the Coalition that he needs to do this! The action means the administration expects violence directed at its members — clearly not just free speech, or even protests!

Levine also protests: "Clearly my safety was being threatened by their actions" as Physical Plant workers removed planks from below his perch. Sir, your safety was threatened exactly because you climbed onto a building which was being demolished. That was your choice.

I am not going to address the issue of divestment, itself. Of course, apartheid is bad. Divestment may or may not be the best thing we can do to end it, but that is not my point. My point is that the methods of this relatively small group of students (the occupiers, not the voters) are inappropriate. The MIT Corporation is an independent body. Students are welcome to try to convince it to take particular actions, but only by legitimate means.

"Freedom of speech" means you may say what you want, but you are not welcome to seize or deface property. "Freedom of as-

(Please turn to page 6)

TEP fraternity's party theme is crude, obscene

(Editor's note: The Tech received a copy of this letter to Tau Epsilon Phi fraternity.)

An open letter to TEP fraternity:

On Friday an announcement for a party given by the TEP fraternity was posted in MIT's halls. The fliers advertised a "split beaver" party. I know perfectly well that MIT's mascot is nature's little engineer. I also know that a split beaver has very little to do with building dams and slapping a tail to cry "timber."

I have a sense of humor, but a split beaver party just isn't very

funny. You of TEP fraternity, imagine how it feels to be vastly outnumbered. Ask yourself how you would feel if an organization gave a "cock and balls" party, and there weren't very many sets around. I'd bet you wouldn't be too amused, either.

The women here are in a small minority. It makes both men and women more sensitive to gender than we would be in another setting. Please respect that, and think twice before you take our mascot's name in vain again.

Alice Outwater G



opinion

feedback

Random honors Mandelas

To the Editor:

During the most recent house meeting, the students of Random Hall conferred honorary house membership on South African resistance leaders Nelson and Winnie Mandela. Although we, the Random residents, may not all agree that the system of apartheid must be eliminated, we wish to recognize the leadership of the Mandelas and others in South Africa and to support the movement which struggles to bring

equality to all of the residents of South Africa.

Just declaring support is not enough. The residents of Random are taking up a collection from individual members of the dormitory to be donated in the name of the house to a South African group which is demonstrating to end apartheid.

We call on other dormitories, living groups, and student activities to pass similar resolutions, declaring support for anti-apartheid efforts and for the South

African people as a whole, and we hope they will buttress their statements with donations which will help end the oppression. We know that these actions will not cause the overnight elimination of apartheid, but we hope that they will send a message to the government of South Africa: the people of the United States and the rest of the world demand the end of apartheid.

Andrew MacDonald '88
and 37 Random Hall residents

Student arrests were harsh

To the Editor:

I write to expound on my feelings surrounding the forced removal of Alexandra Township from Kresge Oval and the arrest of eight students there last Saturday morning.

Allow me first to congratulate *The Tech* on their timely reporting of this grave matter. This comes from someone who has been relatively critical of the newspaper with regards to its reporting of the Coalition protests, and it comes from the heart. It was a great job.

I am not writing in order to enter the debates about apartheid, or divestment or student activism that have been raging in your editorial pages for the past week. I have only been peripherally involved in the issue and do not feel qualified to comment on it. I understand that there are a myriad of genuine arguments which might support the removal of the shantytown from Kresge Oval and a host of responses in support of its continued presence. My aim is not to evaluate those claims.

I write to express my outrage at the administration of this university about the means that they chose to clear Kresge Oval. After a general criticism was leveled at the students who participated in the unruly demonstration against the MIT Corporation, the administration mounted what amounts to a subversive and clandestine operation to rid themselves of "the student activist thorn." This type of behavior has a very simple description — hypocrisy. We have witnessed a planned campaign, executed with military precision out of the public view, to stifle student initiative.

I view this action on the part

MIT Coalition was immoral

(Continued from page 5)

sembly" does not include trespassing. Remember "the pursuit of happiness?" Well, the Coalition's tactic was to interfere deliberately with other students' happiness, in the form of a pleasant Kresge Oval, until the other students and the MIT Corporation conceded to the Coalition's demands. That is unacceptable as a tactic, no matter what the issue. It should be consigned to a graveyard, such as the mock graveyard now on . . . Kresge Oval.

Walter D. Harris G

of MIT as a throwing down of the gauntlet. If subversive action is to be a part of vocabulary for the effect of political expression at this institution, so be it. Clearly MIT, through its actions, has endorsed that the political battle to be fought here is an activist one and has closed off its option to criticize students for activist initiative. I find this most regret-

table, as I had hoped that a settlement negotiated in a civilized manner would be possible. That option may have been closed. My heart has been captured by the Coalition Against Apartheid. I know that the arrests cannot have been much fun. I think it is time for me to dig up a black armband somewhere . . .

Stephen Genn '86

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opinion

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"Imelda had 3,000 pairs of shoes?!"

ATTENTION SENIORS POSITION AVAILABLE IN THE ADMISSIONS OFFICE AS AN ADMISSIONS COUNSELOR

The Office of Admissions is now accepting applications for the position of Admissions Counselor. This is a one year full-time position beginning in July, 1986 (some flexibility is possible). Duties will include:

- conducting questions and answer sessions
- interviewing prospective applicants
- visiting secondary schools
- coordinating MIT student involvement in admissions
- reading applications
- participating in admissions committee decisions

Applications for this position are available from Lynne Gemma in the Admissions Office (3-108) and should be returned to her no later than April 4, 1986.

feedback

AIDS offers challenge for all

(Continued from page 4)

third of a group in New York City who showed signs of exposure to the virus in 1982 have since developed AIDS. Barring any unforeseen medical breakthrough, at least 300,000 Americans will contract AIDS in the coming five years. This is six times the number of Americans killed in combat during the Vietnam War.

AIDS relentlessly destroys the human body's immune system, leaving the victim prey to a number of infectious and eventually fatal diseases. Some symptoms of AIDS are persistent swollen glands, headaches, recurrent fever, night sweats, fatigue, weight loss, and a dry cough.

AIDS is not a Gay Plague. Available evidence indicates that AIDS is transmitted from person to person through blood, plasma, body organs, tissue, and semen.

In the homosexual community, the virus is spread through semen and the rectal bleeding that often accompanies the trauma of anal intercourse. The multiplicity of sexual partners has hastened the spread of AIDS in the Gay community.

However, homosexuals do not comprise the entire high risk group for AIDS. Other high risk groups include bisexuals, intravenous drug users, recipients of blood products and body organs, prostitutes, and sexual partners of all these individuals. The last category appears to be AIDS "portal of entry" into the homosexual world.

The virus is transmitted from infected male to female primarily through the semen. The virus has also been documented to be spread from infected woman to man. A possible method of transmission is thought to be the woman's vagina from either her menstrual period or an abrasion.

Infected prostitutes are believed to be rapidly spreading the AIDS virus into the heterosexual population. The Chicago Health Commissioner recently revealed that: "All persons who utilize the services of male or female prostitutes are at risk of contracting AIDS."

In Africa, 10 million Africans are infected with the virus. The primary means of transmission is believed to be heterosexual contact. The ratio of male to female African AIDS virus victims is about 1 to 1.

In the United States, the average AIDS patient spends a total of 167 days in the hospital at a cost of \$147,000. This cost is usually borne by the state and federal government. Therefore, treatment for the 300,000 future AIDS patients could cost us, as

American taxpayers, \$42 billion in 1990.

In spite of these facts, Congress has allocated only \$238 million for AIDS research for the 1986 fiscal year. More alarming, the president's 1987 proposed AIDS research budget asks for \$195 million, \$43 million less than the 1986 allocation.

Many of our nation's leaders are afraid to confront the AIDS challenge for fear that their own sexuality and morality might be questioned. The "epidemic of fear" that AIDS engenders includes fear of recognizing AIDS or openly helping AIDS victims.

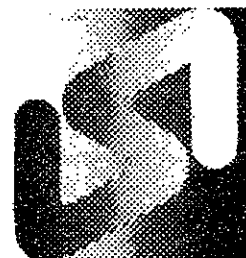
We courageously ask our elected officials to enact a massive AIDS public education cam-

paign. Presently, education is the best vaccination. Also, we must ask this Administration and Congress to have the fiscal wisdom to allocate a multi-billion dollar appropriation for AIDS research this year. Research discoveries may prevent Americans from being saddled with the looming \$42 million AIDS medical bill.

By acting with courage in the face of the AIDS challenge, we will protect the lives of millions of American citizens and the productive and financial resources of our country. By showing compassion to the AIDS victims of today, we will prevent ourselves from being personal or economic AIDS victims of tomorrow.

Daniel McCann Duffy

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Arts

Arts

Well met in the laundrette

MY BEAUTIFUL LAUNDRETTE
 Directed by Stephen Frears.
 Opening today at the Nickelodeon.

By JULIAN WEST and JONATHAN RICHMOND

YOU might not expect a movie about a homosexual Pakistani laundromat operator to be a massive success, but "My Beautiful Laundrette" has been breaking box-office records in Britain, and is a hit in New York as well. The film — originally intended for television — was made on a shoestring budget, so don't expect a cinematic masterpiece. What you can expect is a fine character study, and a glimpse of a class of people who are growing in importance, but not well understood.

"Laundrette" provides a close study of the life of London's large Pakistani immigrant community, and its relationship with racist working-class youth. The Pakistanis develop businesses and thrive on them; the out-of-work whites take out their jealousies on them.

Gordon Warnecke — in his first screen appearance — plays the film's central role, Omar. We see him in his ailing father's run-down apartment, then his shift to a job working for his uncle, laundering cars, clothes and money, and falling in love with his childhood friend Johnny (Daniel Day Lewis).

Director Stephen Frears develops this unlikely relationship between a Briton who despite the advantage of a white face, is going nowhere, and a Pakistani on the rise in his adopted land, "this dear country which we hate and love." Johnny formerly hung out with a bunch of Paki-bashing thugs. After Johnny throws in his lot with Omar, they ask him "why are you working for these people? They come over here to work fo' us." When Johnny tells that "[Crystal] Palace [football club] ain't my team" any more, the little Englanders retort "I bet you don't even support England

any more." The strains between Johnny and his background make telling footage, and Omar's struggles within his own community make for probing psychology, too.

Omar gets a little too involved with a smooth and manipulative relative, Salim (Derrick Branche), who collects modern Indian art and illicit videocassettes. But Omar learns from him and — by cheating him in a drug deal — gets the money necessary to do up the money-losing laundrette his uncle has entrusted to his care. A laundry palace called "Powders," emerges (the name a backhanded acknowledgement of their source of capital). With superb irony, "Land of Hope and Glory" is playing over the stereo system as the Grand Opening takes place.

There are several carefully-drawn character studies. The conflict between Omar and his father (Roshan Seth) a Socialist, who puts education for his soon above the gratification of money, is as illuminating as the schism between Johnny and his former mates. The trains run by outside the sleazy flat, carrying memories of Omar's mother, who threw herself under a train, and of dreams of an illusory charmed life in a new land.

Rita Wolf plays Omar's cousin, Tania, a rebel against her family's traditions. There is high comedy as she bares her breasts to Omar through the living-room window, unseen by the other stereotypical conformist males in the room.

There are many memorable moments on film. The superposition of Johnny's face on Omar's reflection removes, for a moment, their superficial differences and underscores their partnership. The scenes of racial violence, which finally erupt into the foreground, are cleverly understated by placing the observer safely behind a pane of glass. The silence and slowness of the violence, of which Johnny, as a "traitor" bears the brunt, thus only serves to underscore its horror.



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Arts

Arts

Student Chorus makes debut in Kresge

MIT STUDENT CHORUS
Kresge Auditorium, March 19.

By JONATHAN RICHMOND

JOHN OLIVER'S new MIT Student Chorus showed some signs of promise in their debut appearance in Kresge Auditorium on Wednesday night. They were often wonderfully balanced, and at times expressive.

Their program was challenging, and *Trois Chansons de Charles d'Orléans* by

On the Town

Friday, March 21

The Dance Umbrella will present "...An Hour Upon The Stage," performed by a Boston company, the **Dance Collective**. New choreography as well as old favorites will be presented. Performances are at 8pm tonight and Saturday at the Boston Shakespeare Company Theater. Tickets are \$8.50 for Dance Umbrella members, students, and senior citizens, \$10 for others. For reservations call 267-5600.

La Bataille D'Alger (The Battle of Algiers), a 1965 film in French with subtitles, will be presented at The French Library in Boston. Shows are tonight, Saturday, and Sunday at 8 pm. Tickets are \$2.50 for non-members, \$1.50 for members. For more information call The French Library at 266-4351.

Betty Fain and Dancers in Concert will perform an all-premiere dance production at the Cambridge Multicultural Arts Center. Four new works choreographed by Betty Fain will be showcased. The performances are at 8 pm tonight and Saturday. Tickets are \$6 and may be reserved by calling 577-1400.

Cello virtuoso **Yo-Yo Ma** will perform at Symphony Hall tonight at 8 pm as a part of the Wang Celebrity Series. With him will be pianist **Patricia Zander**. The program includes works by Bach, Brahms, Beethoven, and more. Remaining tickets are \$14.50; for more information call 266-1492.

Saturday, March 22

check above listings for multiple showings
Violinist **Karen Dreyfuss** will give a recital at Jordan Hall. The program features the world premiere of Ezra Laderman's *Fantasy for Viola*, and also includes works by Bach, Brahms, and de Falla. Tickets are \$7.50 and \$5; for ticket information, call 536-2412.

The Museum of Fine Arts will host a gallery talk on **The Golden Age of British Photography**, given by Deborah Brown Rasiel. The talk will begin at noon, and is free with Museum admission (which is free with an MIT ID). Meet at the Information Center in the West Wing just prior to the talk. For more information call 267-9300, x291.

Sunday, March 23

Check above listings for multiple showings
Charles Dutoit will lead the **Orchestre Symphonique de Montréal**, featuring soloist **Isaac Stern**, in a performance at 8 pm in Symphony Hall. The concert, which is a part of the Wang Celebrity Series, will feature the US premiere of Violin Concerto by Dutilleux. Tickets are \$25, \$20, and \$18; for more information call 266-1492.

Betty McLaughlin

Claude Debussy was done best. The second song of the group, *Quand j'ai ouy le tambourin* came across especially well, Chinny Yue's flexible and pleasing soprano solo nicely backed by a sympathetic ensemble.

There were other moments to savour, too. The poetic words of Schiller's *Der Abend*, set to music by Brahms, were evocatively portrayed. The last verse, "In the heavens above domes fragrant night, with soft steps, with sweet love following..." was done with particular

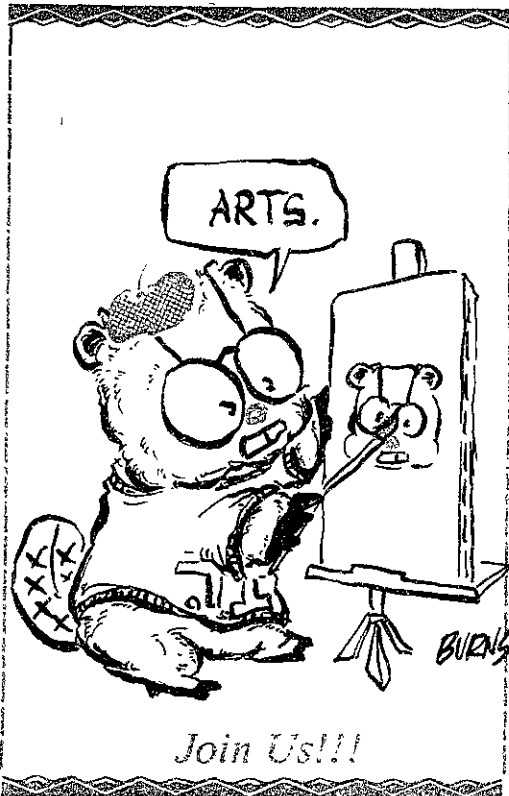
subtlety and grace.

But the evening was not one of perfection. *Reincarnations* by Samuel Barber was uneven in performance, and several passages in the other Brahms songs were loose: *Nächtens*, in particular, was disappointing.

But the most serious problem the Student Chorus faces is one of diction. This was most apparent in the group of British folksongs which ended the concert where, with the exception of Michael Prichard's unusually clear baritone solo in Holst's

The Turtle Dove, it was difficult to understand any of the words.

Strangely, perhaps, pronunciation had been most successful in the Debussy; perhaps Oliver is sensitive to the poor French produced by many American choral ensembles and devoted especial attention to it. In other numbers inadequate diction gave an impression of muddle. This problem must be attended to now, while the Chorus is young, or it risks marring an otherwise potentially promising future.



Classical Beethoven in Faneuil Hall

BOSTON CLASSICAL ORCHESTRA
Conducted by Harry Ellis Dickson.
Faneuil Hall, March 19 & 21 at 8 pm.

By POH SER HSU

HARRY ELLIS DICKSON led the Boston Classical Orchestra in a lively performance of an all-Beethoven repertoire at Faneuil Hall on Wednesday at 8 pm. It started with a terse account of the *Egmont Overture*. The orchestra conveyed the sense of drama Beethoven intended, albeit occasional lack of precision and polish.

Beethoven's *Piano Concerto No. 4* followed, with Veronica Jochum as pianist. She gave a powerful and exciting perfor-

mance, one that was particularly invigorating in the *Rondo* section. She evidently enjoys playing the piece, and successfully conveyed her emotions. The orchestra was very well balanced with the piano, never overpowering it.

The evening ended with Beethoven's *Symphony No. 1*. It is a short symphony, and filled with a sense of urgency from the start. The orchestra appeared to have warmed up, and played this with confidence and polish. It ended with a particularly memorable *Adagio*, a satisfying finish to the concert. They will be repeating the performance tonight at 8 pm and those of you with nothing better to do may want to attend it.

The Tech Performing Arts Series presents...

COLLAGE

With Concert Dance Company

Collage and the Concert Dance Company of Boston will perform a joint program featuring the premiere of choreography by Terese Freedman and Jim Coleman to John Cage's *Three Dances*, as well as the world premiere of a piece by Mario Davidovsky and three works by Aaron Copland in honor of his 85th birthday. Boston Shakespeare Company Theatre, March 23 at 8pm. MIT price: \$4.

ISAAC STERN

Soloist with the Montreal Symphony Orchestra

Isaac Stern will play solo in the US premiere of Dutilleux' *Violin Concerto*. The Montreal Symphony Orchestra, conductor Charles Dutoit, will also perform Debussy's *Iberia* and Ravel's *Daphnis and Chloé*. Symphony Hall, March 23 at 8pm. MIT price: \$6.

ENGLISH BAROQUE SOLOISTS

All-Mozart concert

John Eliot Gardiner will lead the English Baroque Soloists in Mozart's Symphony No. 29 and Mozart's Piano Concertos K. 271 and 414 with Malcolm Bilson soloist on the fortepiano. Sanders Theatre, April 6 at 8pm. MIT price: \$6.

MUSEUM OF FINE ARTS

Museum joins Performing Arts Series

We are delighted to announce that the Museum of Fine Arts has become a participant in *The Tech Performing Arts Series*. The Sunday concerts provide a great opportunity to spend time wandering the Museum's galleries and take in an afternoon of music too. Tickets will also be available for Thursday evening events.

All-Mozart Concert

John Gibbons, Boston's most original interpreter of the harpsichord repertoire has a special way of looking at Mozart, too. This concert will feature Gibbons playing Mozart on a fortepiano similar to the instruments the composer would have used. The resonance time is shorter, clarity greater: Try it! Museum of Fine Arts, Remis Auditorium, March 23 at 3pm. MIT price: \$6.

American Originals

Nancy Armstrong, Daniel Stepner, and Stephen Drury present music of Charles Ives and others. Museum of Fine Arts, Remis Auditorium, April 6 at 3pm. MIT price: \$6.

Tapestry

Rella Lossy, Laurette Goldberg, Judith Nelson, and Anna Carol Dudley in a dramatic presentation featuring music of Bach, Handel, Mozart, and Haydn. Museum of Fine Arts, Remis Auditorium, April 17 at 8pm. MIT price: \$6.

Boston Museum Trio

The Museum of Fine Arts' resident trio, the Boston Museum Trio — Daniel Stepner, baroque violin, John Gibbons, harpsichord, and Laura Jepsen, viola da gamba — present a program of music from the French baroque with tenor Frank Kelly. Museum of Fine Arts, Remis Auditorium. May 4 at 3pm. MIT price: \$6.

Tickets will be sold by the Technology Community Association, W20-450 in the Student Center. As opening hours are currently a bit sporadic, please call before you come. If nobody is in, please leave your order and your phone number on the TCA answering machine at 253-4885. You will be called back as soon as possible.

The Tech Performing Arts Series, a service for the entire MIT community from *The Tech*, MIT's student newspaper in conjunction with the Technology Community Association, MIT's student community service organization.

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HUM-D requirement debated

(Continued from page 1)

to inform students about activity on "diverse-ends" of the reform process and to obtain student input, said UA President Bryan R. Moser '87. "MIT has now recognized a crisis. Student participation [in the reform process] cannot be ignored," he said.

The reform process is still in its early stages and student input is desired, said Dean of Undergraduate Education Margaret L. A. MacVicar '65, chairman of the Committee on the Undergraduate Program.

Students had been excluded from initial discussions because *ad hoc* committees don't have student representatives, Moser claimed.

The Committee on HASS Requirements proposed changes in the requirement in its interim report of Jan. 29. Under the HASS Committee proposal, students would take four humanities distribution (HUM-D) subjects in four areas: Socio-Cultural Studies, Historical Studies, Literary and Philosophical Studies, and the Arts. Only ten subjects would be offered in each of the areas, for a total of 40, compared to the 160 or so offered at present.

Under the present guidelines, students must take three HUM-D subjects in different areas of HASS and must also concentrate in one HASS field by taking three or four subjects in that field.

Pauline R. Maier, chairman of the Committee on HASS Requirements, said the current system mandates a change. The major concern of the committee was the HUM-D requirement, Maier said. The only insurance that students will be exposed to different areas in HASS is that the three HUM-D subjects are in different departments, she claimed. A student could fulfill the present HUM-D requirement by taking closely related subjects from three different departments, she said.

The change would not result in less choice for students, she said. "We do not see [reducing the number of subjects] as a way of stopping student choice, we see it as a way of guiding students," Maier explained. The subjects in each area need to be diverse in order to maintain choice, she said. In addition, the 40 subjects should have common standards so students do not choose subjects based on rigidity, she continued.

The problem with the present HUM-D system is not the subjects but the teaching quality, according to Jim Papadopoulos G. "Don't change [subject] titles, change teachers," he said.

The HASS Committee also recommended that MIT adopt a new Institute Requirement for a subject or group of subjects in "The [Human] Contexts of Science and Technology," as a bridge between HASS fields and the science and engineering fields.

Several students expressed reluctance about this proposal. They felt the quality of the teaching would not compare to freshman core subjects in math and science.

Students also said that restricting the number of HUM-D subjects and requiring the contextual subject would result in scheduling complications and an end to the small-classroom atmosphere in the humanities. Maier replied that she is committed to maintaining small classes and that her committee has not considered scheduling yet.

The HASS committee's proposal maintains the present concentration requirement except that it calls for more conceptual, less skill oriented subject matter. Many of the concentration subjects, especially economics, are too theoretical and math-in-

clined, Maier said.

The Commission on Undergraduate Engineering Education has produced a set of objectives for undergraduate education in engineering that makes a "serious commitment" to education in HASS, and does not treat it as "supplementary," reported Jack L. Kerrebrock, chairman of the commission. [The commission's interim report appeared in *The Tech* on March 18.]

These goals have "basic ratification" from the faculty of the engineering school although much of the faculty gives science higher priority than humanities, said Kerrebrock. He added that his committee does not have a "hard prescription" to achieve those goals and encouraged student input.

The committee is trying to take a "forward looking view of engi-

neering education," Kerrebrock said.

"MIT may not stay the top engineering school if we keep doing what we have been doing," Kerrebrock said. The engineer of the future will need a "greater breadth" of knowledge and talents, he continued.

Stephen L. Chorover, professor of psychology, supported Kerrebrock's contention. "Very few of [MIT's engineering] students are going to remain at the bench where they begin," he said.

Moser said that student input is being provided through the UA forum series, an undergraduate seminar on education reform, and student representation on reform committees. He was still interviewing for the student post on two of the committees and that interested students should contact him, he said.

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CUP looks at long-term goals

(Continued from page 1)

ship with a faculty colleague," the report continues.

Margaret L. A. MacVicar '65, chair of the CUP, explained that the purpose of the report is "to maintain communications and encourage thinking about the fundamental aspects of undergraduate education."

CUP to integrate educational reform

The CUP receives reports from the three committees currently examining the MIT curriculum and provides suggestions to the committees. "The CUP will try to integrate all proposals from the committees into MIT educa-

tion as a whole," said David S. Wiley, executive director of the CUP. "Working with the committees will be a very large issue with the CUP."

Throughout the fall of 1985 the CUP "talked about some general issues in undergraduate education to get itself functioning efficiently as a committee," Wiley said.

The CUP members discussed their views of undergraduate education and started to shape an agenda. By the end of this term, the committee should set a long-term agenda, Wiley said.

The CUP will also look at faculty tenure review. Wiley noted that the CUP needs to look at

"leverage points for improving and rewarding good teaching" but warned that the CUP "has no role in that process."

The CUP's agenda may include such issues as freshman advising, the impact of Project Athena, and the role of Independent Activities Period in MIT education.

The "intention of the committee is not to get bogged down in smaller operational issues of undergraduate education," Wiley said.

The CUP does not want to "lose sight of the longer-term picture," he added. "The CUP is the only faculty committee that has a broad view of undergraduate education."

Text of CUP goals and objectives

Preliminary views about the nature, character and priority of MIT's undergraduate education

a) Undergraduate education is a major priority of MIT. Excellence in the fulfillment of educational responsibilities should be reflected appropriately in the career rewards and recognition of our faculty.

b) MIT is a "special university" (neither a traditional university nor a narrow institute of technology) with a unique mission that embraces those disciplines in which the Institute maintains strengths. MIT has a significant opportunity to develop an undergraduate program that uniquely draws upon these strengths across all the schools. Moreover, our extraordinarily able and diverse undergraduate students impose a special responsibility on the Institute.

c) We reaffirm MIT's historic commitment to a broad-based education for all undergraduates, including a solid foundation in science and the humanities, arts, and social sciences (see appendix). This commitment is not manifested clearly in the current educational program, and adjustments are needed to realize MIT's historic goals in the contemporary context.

d) MIT's educational programs should take a longer-term view of their objectives; MIT is educating students broadly for the future, not for meeting narrow current needs. We seek to prepare our students for continuing self-education as a life-long process.

e) MIT's undergraduate education should provide a strong general education component, one that is: unique to MIT's special mission; believed in as a shared collegial responsibility of all the faculty and schools; and spread over the entire program, not concentrated primarily in the freshman year. The primary, though not exclusive, purpose of the General Institute Requirements should be general education, rather than preprofessional preparation or competency.

f) A single faculty with multiple responsibilities in undergraduate and graduate education and

research continues to be an important strength of MIT. The undergraduate program should more explicitly draw strength from and build upon MIT's unique coupling of research and

education as complementary pursuits. We should develop the faculty's potential for greater collegial interactions across the Institute.

(Please turn to page 13)

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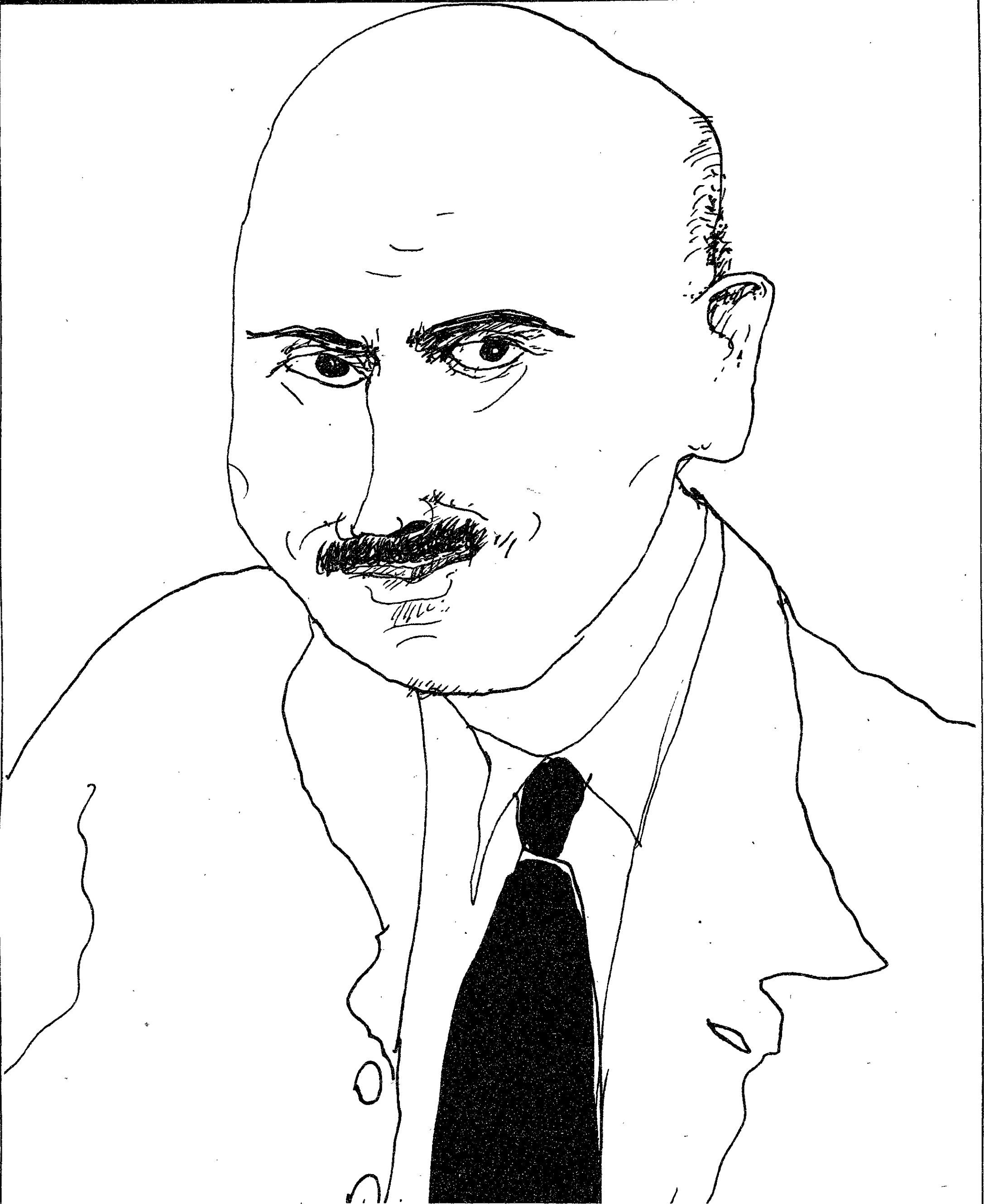
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Statement of the goals, objectives of the CUP

(Continued from page 11)

g) Greater opportunities should be sought for one-on-one student/faculty encounters — in ways that take into account the diversity of approaches that are necessary to meet the range of needs and learning styles of our students. Every student should have opportunity for at least one close, intellectual relationship with a faculty colleague.

h) The freshman year should allow opportunities for students to explore the full range of career interests and majors. It should be connected to the institution as a whole and be protected from the pressures of departmental programs.

Appendix:

The following statements of the general objectives of MIT's undergraduate program articulated at various points in MIT's history testify to a long-term institutional commitment to a balanced undergraduate education:

"The purpose of the Institute, broadly expressed, is: first, to give its students such a training as will enable them to attain the highest success in their professional careers as engineers, architects, or chemists; and second, to educate them so broadly and liberally that they may possess varied sources of enjoyment, and may be fitted to fulfill their domestic, social, and public duties as parents, gentlemen, and citizens. It aims to combine a technological with a cultural education — to make professional leaders, who at the same time are broad-minded [people]." [From "The Ideals of the Institute", Professor Arthur Amos Noyes '1886, chairman of the faculty, *Technology Review*, 1905]

"Undergraduate education in a technological school has two objectives: the professional and the general. The professional objective is to prepare [students] for a certain kind of

work in society. The general objective is to develop the character traits, the intellectual habits and skills, and the understanding of nature and man that an educated person should have, regardless of the kind of work [done]." [From *The Report of the Committee on Educational Survey* (Lewis Committee), Dec. 1949, p. 19]

"We must preserve our emphasis on education. We have a responsibility to educate our students for civilized leadership as professionals and as citizens of the world. Our responsibility to them, and to the generations that will follow, is: to support them in the development of their intellectual powers; to help them shape their values and attitudes toward increased caring and compassion; and to encourage their personal growth as creative, sovereign human beings." [From the inaugural address of President Paul E. Gray '54]

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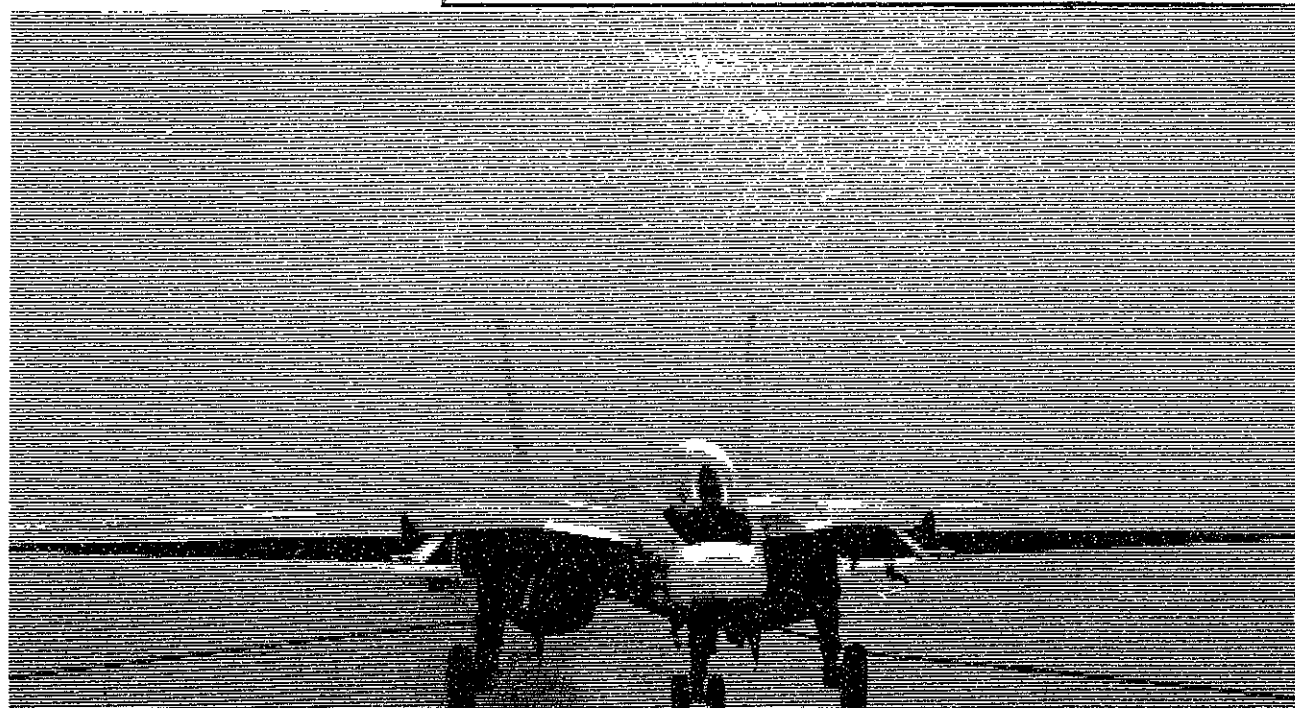
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MIT defends shanty removal

(Continued from page 1)

arrests, asked why the administration called the Cambridge police before making any attempt to discuss the removal of the shantytown.

Penn also questioned the administration's concern for the arrested students' safety. Michael Levine '86 was on the roof of a shanty when Dickson ordered a physical plant worker to pull the wall out from under him, Penn charged.

Associate Provost S. Jay Keyser said, "Here's my bottom line: I don't want anybody to hit anybody. [But] once the machinery is in motion, it has a life of its own. If a Campus Policeman puts a hand on you he has to arrest you."

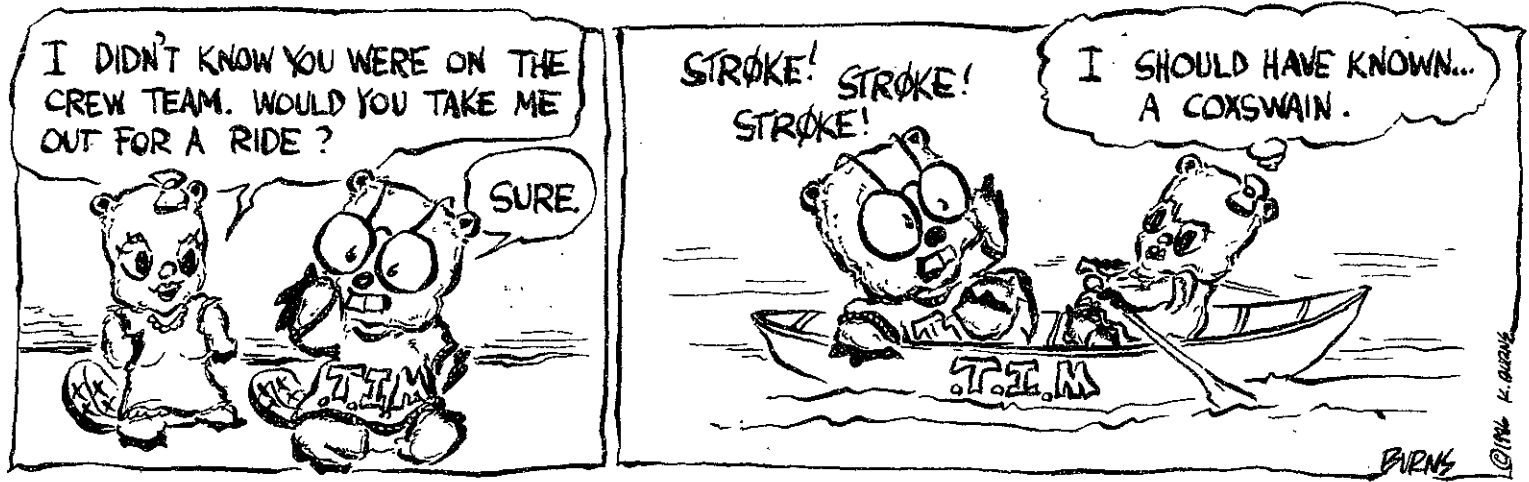
Alex Rosen '88, one of the eight students arrested, said that the administration arrested the students in an attempt to quiet him and other protesters.

Keyser admitted that there should have been more discussion between the administration and the Coalition while the shantytown was in place. "There was no mechanism of discussion," he said.

Simonides said he believed the administration seriously considered both student and faculty demands for full divestment. But a commitment to listen does not imply a commitment to comply with demands, he stressed.

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By Kevin Burns



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The women's varsity crew team at practice.

Women's crew ready to row

Feature

By Anh Thu Vo

For the last two months, the MIT women's crew team spent countless hours rowing in the indoor tank at Pierce Boat House. But now the teams bid farewell to the long and torturous winter season.

The varsity team is looking forward to an improved spring season. Last year, Coach Mayrene Earle led the varsity team to a mediocre fifth place finish at the New England Invitational Regatta. This year Earle predicts that the team will win more than half of its meets.

The Engineers won a pre-season skirmish against arch-rival Simmons College on March 13. MIT won the race by a large distance, and the match may prove to be a good omen for the rest of the season.

"We are rowing better now, and I am looking forward to a more successful season this spring," said Captain Linda Muri

'86. Earle expects to win races against Columbia and Rutgers on April 1.

The rowers for the first team are chosen by a method called "seat racing" in which the rowers pull at full pressure for 1000 meters. Then two of the rowers switch boats. The two boats race again to determine which rower is moving the shell more effectively.

The novices

The novice team is hoping to win its first spring race against the University of Rhode Island and Connecticut College tomorrow. Mary Ellen Finney, coach of the novice team, was a gold medalist rower in the 1984 Federation Internationale Societe d'Avion World Championship.

"This year, crew has rowed very well, technique-wise," Finney explained. "But they have to learn to push themselves harder."

"The novices have a good chance but they have to put in a lot of work," agreed Wendy Cothrane '89.

The novices have improved

since last fall. In October, they placed last at the Mount Holyoke Regatta and the Dartmouth Regatta. But in November, the team finished a strong 12th place out of 40 boats at the Foot of the Charles regatta.

"There is more power and more balance in a boat now," said coxwain Christine Leviness '89, "We also have much better skilled rowers."

The biggest challenge for the novices is "learning to pull hard beyond the beliefs of their capabilities — and that means pushing through the wall of pain and discomforts," Finney said.

Rowing is a new sport for most of the MIT women rowers. Among this year's members, only one had experience in crew before arriving to MIT.

"It is more of a test of one's determination and will power," according to novice Jessica Marcus '89. "And personally, not being an athlete, I wanted to join a sport that tests your coordination, finesse, flexibility and gut strength."

Volleyball second-team rolls over Wentworth

By Jerome G. Braunstein

The second-string men's volleyball team beat the Wentworth Institute of Technology Wednesday three games to zero, 16-14, 15-6, 15-5. Coach Karyn Altman-Velazquez '78 benched her top six players and played six substitutes for the whole match.

The reserves played well, mimicking the starters' offense and defense, Velazquez said. Captain Tae Im '86 set a close-to-perfect game for spikers Bruce Kristal '86, Edwin Marin '89, Mike Ressler '86, Frederick Ryan '87, and Sean Tierney '87.

The first game was very close. Wentworth was leading 12-9 at one point in the game, but MIT came back for a 16-14 win. MIT took a quick lead of the second game 6-1. Wentworth fought hard to catch up 6-6, and then servers Im and Marin led a nine-point MIT spurt to take the game.

In the third game, the Engineers played what Velazquez called the best game she had ever seen. Though the six reserves rarely play together, they played a solid team game. Marin served fantastically, scoring six points and giving MIT a 7-1 lead. Hard spikes by all the players, including a quick-spike by setter Im, gave the Engineers command of the game. When all the dust settled, MIT won the third game 15-5 and the match three games to none.

The victory gives the Engineers a 4-1 record in the Northeastern League, clinching a playoff berth. The Engineers have only two more games in the Eastern League, and they will be playing them in the tri-meet, hosting Brown and Yale on April 2. MIT will qualify for the NCAA playoffs if they win both games.

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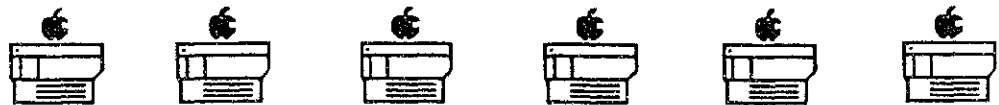
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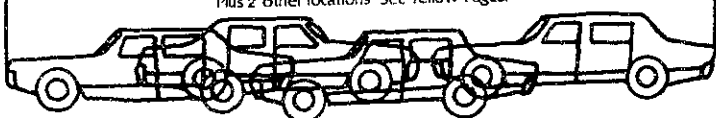
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