Tuition for 1986-87 will rise to $11,800

Self Help vs. Tuition

By Ben R. Stanger

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(please turn to page 9)

Protest moves to Gray’s home

By Andrew L. Fish

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Institute Colloquium to feature

four expert panelists on AIDS

By Amy S. Gourie

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The colloquium, chaired by Special Assistant to the President Mary F. Deutch ’61 and Dean for Student Activities, secretary of the Corporation, will feature presentations by four speakers on different facets of the AIDS problem: The self-help level will not increase.

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By Cheri Kim
Lt. Col. Samaan P. Woodren, general special assistant to the di-
rector of the Strategic Defense Initiative (SDI) program, told an
MIT audience last Monday that the United States would need at
least five years of research before going ahead with the SDI pro-
ject.
Woodren, also the technical ad-
vvisor to space issues at the Geome-
tica talks, said President Ronald
Reagan wanted the system now, the
United States would have to first
develop a ground-based sys-
tem, then a space-based system with
something of the mid-1990s, a space-based kinetic de-
vice — destroying enemy mis-
siles with lasers or other missiles.
As long as the United States has
the arms race on the mass produc-
tion of weapons, Woodren con-
tinued, it is on the weaker side.
The United States and Soviet
Union currently must spend tril-
ions of dollars on 100,000- or
more warheads. It would cost less
to employ a strategic defense sys-
tem, Woodren said.
Ten years ago, the Soviets re-
portedly began working on a
space defense system, Woodren
said. When asked about the test-
ning of a certain laser beam direc-
to the Soviets, the Soviets replied they were
not enough room for choice
The high number of require-
ments throughout the engineering
school does not give students
enough opportunity to explore
interests outside their major, stu-
dents agreed.
David B. Brundle ’98 said a
shortage of free elective prevent-
ed him from realizing the ful-
ness of education he wanted. He
would like to take electives in
mechanical engineering and elec-
trical engineering, but the re-
quirements for his computer sci-
cence degree will not allow him
to take subjects in all areas of
interest, he explained.
An open-ended degree pro-
gram not limited to a particular
department could provide an al-
terative to rigid curricula, sug-
gested Edward F. Crawley ’76, an-
asociate professor of Aeronautics
and Astronautics and a member
of the commission’s subgroup on
Institute core requirements. The
students reacted favorably to the
idea of a major allowing undergraduates
greater freedom to pick their own courses in consul-
tation with faculty.
Jim O’Quin ’96 asked about a
General Engineering degree of-
fered at MIT 25 years ago. Lack
of students interested in that pro-
gram — the former Course 14 — to die out, replied Har-
man A. Haus ScD ’54, profes-
or of Aeronautics and Astrono-
mics and chair of the Institute core sub-
group. The general major had been intended to bridge the gap
between science and engineering,
Haus continued, but lost its pur-
pose in the 1960s as engineering
became more theoretical and
scientific.
Existing options which lead to
conducting medical laser re-
search, he noted.
Philosophy of defense
There exist two types of de-
ference to nuclear war, Woodren
said. One is an offensive deter-
rence based on the “sure destruction” philosophy. The other is
a new defensive deterrence based
on a new system of blocking
missiles.
SDI would be better than mu-
tually assured destruction (MAD), Woodren said, because
MAD relies on fear as deter-
rence, while SDI makes no attack
infeasible.
Wooden also detailed the two
major arguments against SDI:
A nuclear war would mean
the end of the world. It follows
that arms control can have no
other purpose than the most im-
mediate and direct elimination
of nuclear weapons.
The Soviets pursue military
directions which are fundament-
ally responsive to US policies.
The Soviets will employ a defen-
sive system if the United States
does, creating instability.
The goal of the military is to
prevent a war, Woodren said. But
a listener objected that striving
for a better defense and a better
offense has always led to wars in
the past. “SDI is reviving the old
canada. It and it makes it all viable again. Is keeping the Soviets scared en-
suring peace?” the audience
member asked.
A member of the audience who
had used to live in the Soviet Union
said, “When you have cancer,
you use every form of treatment
to get rid of it... The totali-
itarianism of the Soviet Union is a
social cancer. We should be ready
to sacrifice in order to decrease
the cancer.”
Woodren said the trend is mov-
ing away from stability, and the
deterrence is no longer based on
mutual destruction. “What we
are doing is extending that deter-
rence to bring about stability.”

SDI consists of a defense of
two-to-three layers that would de-
tect the missiles, block the at-
tack, and destroy them. The
defensive system would be
more detectable, while SDI makes an attack
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PAGE 2 THE TECH FRIDAY, MARCH 7, 1986
Soviet leadership rearranged
Soviet leader Mikhail Gorbachev closed the Communist Party Congress yesterday, making some big changes in the country's ruling apparatus. He included the naming of a woman to the Central Committee Secretariat — the first to rise to the top levels of the Soviet leadership in 25 years. Gorbachev also spoke out against the arms race, saying the Soviets would not bend to those who would "make humanity accept the nuclear status." (AP)

Spacecraft fly by Comet Halley
The Soviet spacecraft Vega I returned close-up pictures of Comet Halley this week, passing within 10,000 km of the cometary nucleus yesterday morning. Enhanced photos showed the comet glowing with blue, yellow and blue. Over 100 foreign scientists gathered in Moscow to watch the data arrive at the Soviet Institute for Space Research. A second craft, Vega II, will encounter Halley on Sunday, providing final course information for the European probe, Giotto. Giotto is expected to pass within 500 km of the 10-km in diameter iceball next Thursday. (AP)

Canada proposes rights reforms
Women may be allowed in combat roles in the Canadian armed forces, as the result of an ERA-type clause in effect as of Apr. 17, 1985. The Canadian government has issued a policy report proposing changes to laws and federal regulations to bring them into line with the requirements of the new Charter of Rights and Freedoms. Some of the more controversial proposals included the elimination of mandatory retirement in the public service; opening all roles in the armed forces to women; and eliminating discrimination based on sexual preference in the public sector, effectively opening the Royal Canadian Mounted Police and the armed forces to homosexuals. (The Toronto Star)

Contra aid debated
President Reagan's plan to send $100 million in aid to the Nicaragua contra is being opposed by Congress. Sen. Nancy Kassebaum (R-KA) and Rep. Dave McCurdy (D-OK) spoke out against the issue yesterday. The House armed services committee approved the aid request yesterday, but the appropriations committee rejected it. Two other committees voted against the package. (AP)

Weather
Storms threaten
A late winter storm moving in from the Gulf of Maine is set to strike northern New England. Backlash effects may give the Hub some snow Friday, before a sunny weekend. A ripple in the weather pattern may bring clouds, cooler weather next week. Friday: Cloudy, chance of snow showers. High near freezing, winds northwest, over 20 miles (32 km/h). Friday night: Clearing, breezy, and brutally cold. Low 10° to 12°F. Forecast by Michael C. Morgan, Compiled by Julian West
All MIT units are not created equal

If you look hard enough and long enough at any bureaucratic system, you will eventually find the ideology that underlies, motivates, and defines that system.

Wednesday I looked at the Registrar's Office.

If you are considering applying to medical school, or may also not know that you do not send your transcripts to the schools; you send them to a data assembly service which purports to standardize the various undergraduate grading systems.

My experience has been with the Lower School Data Assembly Service. It converts MIT units into A0-A0-A0 semester hours. The MIT Registrar's Office provides instructions on how to perform this conversion.

Institute units come in three flavors: letter-recitation, laboratory, and preparation. MIT says all units are equal; the Registrar's Office, though, says some units are more equal than others. It instructs the services to ignore preparatory units, divide laboratory and preparation. It converts MIT units under graduate grading systems.

It is not enough, however, for the Registrar's Office to ensure that they also conceal its existence from the students.

An ad hoc panel of five potential prelaw and premedical students was not aware of this system two weeks ago when another MIT law school applicant apprised him of it.


This Registrar's Office and the prelaw and premedical schools have an obligation to inform students of this forthgoing further, the Registrar's Office should have given no assurance to the data assembly services to more accurately reflect the works done at MIT.

I was reading The Tech the other day when a fellow student, PBL, flowered a news item caught my eye: "Par- ents in Kokomo, Indiana, who don't want their teenager AIDS victim Ryan White to return to school, have posted a $12,000 bond required by a judge to put up their son. The parents want to keep their son out of school."

What, I wondered, would drive parents to go to such lengths to prevent the suffer- ing of their child?

How many of them really know what AIDS is and how it is transmitted? I'm no expert on AIDS, but I do know one likely re- al fact: AIDS is not transmitted through the kind of contact teenagers are likely to have in their high school environment.

You can't get AIDS from using the same drinking glass or sitting next to a classmate and breathing the same air.

But I understand their fear. AIDS (at this point) is a fatal and incurable disease. It has also been recently transmitted throughout American society pri- marily through intimate sexual contact.

For me there is something for- bidding and demeaning about this AIDS. For no one is telling me to put up their son. For no one is telling me to keep your son out of school."

Guest Column/Holly Sweet

AIDS awareness is needed

AIDS awareness is needed

Last week I read in The Boston Globe that flu season had finally reached Massachusetts. May be this year would be different; may be I could sneeze by the winter without the competitiveness ever, or scratchy throat.

Of course, fear is never that kind to me, I had had the flu once every winter of my life, and I would get it again this February. It has become an event with which I mark the passing of time — another year I survive is an- other year I don't die.

As I sat typing, the characters blurred to me through the VDT screen. I feel as though I am experiencing some new herbal de- rivative. My head is a clouded mess. I just want to sink into my bed again.

Having the flu does offer its benefits, it's that an opportunity to get away from classes, other people, the world. It gives time to think and reflect.

It's just you — and your runny nose, which seems to have a will of its own.

For the past two years, I've slept until 2 pm. (How often you get to do that at MIT?)

Aimed with amantadines, Ty- lenol (in tablets) and plenty of vi- tamin C, I set out to do battle with my viral foe. Unfortunately, I was no secret to the over-stated vitamin pills. Wasted of all, the antihistamine's effects were evident not in the form of clear sinuses but as bodily paralysis. I try to remind myself to avoid medication, but I know when the next flu comes around, the cold cold remedy will be too attractive to resist.

Now my brief interest of ill- ness is nearly over. I've already missed two days of classes. I've already had my two days escape from life. I'm still feeling misery, nothing new. I must reach for my real problem set due tomorrow? I do the homework next week.

Meanwhile, I can bitch about which jerk in my fraternity in- fected me. I have a good idea how it was. But I bear no grudges, I, too, have done my part is spreading the flu as a to- ken of my brotherly love.

Recovery of flu season offers peaceful misery

OUTlook

The letter titled "Stu-

Column/Edward W. Whang

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COLUMN/WALTER McNAIR

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did not get infected by the flu. I am not
designed to be confused during flu season.
Shantytown spark discussions

To the Editor:
A group of students has erected a mock South African shantytown on the Kresge Oval. The Student, MIT's underground Marxist-Leninist newsletter distributed across MIT, reported this past Sunday that the shantytown is not a protest against apartheid, but rather a protest against MIT's investment in companies involved in apartheid. The Student, for example, in 1980, The South Africa and some portfolios of stocks have been divested from. P. Strehle, MIT's Treasurer, made a presentation that he saw as the possible conclusion that MIT would have lost $10 million. I do want to be mistaken. I think that the two are compatible. I believe in democracy and capitalism as well as social equality, and, while the socialists would disagree, I strongly believe that the two are compatible. Whether anyone else agrees with that or not is irrelevant in that this is clearly NOT the discussion/argument/debate.

No one could be the sterilizing social justice battle cry for reform and worker's concern, the meeting turned into a debate on the right to organize on this new private-run food service company. Among those asking to be the sterilizing social justice battle cry for reform and worker's concern, the meeting turned into a debate on the right to organize on this new private-run food service company. Among those asking to be the sterilizing social justice battle cry for reform and worker's concern, the meeting turned into a debate on the right to organize on this new private-run food service company. Among those asking to be the sterilizing social justice battle cry for reform and worker's concern, the meeting turned into a debate on the right to organize on this new private-run food service company.
To the Editor:

Shiva Ayyadurai, you are wrong. It is true that the MIT Corporation has so far ignored Apartheid. It is also true that we cannot be hypocritical about it. This was that we cannot be hypocritical about it. Apartheid objectors may display in all his public performances. I am not surprised that the Apartheid issue has so far disregarded him. I wonder what he expects to obtain by using fancies, attitudes, by treating anyone to make the rest of the MIT Corporation would like to know about it also. It's a shame that he takes on trustworthy causes and makes them so effectual. The effort to hamper apartheid in South Af- rica is a just cause and so are the efforts that they are making. He should start realizing that

MIT can divest without losses (Continued from page 3)

more likely than a richie portfolio. So if Strehle quotes rates of returns earned on different portfolios and does not also tell his audience how risky it is, then portfolio, he is comparing apples and oranges. It would be a trivial matter to construct a portfolio of stocks of free companies displaying in all his public performances. What earned much higher rates of returns over the last five years are not a very favorable comparison also. The return that one might expect in the coming five years. It is very possible that a South Africa-free portfolio which earned less than the University's current portfolio would "cost" the University $10 million. Strehle himself made his calculations on the basis of his- torical returns of particular portfolio in recent years, carefully chosen in the light of hindsight. It is a simple matter to look over the historical record and find South Africa-free port- folios which have earned greater income than the University's own portfolio. Moreover, given any single portfolio, it is often possible to choose the years for the comparison so as to make either portfolio preferred to the other. Due to the very high variance in stock returns, data on historical returns over five years are not a very favorable comparison also. The return that one might expect in the coming five years. It is very possible that a South Africa-free portfolio which earned less than the University's portfolio between 1980 and 1985 would earn much more than the University's portfolio between 1985 and 1990. This sort of comparison in compar- ative returns of portfolios with and without South Africa-related stocks has been typical over the last two decades. In 1969 oppo- nents of divestment quoted the historical record which I personally do not sup- port it.

Apartheid objects may have accessory interests (Continued from page 5)

this was that we cannot be hypo- critical about it. Apartheid is a moral cause. The MIT Corporation has so far ignored Apartheid. It is also true that we cannot be hypocritical about it. This was that we cannot be hypocritical about it. Apartheid objectors may display in all his public performances. I am not surprised that the Apartheid issue has so far disregarded him. I wonder what he expects to obtain by using fancies, attitudes, by treating anyone to make the rest of the MIT Corporation would like to know about it also. It's a shame that he takes on trustworthy causes and makes them so effectual. The effort to hamper apartheid in South Af- rica is a just cause and so are the efforts that they are making. He should start realizing that

MIT Corporation isn't evil

(Continued from page 6)

endowment is necessary in order to prevent tuition from going even higher. Where else is the ex- tra revenue going to come from? I would like to see him offer a workable plan in which tuition could be amply reduced with- out any further increase in MIT ex- penditure, instead of just clas- sing about it. I am sure that the MIT Corporation would like to know about it also. It's a shame that he takes on trustworthy causes and makes them so effectual. The effort to hamper apartheid in South Af- rica is a just cause and so are the efforts that they are making. He should start realizing that

for the food service employers at MIT. But the way he puts it, one would imagine Paul Gray and the rest of the MIT Corporation meeting in a dungeon under the President's house trying to figure out a way to pay the 10th Amendment (you know? the one about slavery...). Shiva, for the benefit of everyone here, you are right. Most of us have better things to do than listening to your hyp- ocritical flaming about how awful rich people are. You should have to work 10-15 hours a week just to make it through MIT. Maybe then you wouldn't annoy people so much.

Carlo E. Monmou-Laque '87

THE HARVARD MANAGEMENT COMPANY

is seeking qualified seniors

for the position of

Research Analyst

for their Venture Capital/Direct Placement Area

A full job description is available at the Career Service Office (in the job posting book). If interested, send a cover letter and a resume to Tony Downer, The Harvard Management Company, 70 Federal Street, Boston, MA 02110.

PAGE 6 THE TECH FRIDAY, MARCH 7, 1986
To the Editor:
The article "Lack of applicability blamed for scarcity of black faculty" [March 4] is laden with informed, and responsible statements, among other numerous contentions, that (1) the scarcity of black faculty at MIT is a black people's problem and (2) having identified the degree of difficulty of the problem, (and its source), the MIT administration is exonerated.

Like slavery or segregation or . . . the scarcity of black faculty is not a black problem and never was. It is, and always has been, a white problem, a problem created by whites and a problem which must be solved, if ever, substantially by whites.

Further, to identify the degree of difficulty of a problem is simply to confirm its existence; it is one step of the solution, not isolation.

James H. Williams Jr. '67
Professor of Mechanical Engineering

Shanties symbolize strife

(Continued from page 5)

The joy and challenge of such an achievement is worth the effort. Point 5: Temper your expectations. The immediate value in your discussion is in the process, not in the result. You will probably not witness a perceptible change in your partner's stand on an issue, and you may very well walk away believing yourself unchanged. This is normal, and probably healthy. As long as you exercise and demand respect in your discussion with the shantytown students, you can have hours of thought-provoking, sometimes exhilarating, sometimes frustrating, but never boring discussion.

Eric Saund G

You didn't want to be pregnant.

But you are.

So many emotions and questions are involved in deciding what to do. Talking with a Preterm counselor who understands can help you work through this difficult decision. And Preterm's experienced medical staff will provide the high-quality, sensitive care you deserve.

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The Shakespeare Ensemble at M.I.T. presents

CIVIL WARS

(Division and Upheaval in Passion and Politics)

An evening of scenes on the theme of unrest

Drawn from Shakespeare and Contemporary Authors

Thursday, March 6
Friday, March 7
10—250
8:00 pm

Admission Free — Join Us.
 Alexandrina Township, the protest on the Oval: a photo essay

Candidates back protestors (Continued from page 1)

Students are not only "raising consciousness on this campus... about the significance of the struggle in South Africa, but [it] as important, the struggle right here in the United States to get... equality for people of color, for women, for the disabled, [people discriminated against] because of their sexual preference," King said.

Yet "it is frustrating to take on the administration of a university as rich and powerful as MIT," Gallagher said. He experienced this same frustration when he participated in MIT's "November Actions" in 1969 while a student at Boston College. This anti-Vietnam war protest focused on the MIT Instrumentation Labs (since divested and renamed Draper Laboratory) as a major center of advanced military research.

Gallagher said it seemed he had come full circle since he had camped out in the Student Center as a part of that protest, which attracted over 800 people.

"There is no overestimating the importance of being a thorn in the side of those in power," Gallagher continued. As a result of protests in the 1960s, he said, the United States withdrew more quickly from Vietnam. It is protest at home that keeps US troops out of Central America, he added.

King agreed that student protests can make a difference. The MIT shantytown has become national news, and part of a national struggle: "Dartmouth, Brandeis, Brown... at all of these places the movement is taking hold and you know that we are winning."

Stressing the importance of peaceful protests, King reiterated that "We can help, we are helping, we can make a difference. "They want you on the streets," King said, but "the place for you to be, where you can make a difference, is in the suites. You won't make that difference until you affect those folks that are comfortable."

Divestiture had a real impact in South Africa, King believed. Businessmen there felt its effects, he explained; they were willing to hold discussions with the African National Congress.

Corporations that invest in South Africa are supporters of P. W. Botha's government, and "the blood is on their hands," he added.

Gallagher predicted that South Africa will be free "sooner rather than later," without a bloody civil war. Although the protesters are making demands of MIT, he said that "you are all really after the American government," which wields great power to influence peaceful reform in South Africa. Gallagher responded to "our conservative friends or our conservative adversaries, who say they are worried about keeping America strong." It is protest at home that keeps US troops out of Central America, he added.

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"This alone was enough reason for opposing the South African government, he said, even while declaring that that government "is without moral legitimacy."

"This all does matter," Gallagher concluded. "One day we will be successful. Good luck."
(Continued from page 1)

he said.

110 Memorial Drive was barely lit when the protesters armed, "Paul Gray, you can't hide. We know you're on apartheid's side," they chanted.

Two Campus Police officers accompanied the protestors, while another pair met the crowd at the Sever Hall entrance. Five more stood in the driveway of the President's House, backed by several Metropolitan District Commission (MDC) police.

A Tufts student urged the demonstrators to boycott corporations doing business in South Africa. Students should not buy IBM computers, Coca-Cola products or Pepsi Cola beverages, he said.

Behind the crowd, one of the MDC officers spoke into his radio, "We're standing outside Gray's office. One of the officers said, 'We didn't know what their [the coalition members] plans were.'"

Ayyadurai said, "I want to make it clear that all the people on this floor are pawns of the MIT Corporation."

When Gray left his office at 12:30 pm, the students began to chant "divest now." Several physical plant workers arrived and began removing the tape from the floor.

"Trail of blood"

Shortly after sunrise last Tuesday, two coalition members, Stephen Fernandez '86 and Lawrence K. Kolodny '86, taped a "trail of blood" down the expanse of the Infiniti Corridor.

The tape was removed very early Sunday morning, Dickson explained, because the workers 'wanted to adhere to the policy of leafleting' and were "vigorous." MIT only permits leafleting on the first floor because "that is the floor where the bulk of activity is," Dickson said. He ordered the tape removed from the second floor for this reason, he said.

Rosen claimed partial victory. Dickson had informed him that all tape would be removed if any was placed on the second floor, according to Rosen. "The tape's still there," he said Tuesday evening.

Some students did not realize the tape was for the divestment struggle. Several felt it was a protest for the Technology Community Association blood drive.

Rallies against apartheid

Professors Gretchen Kolonji '80 and Wilfred R. Johnson, two fervent proponents of the faculty resolution to divert, spoke at coalition rallies during the week, as did State Representative Thomas M. Gallagher, D-Arlington, and Adjacent Professor Melvio H. King, both candidates for the Massachusetts 8th Congressional District seat this fall.

Johnson said on March 4, "This is the most honored platform I've been on in a long time." The most important thing students could do is "keep the pressure on."

" kings told the students they should not allow the administration to say divestment will not make a difference. Failure to divert places MIT on the side of apartheid, he said. The students should take their protest from "the streets to the halls," King said.

Gallagher attacked the US policy which makes "friends of thousands and enemies of millions." Gallagher praised the protestors on including the MIT users in their demands. The students made the right decision in linking the issues together, he said.

"We're on the side of the people," Gallagher said.

"You can't hide," Rosen said. "These are individual students exercising their freedom of speech."
**FRIDAY, MARCH 7, 1986**

**Kurt Masur brings Gewandhaus Brahms to Boston**

**GEWANDHAUS ORCHESTRA OF LEIPZIG**

Conducted by Kurt Masur

Brahms' 1st and 2nd Symphonies

**Symphony Hall, Mar. 2.**

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By BARBARA A. MASII

KURT MASUR is no stranger to Brahms. His vibrant recordings of Hungarian Dances with the Gewandhaus are lovely. But I had my questions about his performance of Brahms in Symphony Hall last Sunday night.

Consider Brahms' First Symphony: a gloomy, emotionally charged orchestral work. There could be no questioning Masur's authority over the orchestra, his intelligent pointing of detail, and the clarity of texture produced for which the Gewandhaus is renowned. What more, Masur imbued the work with an expansive grandeur that complements its spirit.

Yet the performance lacked the dramatic tension and thrust that also remain essential to the work's character. In the symphony's first movement, everything was just a bit too weighty, too warning in urgency, and too expansive. In contrast to the first movement's lack of life, the second movement's sentimental treatment came close to being wayward, though there can be no faulting the playing of the solo instrument sections.

After the blandness of the previous movements, Mausoverpowered the finale with theatrical effects. This is a familiar complaint against the composition—not merely the performance—of the last movement of Brahms' First Symphony. Familiar motifs from Beethoven's Ninth Symphony also make one view this movement with some skepticism.

Masur began the symphony with an unthreatened explosion of staccato, as the allegro introduction was presented. The allegro gave place to a thrilling, resonant movement imbued with an expansive grandeur and thematic expanse.

The Symphony Hall box office or by calling 253-2826 between 1 and 5 pm.

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**NOTICES**

**Friday, March 7**

The Julliard String Quartet will perform three of Beethoven's String Quartets at 8 pm at Jordan Hall. Tickets are $16.50 and $14.50, available at the Jordan Hall box office or by calling ConcertCharge at 497-1118. For more information call 536-2412.

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The Vienna Chamber Orchestra will perform at 8 pm at Symphony Hall with conductor/pianist Philippe Entremont. Their program will include pieces by Helmut Eder, Schubert, and Tchaikowsky. Tickets are $16.50 and $14.50, available at the Symphony Hall box office or by calling ConcertCharge at 497-1118. For further information call 536-2412.

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The Harvard-Radcliffe Chorale, conducted by John Yaniec, will present a concert at 8 pm at the Sanders Theatre.

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**Saturday, March 8**

The MIT Symphony Orchestra, with guest conductor Alan Yamamoto, will perform Brahms' Symphony No. 3 in F. At 8:30 pm in Kreeger Auditorium. The program will include Chopin's Piano Concerto No. 1, with guest pianist Charles Parry performing, and a piece by Beethoven.

Admission is $15, free to MIT-Wellesley community. Tickets can be reserved by calling 253-2526 between 1 and 5 pm.

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By BETTY J. McLaughlin

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**CLASS OF 1986**

The Class of 1986, Miller Beer, and UA Firstboard invite the entire MIT community to an "86 Days to Graduation" Party on Saturday, March 8th. Appearing that night will be Jem/PVC recording artists, THE FEELS. Performers of "Life Sucks, Then You Die," "She Makes Me Feel Big," "Psycho Chickens," "World Dance Party," and "Doo Wah Diddy." Also performing will be local cover artists, The Whites. A major event will be held in Whittaker Memorial from 9 p.m. to 1 a.m. Beer and wine (with proper i.d.). pop and munchies will be available. Tickets are on sale in Lobby 10 ($2.00 for seniors with valid i.d. and $2.50 for the rest of the MIT community). Tickets will also be sold at the door on the 8th for $3.00. This is one party you do not want to miss, so get your tickets today.

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If you are interested in being a student representative on any of the committees listed to the left, you must sign up for a 15-minute interview with NomComm. Just stop by the UA office, fill out an appointment form, sign up for an interview time slot, and pick up a description of the committee that you are interested in.

There will be a luncheon held at noon on March 8, in Room 491, next to the UA Office in the Student Center, for Committee Chairmen, current student representatives, and interested students. This will provide a good opportunity for you to get acquainted with and ask questions about the committee(s) that you are interested in.

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**UA NEWS AND WORLD REPORT**

**NOMCOMM HEARINGS FOR INSTITUTE COMMITTEES**

The UA Nominations Committee will be hearing for the following committees:

Sat., March 8, 1-6pm

Committee on Academic Performance
Committee on International Institutional Commitments
Committee on Library Systems
Committee on Privacy
Committee on the Use of Humans as Experimental Subjects
Committee on Student Affairs
Committee on Writing Requirement

Sun., March 9, 1-6pm

Committee on Discipline
Committee on Undergraduate Admissions
Committee on Financial Aid
Committee on Visual Arts
Community Service Fund Board
IAP Policy Committee
Student Activities Development Board

Questions? Please contact Lulu at 494-1567 or x3-2696.

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**ASA & GSC**

**RECOGNIZED ACTIVITIES**

All organizations that are interested in being included in next year's Freshman Handbook should revise or resubmit the text describing their group from last year. Check your activity's mailbox for more information.

Reply due by March 27, 1986.
Annie Fischer Piano recital

Annie Fischer will play Beethoven's Sonata in E flat, Liszt's Sonata in B minor and Schumann's Kreisleriana.

Symphony Hall, March 9, 3 pm. MIT price: $6.

HUNTINGTON THEATRE

Saint Joan

The Huntington Theatre Company will perform Bernard Shaw's touching and comic telling of the Saint Joan story. Huntington Theatre, 264 Huntington Avenue, Boston, Mar. 11 and 18 at 8 pm. MIT price: $6.

SINFONOVA

Vivaldi's Four Seasons

In our recent "The Year in Review," The Tech named Sinfonova's Oct. 16 all-Mozart concert "Chamber Concert of the Year." Conductor Aram Gharabekian is one of the region's most sensitive interpreters of music, and has proved he has something fresh to say about even the most familiar of works. Sinfonova's performance of Vivaldi's Four Seasons with Stephanie Chase, solo violin, is therefore likely to be a very exciting event. Also on offer is this Gala Concert will be the World Premiere of McKinley's Sinfinovato featuring Tippett's Fantasia Concertante on a theme of Corelli.

Jordan Hall, March 14 at 8 pm. MIT price: $7.

Tickets will be sold by the Technology Community Association W20-450 in the Student Center. As opening hours are a bit sporadic, 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 student newspaper in conjunction with the Tech Co-op. Michael Asaro, MIT's student community service organization.

Get Out on the Town with The Tech Performing Arts Series.
Students discuss engineering goals

(Continued from page 2)

unaccredited degrees, such as Course II-A, could fill the need of students like Blundin whose interests are too broad for a fully specified major program. Haus said that even the unaccredited II-A option is too focused in one area—mechanical engineering—in areas they are curious about. O'Neill said, Haus warned that degree programs could lose their accreditation if requirements were arbitrarily reduced. But accreditation guidelines would still allow MIT's programs to be less restrictive than they are now, Rafael Bras '72, professor of Civil Engineering and a member of the committee's subgroup on engineering curricula.

A successful education? MIT makes engineers by "bleeding" them, charged Michael J. Saylor '87. The university's heavy load of requirements prevents graduates from thinking of anything beyond their immediate technological concerns, he said, so that MIT turns incoming students with a wide range of interests into "one-track automatons."

Saylor also felt the current system deviated the humanities, the area where he had found the most capable, helpful, and receptive teachers. "It is interesting that most MIT undergraduates spend their time looking for easy humanities," he said.

MIT's workload could be reduced by a factor of ten while maintaining educational quality if work were concentrated on fundamentals, Saylor said. Haus replied that the workload is necessary to develop students' problem-solving ability.

System ignores teaching ability: poor teaching widespread

O'Neill said what he had expected to get the best possible education was done by doing assigned work, but what he found was "to fight to be taught." Many professors are poor teachers and most give teaching low priority, he explained, so that needed to "hunt" professors' offices to get to know them.

Teaching is periodically reviewed, and very unfavorable opinions can jeopardize a professor's career at MIT, Kerrebrock said. Students asked whether bad reviews had any effect on tenured professors. Saylor felt teachers should not even be involved in research, but Kerrebrock insisted that research is an integral part of excellence in science and technology, and that the faculty must have good researchers.

Lack of contact with professors

The students felt they did not have as much contact with faculty as they wanted, seeing them as inaccessible. Professors and administrators said they knew hardly any professors personally; upperclassmen said they knew a few professors well, but they had had to "hunt them down" to get to know them.

Harvard, MIT differ on how to present teaching ability:

The many requirements in all engineering curricula.

University: "of course, it's not just for seniors anymore.

How to buy a performance

(Continued from page 11)

Today is the last day to reserve your 86 technique for $20, because after add date, we add $5 to the price.

Bring $20 check or cash to the lobby 10 booth or the technique office (W20-451) before 5 pm.

How to get the Card before you graduate.

Because we believe college is the first sign of success, we've made it easier for you to get the American Express Card. Graduating students can get the Card as soon as they accept a $10,000 career-oriented job. If you’re not graduating yet, you can apply for a special sponsored Card. Look for student applications on campus, or call 1-800-THE-CARD, and tell them you want a student application.

The American Express Card. Don't leave school without it.