

Minority, women admissions

1985-1987

Class of:	Total Applicants	Minorities Admitted	Women Admitted
1988	6055	185	509
1989	5745	150	523
1990	6198	193	659
1991	7368	243	613

Tech graphic by David B. Plass

MIT admits Class of 1991 Record number of minority students accepted

By Ben Z. Stanger

MIT has admitted a record number of minorities to the Class of 1991, according to Michael C. Behnke, director of the Office of Admissions. The 1670 students admitted, chosen from an all-time high number of 7368 applicants, include over 14 percent minorities and 37 percent women.

The 243 underrepresented minority applicants admitted represent a 26 percent increase over last year. This group consists of 131 blacks, 65 Mexican-Americans, 41 Puerto Ricans, and six Native Americans, according to figures from the admissions office.

Minority recruitment lauded

Applications from minorities increased by 38 percent over last year, which "reverses the national trend" of declining minority enrollments in colleges, Behnke said. He attributed the rise to

several factors, including the Minority Introduction To Engineering and Science program and increased recruitment efforts by the admissions office.

MITES, a six-week summer program for minority students between junior and senior year in high school was "extremely successful" this year, Behnke said. Thirty-eight of the participants in this summer's MITES program applied to MIT.

There are presently two full-time minority recruitment officers in the admissions office. Coordinator of Minority Admissions Eduardo Grado '83 made "unbelievable efforts" to ensure that applications from minority students were in order, Behnke said. The other officer, Clinton Elliot, joined the staff in the fall.

Behnke said the rise in black applicants might also be a by-product of the *Challenger* disaster and death of black astronaut Ronald E. McNair PhD '76.

Behnke said that affirmative action generally takes the form of greater "follow-up" by admissions officers — both to increase the number of minority students who apply, and to increase the confidence level that a candidate will be successful at MIT.

Campus Preview, an orientation program for women and minorities admitted to the Class of 1991, will be held April 9 through April 11.

The increase in minority acceptances has been the "most significant change" from previous years, Behnke said. "We want to repeat it."

Behnke details admissions statistics

In deciding how many offers of admission to extend, MIT assumes that no more than 60 percent of those admitted will enroll — an overestimate, according to Behnke. The admissions office then pulls names off the waiting list to arrive at the final class size of at most 1000 students, the same as last year, Behnke said.

Last year, 38 percent of those admitted were women, and a similar percentage of the enrolled class was female. Behnke expects that 37 percent of freshmen attending next year will be women, the same percentage as was admitted.

The number of Asian-Americans offered admission went up from 320 to 349, a nine percent increase. MIT received 31 percent more applications from Asian Americans this year over last year.

The number of international applicants accepted also increased, from 102 to 125.

Only a fifth of those admitted said they were interested in majoring in the department of electrical engineering and computer science. (Please turn to page 2)

Biology drops requirement

By Robert Adams

The biology department has removed General Biology (7.01), as a formal requirement for its majors, according to Professor Graham C. Walker. The course originally was not a departmental requirement, and is "no longer obligatory," Walker said.

The Undergraduate Academic Support Office was informed in the latter part of December that the course would be dropped as a requirement, according to David S. Wiley '61, head of the UASO. At that point, it was too late to include the information in the December freshman newsletter, Wiley said.

"We sent a detailed letter to the freshman advisors," in which there was a section devoted to the new requirements in biology, Wiley explained. "Next year, we will certainly have it in the December newsletter [to freshmen]," and it should appear in the 1987-8 course catalog, Wiley added.

There are 183 students taking 7.01 this term, 81 of whom are freshmen, according to the Registrar's Office.

7.01 has been substituted as a

fourth restricted elective for biology majors. Instead of taking 7.01, students may now take a more advanced course in its place, Walker said. The reason for this change was to enable students desiring an introductory course in biology to take 7.01 and have it count as a requirement. Students who felt ready for more advanced courses would not have to take 7.01, he added.

The UASO had been uncomfortable with 7.01 as a required course for several years, Wiley said. Since it is only offered in the spring term, it became a *de facto* freshman requirement, he said.

Many freshmen felt compelled to take 7.01 in addition to their other courses, which in many cases resulted in freshmen having to take a full load of five classes. "We support the change. We think it's a good thing," Wiley commented.

New format of 7.01

Unlike 7.01 in previous terms, 7.01 this term includes many guest lecturers who speak on topics related to their research. The

purpose of the new format is "to give students a better idea of modern biology," Walker said. "Professor Ingram does a good job of choosing good lecturers who are excited about their work," Walker added. This is the first time that the new format is being used.

"One needs to emphasize that this is experimental," said Professor Ingram. (Please turn to page 14)

Deutch urges policy of deterrence

By Akbar Merchant

MIT Provost John M. Deutch '61 stressed the importance of deterrence in arms control at an open microphone exchange with Greater Boston Physicians for Social Responsibility last Tuesday at the MIT Faculty Club.

Deutch presented his perspectives on the current state of arms control, modernization of the Intercontinental Ballistic Missile

force, and the Strategic Defense Initiative.

He noted that the goal of avoiding nuclear war is not in contention; what divides our society is how this should be attained. Deutch went on to discuss the different premises commonly held in the United States.

In the United States and in nations allied with the US, there are two common premises about the Soviet Union, Deutch said. One group, which includes Deutch, believes that the Soviets are motivated toward world domination, though not necessarily through a path of war.

The alternate view is that the US and its allies and the Soviet Union are on a mad course of action, and what is required is a new basis for the relationship between the US and Soviet Union, Deutch said.

Whichever premise one may hold, there are two available approaches to the issue, Deutch said. One is to apply general principles to determine what the world ought to be like. This method is commonly used by private political groups.



MIT News Office
MIT Provost John M. Deutch '61

Course I offers new undergraduate program

By Paula Maute

The department of civil engineering has announced a new undergraduate program in environmental science and engineering.

The environmental science and engineering curriculum will provide students with a "foundation for dealing with" the broad spectrum of man-made environmental problems ranging from ground water pollution to nuclear waste disposal, according to Professor Rafael Bras '72, coordinator of the degree program and head of the Water Resources and Environmental Engineering Division.

The program will provide students with a framework to analyze, assess and manage environmental issues, according to Bras. Students will be trained for careers in environmental management, planning, engineering and policy making, he added. Students may also opt for continued graduate study in the field.

Degree requirements include twelve courses in the civil engi-

neering and environmental science field, two laboratory classes and three "planned" electives. Required subjects include fundamentals in fluid mechanics, hydrology, chemical thermodynamics, environmental chemistry, waste water treatment, ecology, computer analysis, and probability and statistics.

"There are many departments and groups at MIT interested in environmental issues," and the new degree program draws from them, Bras said.

Students can mold their studies to focus on specific environmental concerns, said Professor Keith Stolzenbach '66, undergraduate officer of the civil engineering department. "We hope they will use the flexibility" of the program to look at issues particularly interesting to them, he added.

The environmental science and engineering degree was created, in part, in response to "an increased demand" for graduates with environmental science backgrounds, Stolzenbach said. The

Student Center plans are drawn up

By Jai Young Kim

The MIT Student Center is undergoing the final stages of schematic design for its upcoming renovation, according to West Plaza Director of Operations Stephen D. Immerman.

The renovation, Immerman said, will be a major 12 to 18-month project, scheduled to begin around Aug. 1 and estimated to cost \$7-7.5 million.

Immerman said that the Student Center management is looking for every possible interim space for Student Center services, and said that food would probably be served in La Sala de Puerto Rico during the renovation.

Immerman stressed, "Everyone recognizes that it's going to be uncomfortable, . . . but a greatly enhanced Student Center will be more than worth the sacrifices."

In two weeks, "we will be communicating with all of us who work and 'live' in the building, so we can hopefully ease and prepare what will undeniably be a very disruptive period of time."

The current plan would change Lobdell Dining Room into a multi-level eating facility, the second floor having a "food court" on the northern side and raised seating platforms in the two eastern corners with a performance stage

in between. Balcony dining is planned for the third floor. This area would overlook the second-floor dining area, and replace Twenty Chimneys, Immerman said.

Other currently proposed changes to the Student Center include new stairwells and improved elevators located in the center of each floor, Immerman said. Men's and women's restrooms would also be placed on every floor except for the first.

Student Center seeks retailers

Immerman was not sure which vendors will occupy the basement. (Please turn to page 10)

MIT admits most minorities ever

(Continued from page 1)
 science, slightly down from 22 percent the previous year.

New selection procedure takes effect

The admissions office used a new rating system — based on giving applicants an additional "personal" rating — to admit the Class of 1991, Behnke said. He said the rating system was successful, and gave a "much better description of the applicant."

All applicants received an academic rating, as before, in addi-

tion to a new personal rating, which evaluates subjective qualities of applicants, such as how they spend their time, Behnke said.

The academic rating comes from an equation which weighs most heavily math and science scores but includes all other scores. The academic rating also includes "unquantifiable" details, including prizes, research, and outstanding recommendations.

This system gives admissions officers a collection of ratings, rather than single numbers.

Admissions officers had feared that the new rating system would make the selection process less efficient. But because the system gave a clearer picture of each applicant, Behnke said it "didn't slow us down."

Admissions office more selective this year

The 18 percent increase in applications allowed MIT to be more selective, Behnke said.

Usually, when the number of applicants increases dramatically, the average applicant's test scores decline, resulting more or less in a similar applicant pool, according to Behnke.

This year was an exception, he said, citing increases in the "objective indexes" of all applicants, including Scholastic Aptitude Test scores and class rank.

The result has been an admitted class with higher average scores. The average verbal SAT of accepted students increased from 635 to 641 while the average math score increased from 730 to 734.

Ninety percent of those admitted to the Class of 1991 were in the top five percent of their high school class, up from 88 percent last year. In addition, 41 percent of the admitted group were their school's valedictorian.



Cristina Gordy

Smoking Prohibited in Building 24 . . . Smoke emanating from an improper mixture of epoxy resins brought seven fire engines, two ambulances, and a hazardous materials unit to Building 24 yesterday afternoon. There was no fire, and there were no injuries, according to Robert C. Dilorio of the MIT News Office.

Glen D. Ross, a project technician in the Laboratory for Nuclear Science, mixed two epoxies together to render them inert and safe for disposal, Dilorio said. Apparently, one of the containers held "fast acting" epoxy, which required a larger volume with which to mix them. Within several minutes, smoke began to billow from the room, 24-033. The fumes from the two-part epoxy are not dangerous in small amounts, Dilorio said.

Alan M. Ducatman, chief of the MIT Environmental Medical Service, requested that Building 24 remain closed until today.

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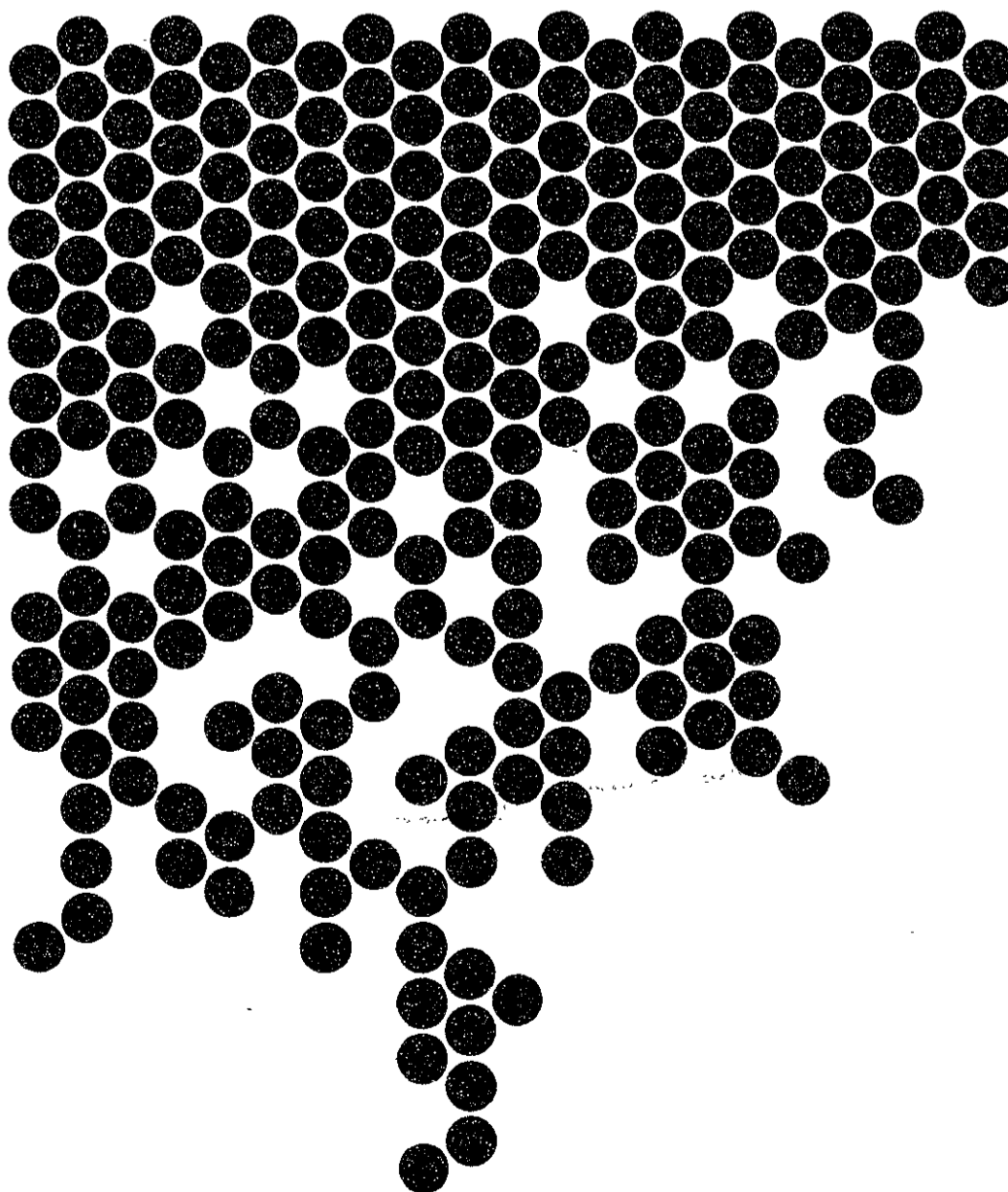
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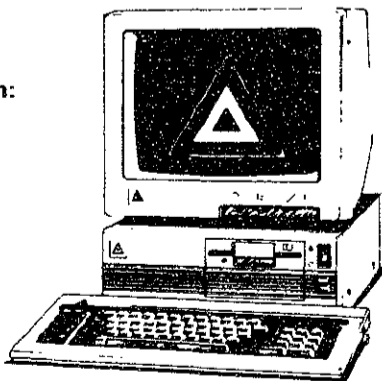
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news roundup

from the associated press wire

World

US embassy guards recalled

All the US Marine guards stationed at the US embassy in Moscow are being recalled to the United States. The State Department said yesterday that these guards will be questioned in the investigation of alleged spying by two Marines who were assigned to the embassy. None of the Marines being recalled was accused of wrongdoing. They will be replaced by other Marines.

The arrests of the two guards have forced US officials to cut off important communications channels with American diplomats in Moscow.

Gorbachev willing to discuss human rights

Soviet Leader Mikhail Gorbachev said he is ready to discuss human rights "openly and loudly," but only if the topic includes unemployment, homelessness, and discrimination in the West. Gorbachev's remarks came during a state banquet yesterday for visiting British Prime Minister Margaret Thatcher.

Van Gogh painting sells for \$40 million

An unidentified buyer purchased Vincent VanGogh's painting "Sunflowers" yesterday for \$40 million dollars. That triples the record for the price of an auctioned painting.

Nation

Supreme Court extends preferential hiring of women and minorities

In a 6-3 decision, the Supreme Court ruled Thursday that employers may sometimes favor women and minorities over better qualified men and whites. The decision upheld a California city's affirmative-action plan for women and minority employees. It was the first time that the Court had held that without any proof of past discrimination against women or minorities by a particular employer, an employer may use racial and gender preferences in hiring and promotions. The dispute arose when a man sued the Santa Clara County Transportation Agency for refusing him a promotion in favor of a woman with a slightly lower score in an interviewing process. The decision, which said that employers may use underrepresentation of women and minorities to justify preferential promotions, was written by Justice William J. Brennan Jr.

In dissent, Justice Antonin Scalia said that the Supreme Court had turned a 1964 antidiscrimination law into an "engine of discrimination" against men and whites, especially the "unknown, unaffluent, and unorganized." (*The New York Times*)

Student reveals role in spy arrest

A Guyanan-born college student has told a story of his role in trapping a Soviet spy. Leakh Bhoge said he was the student Gennadiy Zakharov approached in 1983 about access to classified material. Bhoge says he went to the FBI and was told to play along — eventually leading to last August's arrest of the Soviet United Nations worker on spying charges. He said the experience was nerve-wracking and he would not do it again.

Weinberger acknowledges spying

While Israel was spying on the United States, the United States might have been doing the same to Israel. Britain's *Sunday Times* quotes Defense Secretary Caspar Weinberger as saying the United States spies on Israel and other "friendly countries." The paper says the disclosures came in a secret affidavit filed in the Jonathan Pollard espionage trial. Weinberger reportedly suggested the Pollard case had seriously damaged US intelligence gathering in "friendly nations," such as Israel, Saudi Arabia, and South Africa.

Shiites kill protesters

A Palestinian spokesman says Shiite Moslem forces have gunned down four women who were protesting the four-month-old siege at their Beirut refugee camp on Sunday. One of the women was pregnant. The militia says it fired on guerillas who were behind women demonstrators. Four women and two children were shot dead at another refugee camp last week.

Soviets accuse US army of creating AIDS virus

The virus that causes AIDS leaked from a US Army laboratory conducting biological warfare experiments, according to a Soviet military bulletin. The bulletin cited unidentified scientists in the United States, Britain, and East Germany to support its claim that the virus may have been a result of US military experiments.

Surgeon General skeptical that AIDS vaccine is imminent

Surgeon General C. Everett Koop told CBS yesterday that he doubts there will be an AIDS vaccine before the year 2000. Medical experts had said last week that a vaccine should be ready for general use by the mid-1990s.

Underground clinics in more than forty US cities are dispensing homemade experimental drugs to desperate AIDS patients, according to the *Chicago Sun-Times*. Several thousand self-declared guinea pigs are treating themselves, the newspaper said.

North and Poindexter raise funds

Friends and former classmates of Admiral John Poindexter and Lieutenant Colonel Oliver North report that money raising is going well for their legal defense funds. Trustees of Poindexter's fund will not say how much it contains, but friends of North say they have received \$65,000 to help the fired national security aide. Both North and Poindexter, who was President Reagan's National Security Advisor, have so far refused to testify about their role in arms sales to Iran and the alleged diversion of profits to Nicaraguan *contra* rebels.

Academy award winners

Best Picture: "Platoon"
 Best Director: Oliver Stone ("Platoon")
 Best Actor: Paul Newman ("The Color of Money")
 Best Actress: Marlee Matlin ("Children of a Lesser God")
 Best Supporting Actor: Michael Caine ("Hannah and Her Sisters")
 Best Supporting Actress: Dianne Wiest ("Hannah and Her Sisters")
 Best Foreign Language Film: "The Assault"
 Best Screenplay Based on Material from Another Medium: Ruth Praver Jhabvala ("A Room with a View")
 Best Original Screenplay: Woody Allen ("Hannah and Her Sisters")
 Best Film Editing: "Platoon"
 Best Achievement in Sound: "Platoon"
 Best Sound Effects: "Aliens"
 Best Art Direction: "A Room with a View"
 Best Costume Design: Jenny Beavan, John Bright ("A Room with a View")
 Best Cinematography: Chris Menges ("The Mission")
 Best Visual Effects: "Aliens"
 Best Makeup: "The Fly"
 Best Original Score: Herbie Hancock ("Round Midnight")
 Best Original Song: "Take My Breath Away" by Berlin ("Top Gun")

Sports

Indiana wins NCAA tournament

Keith Smart hit a fadeaway 10-foot jumper from the left baseline with less than 10 seconds left as the Indiana Hoosiers defeated the Syracuse Orangemen, 74-73, to win the National Collegiate Athletic Association men's basketball crown in New Orleans last night.

Smart finished the game with 21 points and six assists while teammate Steve Alford tallied 23 points, including 21 from three-point territory. Smart completed the win by intercepting Derrick Coleman's long pass as the final buzzer sounded on Indiana Coach Bobby Knight's third national crown.

Coleman led the Orangemen with 19 rebounds, but missed a crucial 1-and-1 with 28 seconds to play that could have sealed the victory for Syracuse. Smart had brought the Hoosiers within one-point on a driving lay-up. Daryl Thomas tallied 20 points for Indiana, while center Dean Garrett added ten rebounds and ten points. Sherman Douglas scored 20 for Syracuse.

Knight becomes only the third man in NCAA history to win at least three basketball titles. Kentucky's Adolph Rupp won four and John Wooden of UCLA captured ten. Knight's other two championships came in 1976 and 1981.

Stock market plummets

Threats of a US-Japanese trade war sent the stock market into a nose dive yesterday. The Dow Jones Industrial Average closed 57.39 points below where it was at the closing bell Friday, ending at 2278.41. Analysts say traders are nervous that the trade strain could lead to higher inflation.

Weather

Out like a lion

An intense storm located over Pennsylvania this morning will move northward through New York state into Ontario by tomorrow. This system should give us quite a soaking over the next 24 hours or so before winding down tomorrow afternoon. After it passes, cold air will be brought in here for Thursday and there is a chance that we may even see a few flakes of snow late in the week.

Today: Cloudy, mild, and quite windy with rain, heavy at times, especially through early afternoon. Winds southeasterly at 20-40 mph (12-24 kph). Highs 55-60°F (13-16°C).

Tonight: Windy and mild with showers. Lows in the mid 50s (12-14°C).

Wednesday: More rain, especially in the morning. The rain may end in a period of snow to our west as temperatures fall to approximately 40°F (4°C) by late afternoon.

Thursday: Mostly sunny, breezy, and cold. Highs in the low 40s (4-6°C).

Forecast by Chris Davis

Compiled by Robert Adams and Andrew L. Fish

LIVE AND STUDY AT WELLESLEY COLLEGE 1987-88

Applications for the Wellesley-MIT Residence Exchange are available in the Wellesley-MIT Exchange Office, 7-108, x3-1668.

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opinion

feedback

Test scores do not predict success

(Continued from page 4)

ing number of expensive test coaching schools.

While standardized test scores do explain some of the variance in college grades, they do not, according to any study I have seen, correlate with any measure of success after college. This fact should and does lead us to be cautious in limiting access to MIT based upon those tests. This caution is reinforced by the fact that standardized tests do correlate strongly with one thing — income.

Among black college bound seniors, median SAT totals are 131 points higher for students whose parents earned at least \$50,000 versus students from families earning between \$18,000 and \$23,999. Unfortunately, over 70 percent of black students came from families with incomes below \$23,999, compared to only 30 percent of white students.

Other than his fixation on test scores, Hu offers a very intelligent and helpful discussion of the

issues. I object not so much to his conclusions as to his tone and his language. I object particularly to his description of MIT's policy as admitting "nearly any minority applicant... who can do the work and has a reasonable chance of graduating."

From among those applicants who appear qualified to succeed at MIT, we do try to admit as many underrepresented minority students as possible. But we also try to make responsible decisions. We deny a substantial number of minority students who would have had a "reasonable chance of graduating from MIT."

We want to feel confident that each student can succeed. Hu's statistics indicate that the minority students we admit are outstanding. The differences between them and the other students at MIT are insignificant compared to the difference between them and all students across the country.

The average high school rank for minority students enrolling at

MIT in 1986 was top three percent of the class compared to an average of top two percent for non-minorities.

I'm sure that someone is going to conclude that this difference means that minorities are 50 percent less qualified than others. For myself, I would rather not dwell on small differences in rank or test scores and instead get on with the important and stimulating business of living in an increasingly pluralistic MIT.

Michael C. Behnke
Director of Admissions

US military defends the freedoms of its citizens

To the Editor:

Though not really surprised, I am dismayed by the recent portrayal of the US military as a malevolent organization eager to "subjugate people to totalitarian regimes" in the opinion pages of *The Tech*. I served in the Air Force for four years; my understanding of the purpose of our military could not be further from yours.

The US armed forces stand ready to protect our country and our allies against the subjugation of their citizens. They exist to protect both your constitutional

rights and mine against those who would take them from us. I am proud of our way of life and believe that our status as a leader of the free world stems directly from our standing.

I chose to serve in the Air Force to help preserve our freedoms and yes, I suppose I was "potential cannon fodder." So be it. What this country offers is worth fighting for. If you are unwilling to fight to protect it, be glad that better men and women than you will.

Robert S. Wolf G

On-campus arts should come first

To the Editor:

I was hoping that today's issue of *The Tech* [Friday, March 20] would have a review of the MIT Symphony Orchestra Concert of Saturday, March 14, but I was sadly disappointed.

The performance last Saturday in Kresge of the Mahler Symphony #1 was the best the MIT Symphony has sounded in the five and one half years I have been at MIT. Guest conductor Alan Yamamoto got the most out of the orchestra, and the results were musically uplifting. The orchestra also performed the Beethoven Piano Concerto #3 and did a fine job of supporting the piano soloist, Lois Shapiro.

You had a classical music re-

viewer available that night since you published a review of Saturday's Boston Symphony Orchestra concert in Tuesday's issue of *The Tech*. You need to reexamine your priorities when you choose to review an off-campus, non-student activity over an on-campus event involving a large number of MIT students.

This concert especially deserved to be reviewed in the student newspaper because the orchestra and conductor put a lot of feeling and hard work into their performance and the result was a truly memorable musical experience.

I hope in the future you will try to review student concerts before those of professionals not affiliated with MIT, since *The*

Tech is the only place student concerts will be reviewed. If I want to read a review of a concert by the BSO, I can always look in *The Boston Globe*.

Barbara Hughey G

The Tech's Arts Editor Peter E. Dunn G replies: The *Tech* did not make a conscious decision to review the Boston Symphony Orchestra on Saturday, March 14 and not the MIT Symphony Orchestra Concert. The arts department makes a concerted effort to cover as many on-campus events as possible but, sadly, we are severely understaffed. From *Tech* reviews in recent months, readers may have noticed that we do not have regular reviewers for jazz music, art exhibits, books, dance, or classical music. The *Tech* would be able to cover more on-campus events if more students join our arts staff.

It is our policy to try to cover events that the MIT community can attend after reading the review. For this reason, *The Tech* runs many articles on, for example, film and theater. The BSO, featuring Kyung-Wha Chung and Simon Rattle, gave a repeat performance on March 17, the day that the review appeared in *The Tech*.

The more important reason why we covered the BSO, however, was that somebody was actually interested in covering the BSO concert. No one decided to review the BSO instead of the MIT Symphony; the reviewer was simply interested in attending the BSO concert.

Editorials, marked as such and printed in a distinctive format, are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors and opinion editors.

Dissents, marked as such and printed in a distinctive format, are the opinions of the undersigned members of the editorial board choosing to publish their disagreement with the editorial.

Columns and *editorial cartoons* are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the Editor are welcome. They must be typed and addressed to *The Tech*, PO Box 29, MIT Branch, Cambridge MA 02139, or by interdepartmental mail to Room W20-483.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters. We regret we cannot publish all of the letters we receive.

feedback

Alumnus donates to divestiture fund

(Editor's note: The *Tech* received a copy of this letter to the MIT Alumni Fund.)

To Whom It May Concern:

Enclosed you will find a check in the amount of \$50 to fulfill my pledge to contribute to an Association of MIT Alumnae scholarship. This contribution marks the fifth consecutive year I have given money to MIT since my graduation in 1982.

It will, however, be my last donation until such time as MIT's portfolio is divested of all stocks of companies doing business in South Africa. Until then, I will send my annual contributions to the MIT Endowment for Divestiture.

I did not make this decision lightly. I knew when I began contributing that MIT invested in companies doing business in South Africa, but felt that it was important for me to help MIT provide needy students with scholarships.

Now, however, the situation in South Africa has deteriorated to the point where I can no longer justify giving monetary support

to an institution which refuses to accede to the wishes of the vast majority of black South Africans who strongly support disinvestment as an effective way of ending the scourge of apartheid.

I have followed the debates over divestment in the world at large and in the pages of *The Tech* (on which I once served as editor-in-chief). I simply am not convinced by President Paul E. Gray's rationales for MIT's continued refusal to divest.

The claim that divestiture is a symbolic rather than an effective means of influencing events in South Africa is belied by the growing number of companies leaving South Africa. I am reluctant even to deign to address Gray's argument that divestment is inappropriate for MIT as an educational institution because it is a political act.

Because of its role and prestige, many of MIT's actions are political, some (spinning off Draper Labs, refusing to allow classified research on campus) overtly so. Most importantly, the refusal to divest is just as much a political statement as divestiture — and a political statement with

which I strongly disagree.

The loss of my contributions, however small, cannot be rationalized by counting me among those disgruntled alumni and alumnae who would in any event fail to support their alma mater.

I was and am a strong supporter of MIT — I was active in campus activities as a student and am currently participating in AMITA's high school visiting program. And to demonstrate that I would have given MIT money but for its refusal to divest, I will be making regular contributions to the MIT Endowment for Divestiture.

In fact, I have given them \$50 to offset the \$50 I enclose today, which I am donating only because I pledged to do so before hearing about the Endowment and am loathe to break a promise.

I hope that I will not have to make any more contributions to the Endowment for Divestiture because MIT will act promptly to join the many educational institutions, cities, and states which have expressed their opposition to apartheid by divesting.

Stephanie Pollack '82

Brown students propose end to SAT as admission criteria

To the Editor:

We are a group of concerned students who would like to share with your undergraduates a referendum which we are sponsoring at Brown University.

Our purpose in having the Brown student body vote on the resolution, "The College Admission office should no longer require prospective Brown students to submit Scholastic Aptitude Test scores," is to determine whether this was a pressing issue within the Brown community. We believe from the initial response of our undergraduates is that this is indeed a timely issue.

MIT (as you know) is considered a "selective" college. According to many, the SAT is an important factor only at selective colleges. We disagree. It is not an important factor anywhere.

Many questions can be raised about the SAT. We believe the time has come when high school seniors across this country should stop having to pay to take a test which indicates the socio-economic condition of the student's parents rather than the student's ability to work.

Why do minorities do worse on the test than their educational disadvantages can account for? How substantive can the test be if some coaching companies regularly improve scores more than 150 points?

How genuine are the scores if

so many people are known to cheat on such poorly proctored exams? How can Educational Testing Services, which makes the SAT, be trusted to monitor its own performance when this, their most profitable test, accounts for much of their revenue?

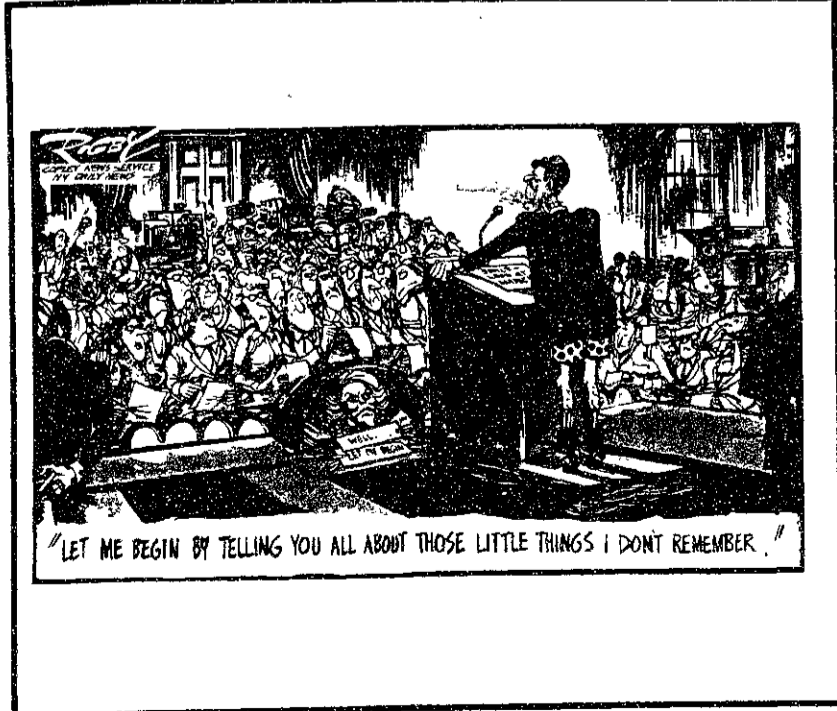
The SAT is not objective; it is not a valid or reliable standard. Great as it might be to have such a touchstone, this test is not it.

As David Owen writes in his devastating book, *None of the Above*, "There is nothing genuinely objective about a test like the SAT; it is written, compiled, keyed, and interpreted by highly subjective human beings. The principal difference between it and a test that can't be graded by a machine is that it leaves no room for more than one correct answer."

ETS does not have a monopoly on knowledge, though we are measured by its researchers' judgements. Needless to say, many who think creatively or split hairs do not do well on such a test, though they do well in school.

The Carnegie Foundation for the Advancement of Teaching, which helped the College Board create ETS, has stated, in a report soon to be published, that most colleges need not require their students to take the SAT because most colleges no longer ad-

(Please turn to page 6)



"LET ME BEGIN BY TELLING YOU ALL ABOUT THOSE LITTLE THINGS I DON'T REMEMBER."

opinion

"Lethal Weapon" was entertaining

To the Editor:

I am writing to express my dismay at Julian West's recent review of the movie "Lethal Weapon" ["'Lethal Weapon' says nothing about life, only death," March 13]. I think the critic has faced the wrong issue with this movie. It is not supposed to have any moralistic message. You print

SAT is biased and inaccurate; colleges should not require it

(Continued from page 5)

mit selectively. If they are going to let everyone in anyway, why should they require their applicants to spend time and money on a test they don't need?

This means that Brown, and your school, as well as a few other colleges who do have competitive admissions, are the only ones who benefit from the program at all.

If we get little use out of the SAT, why should we worry about jeopardizing its place in the testing market? When the influential Carnegie Foundation's report convinces many colleges who don't need it to actually drop it, the cost of the test will climb and we will more urgently ask, "Why not us too?"

As students at Brown we are concerned about the SAT being used on our campus. Questions of bias, inaccuracy, and practicality lead us to push for a re-evaluation of the SAT on our campus.

The time has arrived for we, the undergraduates of "selective" colleges, to question the entire testing industry in this country.

the article under the header "Arts" and try to evaluate the movie in that way.

But the purpose of this movie is not to make some artistic or philosophical point, but simply to entertain. It is "Entertainment," not "Art." And, as entertainment, "Lethal Weapon" is top-notch.

The critic is upset about the stereotypical way women are portrayed in this movie. But "Lethal Weapon" is not trying to make a statement about women or any other issue. The only possible message would be to show the effect of Murtaugh's personality and influence which brings Riggs away from "the edge" and his suicidal tendencies.

I found "Lethal Weapon" to be exciting, powerful, funny, and enjoyable. I hope your reviewer has another chance to view it, hopefully in a lighter mood. He should be thinking about enjoying the movie, not trying to find some righteous message.

Timothy M. Townsend '90

Perhaps this is an issue which members of your campus would like to raise and question.

Michael Spalter

Founder, Students Against Testing

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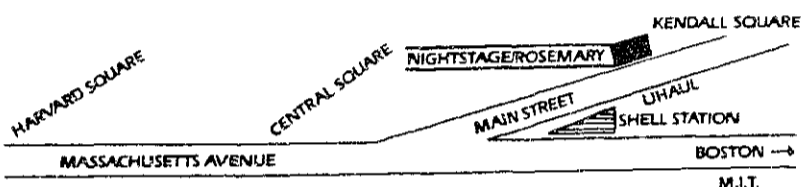
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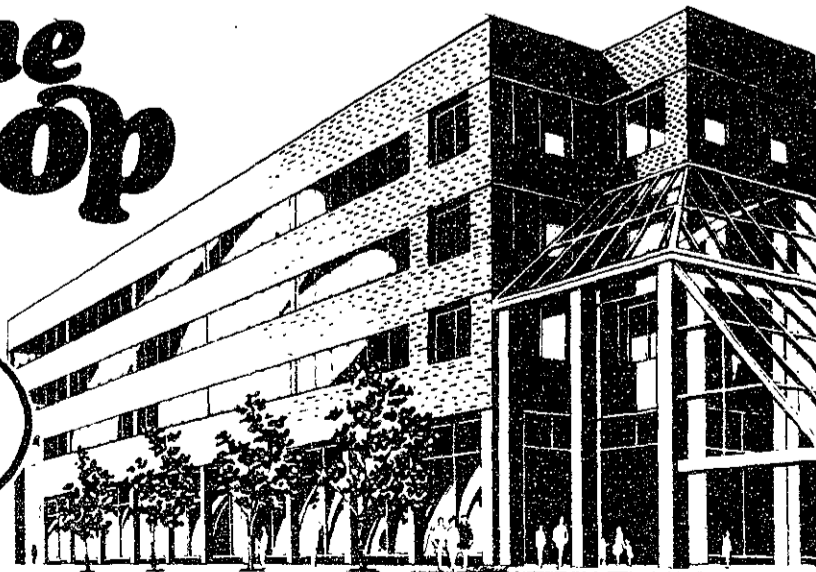
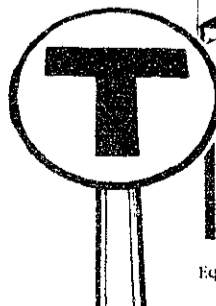
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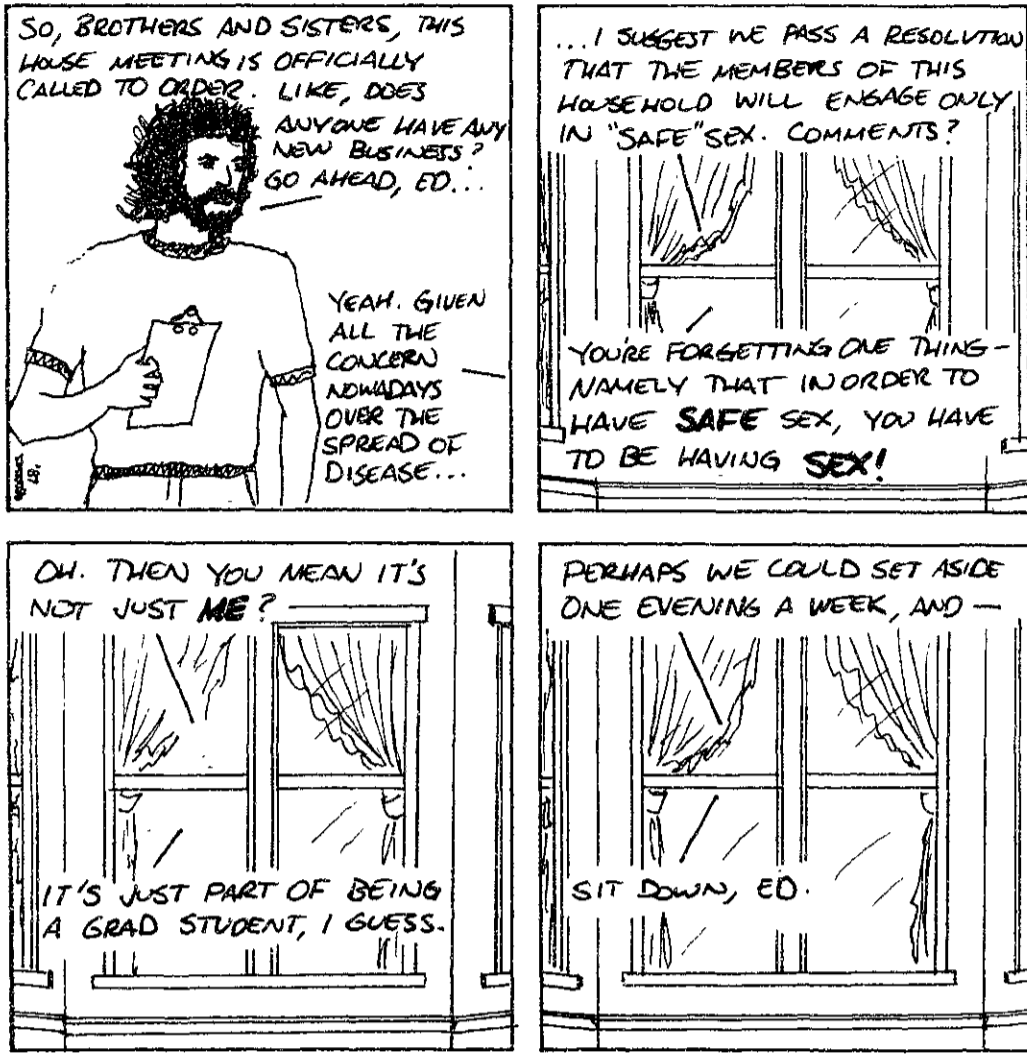
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ARTS

Ongoing

THEATER

***** CRITIC'S CHOICE *****
"The Real Inspector Hound," Tom Stoppard's one-act comedy wherein reality and illusion intertwine as two theater critics attend a performance of an Agatha Christie-style murder mystery, and "After Magritte," Stoppard's story of an eccentric suburban family under interrogation by Scotland Yard for alleged crimes including illegal leg amputations, robbery of a local minstrel troupe, and running a "disorderly house," continue at the New Erehlic Theatre, 539 Tremont Street, Boston, through April 4. Tickets: \$10-\$15. Tel: 482-6316.

Arthur Miller's powerful post-war drama, "All My Sons," continues at the Wilbur Theatre, 246 Tremont Street, Boston, through April 5. Tickets: \$13.50-\$28.50. Telephone: 423-4008.

"The Hasty Heart," set in a South Pacific Army hospital during World War II and revolving around five patients and a nurse whose playful bantering and strong friendships chip away at the pride and cynicism of an embittered Scotsman, continues at the Lyric Stage, 54 Charles Street, Boston, through April 5. Tickets: \$9-\$12. Telephone: 742-8703.

"Nite Club Confidential," by Dennis Deal, a fresh, funny, fast-paced musical that parodies the sophisticated night club scene, continues at the Next Move Theatre, One Boylston Place, Boston, until April 5. Tickets: \$19.50-\$26.50. Telephone: 423-5572.

"Forbidden Broadway 1987," the newest updated version of Gerard Alessandrini's hit musical comedy revue, continues indefinitely at the Terrace Room of the Park Plaza Hotel. Tickets: \$15-\$21.50. Telephone: 357-8384.

"Nonsense," a musical comedy by Dan Goggin recounting the trials of the Little Sisters of Hoboken, who stage a talent show in order to raise money to bury four of their number who died of botulism and who are currently on ice in the convent freezer, continues indefinitely at the Boston Shakespeare Theatre, 52 St. Botolph Street, Boston. Tickets: \$17.50-\$25.50. Telephone: 267-5600.

"Little Shop of Horrors," the deliberately seedy musical by Howard Ashman and Alan Menken, based on Roger Corman's 1960 B-grade horror film, tells the tale of a blood devouring vegetable and the nerd who nurtures it. Continues indefinitely at the Charles Playhouse, 73 Warrenton Street, Boston. Tickets: \$17.50-\$25.50. Telephone: 426-6912.

EXHIBITS

"Photographs from Asia," by Robert Newman '88, continues at the Weisner Gallery, second floor of the MIT Student Center, through April 2.

Large-scale, mixed-media paintings by Boston artists Alyson Schultz and Elizabeth Rosenblum are featured at the Boston University's George Sherman Union Gallery, 775 Commonwealth Avenue, Boston, through April 3. No admission charge. Telephone: 353-9425.

An exhibit of plaster reliefs by Julie Graham continues at the Northeastern University Richards Gallery through April 3. Telephone: 437-2249.

"Nursing Home," an exhibit of photographs by Jim Goldberg, continues at the Clarence Kennedy Gallery, 770 Main Street, Cambridge, through April 4 with gallery hours Tues-Sat, 11:00-5:00. No admission charge. Telephone: 377-5177.

"Elegies: Sleep • Napalm • Night Sky; Works from Twenty-Five Year" by Rudolf Barank continues at the Boston University Art Gallery, 855 Comm. Ave., Boston, through April 5. No admission charge. Telephone: 353-3329.

"Tony Smith: The Shape of Space," an exhibition celebrating the monumental painted steel sculpture "For Marjorie," continues at the Bakalar Sculpture Gallery at the List Visual Arts Center, 20 Ames Street, until April 5. Telephone: 253-4400.

"Krzysztof Wodiczko: Counter-Monuments," a presentation of large photographic documentation of projected slides on buildings, continues at the Hayden Gallery at the List Visual Arts Center, 20 Ames Street, until April 12. Telephone: 253-4400.

"Out of Eastern Europe: Private Photography," a selection of "semi-official" contemporary photographs by independent artists from East Germany, Czechoslovakia, Hungary, and Poland, continues at the Reference Gallery at the List Visual Arts Center, 20 Ames Street, until April 12. Telephone: 253-4680.

"Glass Works," an exhibit by Diane Wignall, continues at the Boston Gallery, 300 Walnut Avenue, Roxbury, through April 12. Admission: \$1.25 adults, 50¢ seniors and children. Telephone: 442-8614.

An exhibit of Japanese Calligraphy and Brush Painting by artists of the Kaji Aso Studio continues at 40 St. Stephen Street, Boston, through April 23. Persons may also participate in a Japanese Tea Ceremony each Sunday from 4 pm to 6 pm. No admission charge except for Tea Ceremony, \$10. Tel: 247-1719.

"Ben Thompson & Associates Inc.: 20th Anniversary Exhibit," models, photos, and plans chronicling the history of this exciting architecture firm, continues at the MIT Museum through April 25. No admission charge. Telephone: 253-4444.

The Museum of the National Center of Afro-American Artists presents an exhibit by Robert H. Graham entitled "South Africa and Other Anguish." Continues at 300 Walnut Avenue, Boston, through April 26.

*** CRITIC'S CHOICE ***

The latest work by Richard Avedon, photographs entitled "In the American West," continues at the Institute for Contemporary Art, 955 Boylston Street, Boston, through April 26. Open Wed through Sun — 11 am to 5 pm, Thur and Fri — 11 am to 8 pm. Admission: \$3.50 adults, \$2 students, \$1 seniors and children. Telephone: 266-5151 or 266-5152.

"The Art That Is Life: The Arts and Crafts Movement in America" continues at the MFA through May 31.

The exhibition of important drawings from the late fifteenth to early twentieth century, entitled "Selected Drawings from the Collection," continues at the Isabella Stewart Gardner Museum, 2 Palace Road, Boston, until June 1. The exhibit includes Michelangelo's late "Pietà" and Raphael's "Papal Profession." Admission: \$3 suggested donation. Telephone: 566-1401.

Fine press printers and binders, illustrators, calligraphers, and decorated paper makers contribute to "80 Years Later," the anniversary exhibit of the Guild of Bookworkers continues at the MIT Museum through June 27.

"Black on Black," an environmental light installation by Beth Galston exploring relationships between architecture and nature, continues at the MIT Museum through June 27. No admission charge. Telephone: 253-4444.

FILM & VIDEO

The 1987 Boston Gay and Lesbian Film Festival continues through April 9 at the Nickelodeon Cinema, 606 Commonwealth Avenue. Telephone: 424-1500.

Tuesday, March 31

POPULAR MUSIC

Iron Maiden with special guest Wasted perform at 7:30 pm at the Worcester Centrum. Tickets: \$16.50. Telephone: 492-1900 or 720-3434.

*** CRITIC'S CHOICE ***

"TB Tuesday with guests Treat Her Right" perform at the Channel, 25 Necco Street, Boston. Tickets: \$13.50. Telephone: 451-1905.

Alter Ego, No Exit, and Jacks or Better perform at the Paradise, 967 Commonwealth Ave., Boston. Tel: 254-2052.

CLASSICAL MUSIC

The Boston Symphony Orchestra, Andrew Davis conducting, performs Haydn's Symphony No. 92, Stravinsky's "Pulcinella" Suite, and Schubert's Symphony No. 3 at 8 pm at Symphony Hall. Tickets: \$14.50-\$38. Tel: 266-1492.

Rolf Schultze on violin and Lois Shapiro on piano perform music of Mozart and Busoni at 8 pm at Wellesley College Houghton Memorial Chapel. No admission charge. Tel: 235-0320 ext. 2028.

The Mannes Trio, Naumburg International Competition Winners, perform at 6 pm at the Isabella Stewart Gardner Museum, 280 The Fenway, Boston. No admission charge. Telephone: 734-1359.

The New England Conservatory presents an Artist Diploma Recital featuring Hung-Kwan Chen, piano performing works by Schubert, Bartok, Scriabin and Liszt at 8 pm at Jordan Hall, 30 Gainsborough Street, Boston. The NEC Tuesday Night Music features world premieres of works by NEC composition students at 8 pm at Williams Hall, 30 Gainsborough Street, Boston. Both concerts are free. Tel: 262-1120 ext. 257.

JAZZ MUSIC

In celebration of the just-released "Swing" album, Duke Robillard's jazz and blues guitar chops team up with esteemed tenor saxophonist Scott Hamilton and his band at 7:30 and 10:00 at Nightstage, 823 Main Street, Cambridge. Tickets: \$11. Telephone: 497-8200.

EXHIBITS

The Museum of Comparative Zoology presents the "Songs of the Spring Warblers" exhibition, opening today at 26 Oxford Street, Cambridge, and continuing through the summer. Admission: \$2 general, \$1.50 students and seniors, 50¢ children. Telephone: 495-4473.

FILM & VIDEO

The Brattle Theatre does a double bill of films by Maria Meszaros with "Women" (1977) at 4:00 & 7:50 and "Diary for my Children" (1984) at 5:45 & 9:45. At 40 Brattle Street, Cambridge in Harvard Square. Tickets: \$4.75 for the double bill. Telephone: 876-6837.

Wednesday, April 1

Boston Babalon: Church of the Subgenius. The greatest joke ever told? Starting on April Fools Day at 8 pm at the Institute of Contemporary Art (955 Boylston, Boston) with a gala evening of Subgenius videos and culminating on April 3 at 8 pm at Longwood Theatre (Mass. College of Art, 364 Brookline Avenue, Boston) with the grand Deval itself, Subgenius from around the world will descend on the "Hub of the universe" for a gut-busting, anything goes holy experience. Admission: \$5 general & \$3 ICA/MCA members on April 1, \$5 general & free to MCA members on April 3. Telephone: 731-2040.

POPULAR MUSIC

An April Fool's Day party is presented, featuring The Swinging Erudites, at 9 pm at the Conservatory, Boston Marriott, 110 Huntington Avenue, Copley Place. Telephone: 236-5800.

The Jackets, The Cinders, Miranda Warning perform at Jack's, 952 Massachusetts Avenue, Cambridge. Telephone: 491-7800.

On The Town

Nicolet Larson, protégé of Linda Ronstadt and featured backup singer with Neil Young, performs at 7:30 and 10:30 at Nightstage, 823 Main St., Cambridge. Tickets: \$10. Telephone: 497-8200.

Parade, The Real Shivers, and 411 perform at the Rat, 528 Commonwealth Avenue in Kenmore Square. Telephone: 536-9438.

Harlequin, No Such Animal, and Good Queen perform at T.T. The Bears, 10 Brookline Street, Cambridge. Telephone: 492-0082.

CLASSICAL MUSIC

The Boston Classical Orchestra performs a program of works by Bach, Mozart, and Beethoven at 8 pm at Faneuil Hall. Also being presented April 3. Tickets: \$8-\$18 from Boston Classical Orchestra, 551 Tremont Street, Boston, MA 02116.

Anner Bylisma, baroque violinello, and John Gibbons, harpsichord, perform music of J.S. Bach and Vivaldi at the Museum of Fine Arts. Tickets: \$10 general, \$8 MFA members, students, & seniors. Telephone: 267-9300 ext. 306.

FILM & VIDEO

The Somerville Theatre presents "Koyaanisqatsi" (1983, Godfrey Reggio) at 6:00 & 9:45 and "The Last Wave" (1977, Peter Weir) at 7:45. Continues through April 3. At 55 Davis Square just by the Davis Square T-stop on the red line. Telephone: 625-1081.

*** CRITIC'S CHOICE ***

The Brattle Theatre begins its four day film series entitled *American Silent Treasures* with two by Victor Sjöström: "He Who Gets Slapped," with Lon Chaney and John Gilbert, at 5:00 & 8:00 and "Wind" (1927), with Lillian Gish and Lars Hanson, at 3:30, 6:30, & 9:30. At 40 Brattle Street, Cambridge in Harvard Square. Tickets: \$4.75 for the double bill. Telephone: 876-6837.

Thursday, April 2

FILM & VIDEO

The Museum of Fine Art's film series *Life's Work: Individuality and the Machine Age* continues with Robert Flaherty's "Louisiana Story" (1948) at 5:30. The MFA's film series *Before Hollywood: Turn of the Century Film from American Archives* also continues with *The Frontier Spirit*, a collection of three films from 1912 to 1915, at 8:00. Tickets: \$3.50 general, \$3 members, students, & seniors. Telephone: 267-9300 ext. 306.

*** CRITIC'S CHOICE ***

The Brattle Theatre continues its film series *American Silent Treasures* with two films by the great German directors F.W. Murnau and Eric von Stroheim: "Greed" (1923, von Stroheim) at 3:30 & 7:40 and "Sunrise" (1927, Murnau) at 5:30 & 9:45. At 40 Brattle Street, Cambridge in Harvard Square. Tickets: \$4.75 for the double bill. Telephone: 876-6837.

The Harvard-Epworth United Methodist Church continues its *Fritz Lang* series with "Fury" (1936) at 8 pm. At 1555 Massachusetts Avenue, Cambridge. Admission: \$2 contribution.

CLASSICAL MUSIC

Swiss organist Juerg Neuschwander performs works of Du Mage, Kotter, Vogt, Scherer, Bach, and Bruhns at 12:05 pm at the MIT Chapel. No admission charge. Telephone: 253-2906.

The Boston Symphony Orchestra, Andrew Davis, conducting and Rivka, violoncello performs Handel's "Royal Fireworks" Music along with works by Colgrass and Dvorak at 8 pm at Symphony Hall. Also being presented April 3 at 2 pm and April 4 at 8 pm. Tickets: \$14.50-\$38. Telephone: 266-1492.

JAZZ MUSIC

***** CRITIC'S CHOICE *****
 Pianist, composer, arranger Gil Evans brings his stellar 14-piece orchestra for a rare appearance at 7:30 and 10:30 at Nightstage, 823 Main Street, Cambridge. Tickets: \$18. Telephone: 497-8200.

POPULAR MUSIC

***** CRITIC'S CHOICE *****
 WBCN Rock and Roll Rumble winners in 1986, Gang Green perform at the SCC Stray's Bar.

Mala Hari (previously Lizzie Borden and the Axes) performs in an 18+ ages party at Spit, 13 Lansdowne Street, Boston, just across from the entrance to the bleachers at Fenway Park.

Fishbone with guests **Bim Skala Bim** and **Platte O' Shrimp** perform at the Channel, 25 Necco Street, Boston. Tickets: \$6.50 advance/\$7.50 day of show. Telephone: 451-1905.

A record release party for **One Big Voice** is presented at 9 pm at the Conservatory, Boston Marriott, 110 Huntington Ave., Copley Place. Telephone: 236-5800.

The Matweeds, Dr. Black's Combo, Liquid Nik, and The Boy & His Dog perform in an 18+ ages college night at Jack's, 952 Massachusetts Avenue, Cambridge. Telephone: 491-7800.

Bebe Buell & The Gargoyles with The Bags, Randy Black, and Lemonheads perform in an 18+ ages show at the Rat, 528 Commonwealth Avenue in Kenmore Square. Telephone: 536-9438.

The Rain, Ata Tat, and Another Day perform at T.T. The Bears, 10 Brookline Street, Cambridge. Telephone: 492-0082.

Wang Chung with guests **Eight Seconds** performs in an all ages show at 7:30 pm at the Metro, 15 Lansdowne Street, just across from the entrance to the bleachers at Fenway Park. Tickets: \$12.50. Telephone: 262-2424.

Friday, April 3

POPULAR MUSIC

Face to Face with guests **Skin** and **The Great Divide** perform at the Channel, 25 Necco Street, Boston. Tickets: \$6.50 advance/\$7.50 day of show. Telephone: 451-1905.

Rick Berlin — **The Movie** performs at 9 pm at the Conservatory, Boston Marriott, 110 Huntington Avenue, Copley Place. Telephone: 236-5800.

Bim Skala Bim, **The Toasters**, and **Loose Ties** perform at Jack's, 952 Massachusetts Avenue, Cambridge. Telephone: 491-7800.

Down Avenue performs at 8 pm at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

Christmas, Moving Targets, and **Slaughter Shack** perform at the Rat, 528 Commonwealth Avenue in Kenmore Square. Telephone: 536-9438.

The Zulus, The Unattached, and **Tall Paul** perform at T.T. The Bears, 10 Brookline Street, Cambridge. Telephone: 492-0082.

Michael Riesman, well known in contemporary music circles as a composer, pianist, and conductor who has written a number of pieces for the theater, dance, and film, performs at 8 pm at the Institute of Contemporary Art, 955 Boylston Street, Boston. Tickets: \$8 general, \$6 ICA members, students, & seniors. Telephone: 266-5152.

CLASSICAL MUSIC

MIT Affiliated Artist **Paul Orgel** will present a piano recital featuring works by Beethoven, Janacek, and Chopin in Kresge Auditorium at 8 pm. No admission charge. Telephone: 253-2906.

Banchetto Musicale presents Haydn's *Cello Concerto in D Minor and Thermomense* and Mozart's *Symphony* at 8 pm in Jordan Hall, 30 Gainsborough Street, Boston. Tickets: \$9-\$16. Telephone: 965-0165.

The Boston University Symphony and Boston University Chamber Orchestras perform at 8 pm in the BU Concert Hall, 855 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

"...Music Everywhere," Renaissance music of France, England, and Italy, is performed at 8 pm at Wellesley College Houghton Memorial Chapel. No admission charge. Tel: 235-0320 ext. 2028.

JAZZ MUSIC

Swinging guitarist/fiddler Clarence "Gatemouth" Brown and saxophonist Eddie "Cleanhead" Vinson perform at 8 pm and 11 pm at Nightstage, 823 Main Street, Cambridge. Also being presented April 4. Tickets: \$9. Telephone: 497-8200.

DANCE

***** CRITIC'S CHOICE *****
 "Foolita" "round" and other dances by Susan Rose Danceworks & Boston Dance Project are presented at 8 pm at the Strand Theatre, 843 Columbia Road, Dorchester. Also being presented April 4. Tickets: \$10 general, \$6 students/seniors, \$8.50 Dance Umbrella members. Telephone: 491-7377 or 266-4661.

***** CRITIC'S CHOICE *****
 Dance Projects presents Beth Soll and Company in the world premiere of "Place of Ambush" at 8 pm at Tower Auditorium, Mass. College of Art, 621 Huntington Ave., Boston. Also being presented April 4 at 8 pm and April 5 at 3 pm. Tickets: \$10 general, \$8.50 seniors. Tel: 547-8771.

The Hungarian State Folk Ensemble, a company of 100 dancers, chorus, and orchestra, will give a festive performance of folk music and dance at 8 pm at Symphony Hall as part of the Wang Celebrity Series. Tickets: \$16.50-\$19.50 [see also reduced-price tickets offered through The Tech Performing Arts Series]. Telephone: 266-1492 or 497-1118.

The Scarborough Chamber Players will collaborate with choreographer Danny Sloan for a special program of chamber music and dance at 8 pm in Sanders Theatre, Cambridge. Tickets: \$12 general, \$8 students/seniors. Telephone: 328-0677 or 497-1118.

THEATER

TheaterWorks presents Peter Handke's "Kaspar" at 8 pm at Performance Place, 277 Broadway, Somerville. Continues Thursday through Sunday nights at 8 pm until April 19. Tickets: \$8-\$10. Telephone: 623-5510.

FILM & VIDEO

Visual artist Dan Graham will screen and discuss his recently completed videotape "Rock My Religion," examining the role rock music has taken in conventional religious practice for young people, at 8 pm at the Boston Film/Video Foundation, 1126 Boylston Street, Boston. Telephone: 536-1540.

The French Library begins its series *The Third World on Film* with the Boston premiere of "Les ombres de la terre" ("Shadows of the Earth," 1982, Taiel Louchich) at 8 pm at 53 Marlborough Street. Also being shown April 4 and 5. Admission: \$3.50 general, \$2.50 members. Telephone: 266-4651.

*** CRITIC'S CHOICE ***

The Brattle Theatre concludes its film series *American Silent Treasures* with a triple bill of **Buster Keaton** movies: "Sherlock Jr." and "The Navigator" (1924) at 3:00, 6:30, & 10:00 and "Steamboat Bill Jr." (1927) at 5:00 & 8:35. The films are also being shown April 4. At 40 Brattle Street, Cambridge in Harvard Square. Tickets: \$4.75 for the double bill. Telephone: 876-6837.

The Museum of Fine Arts continues its film series *Italian Comedy* with "In nome del popolo italiano" (1971, Dino Risi) at 5:30 and "Vedo nudo" (1969, Dino Risi) at 8:00. Tickets: \$3.50 general, \$3 members, students, & seniors. Telephone: 267-9300 ext. 306.

Saturday, April 4

POPULAR MUSIC

The Fools with guests **The Drive** perform at the Channel, 25 Necco Street, Boston. Tickets: \$5.50 advance/\$6.50 day of show. Telephone: 451-1905.

T-Blade & The Fabulous Esquires perform at 9 pm at the Conservatory, Boston Marriott, 110 Huntington Avenue, Copley Place. Telephone: 236-5800.

Ike Turner Jr. & Second Generation and **Taylor Made** perform in an R&B concert at Jack's, 952 Massachusetts Avenue, Cambridge. Telephone: 491-7800.

O-Positive with **Rapture of the Deep**, **Royal Crescent Mob**, and **Blake Babies** perform at the Rat, 528 Commonwealth Avenue in Kenmore Square. Telephone: 536-9438.

The Five, The Pixies, and **Tribe** perform at T.T. The Bears, 10 Brookline Street, Cambridge. Telephone: 492-0082.

The Fast Folk Music Revue with Jack Hardy, Rod McDonald, David Massengill, Lucy Kaplansky, and many more, is presented by Passim at 7:30 pm at the Berklee Performance Center. Tickets: \$11.50 & \$13.50. Telephone: 492-7679 or 497-1118.

Cris Williamson and **Greg Brown** perform in concert at 6:00 and 9:30 at the Somerville Theatre, 55 Davis Square just by the Davis Square T-stop on the red line. Telephone: 625-1081.

Popular Indian musician, **Ravi Shankar**, performs at 8 pm at the University of Lowell. Tickets: \$5-\$17.50. Telephone: 459-0350.

CONTEMPORARY MUSIC

The MIT Concert Band performs in a joint concert with the Brown Concert Band at 3 pm at Kresge Auditorium. No admission charge. Telephone: 494-5284.

"Walking in the Spirit," the Spring concert of the MIT Gospel Choir, is performed at 7:30 pm at Kresge Auditorium. Admission: \$3 general, \$1 students/seniors. Telephone: 253-2705.

CLASSICAL MUSIC

A Music from Marlboro Chamber Music Concert is presented at 8 pm at the Edward Pickman Concert Hall, Longy School of Music. Tickets: \$9 general, \$6 students. Telephone: 734-8742.

The Boston Camerata presents *The Queen's Music: Songs and Dances of Elizabethan England* at 8 pm at Jordan Hall, 30 Gainsborough Street, Boston. Also being presented at 3 pm on April 5 at Sanders Theatre, Harvard University. Tickets: \$9-\$15. Telephone: 262-5459.

FILM & VIDEO

New York Super 8 filmmaker **Lewis Klahr** will present his unique collage animations at 8 pm at the Boston Film/Video Foundation, 1126 Boylston Street, Boston. Telephone: 536-1540.

Sunday, April 5

POPULAR MUSIC

Bang with guests **XL88** and **Catharsis** perform at 3 pm at the Channel, 25 Necco Street, Boston. Tickets: \$5.50. Telephone: 451-1905.

Nightstage presents **Guitar Greats** featuring **John Renbourn, Stefan Grossman**, and **Gabriel Jacob** at 7 pm and 10 pm at 823 Main Street, Cambridge. Tickets: \$10. Telephone: 497-8200.

Ipsa Facto and **Happy Campers** perform at Jack's, 952 Massachusetts Avenue, Cambridge. Telephone: 491-7800.

CLASSICAL MUSIC

Voice of the Turtle presents "The Dove & the Magic Cloak," an original folk tale through which the music of the Sephardim is woven, at 4 pm at Kresge Auditorium. Tickets: \$8, \$10, and \$12 (\$2 off for students and seniors). Telephone: 253-2969.

***** CRITIC'S CHOICE *****
 Virtuoso pianist **Rudolf Serkin** gives a recital at 3 pm at Symphony Hall as part of the Wang Celebrity Series. Tickets: \$16.50 and \$17.50 [see also reduced-price tickets offered through The Tech Performing Arts Series]. Telephone: 482-2595 or 497-1118.

The Boston Symphony Chamber Players perform works by Hindemith, Ravel, Knussen, and Spohr at 3 pm at Symphony Hall. Tickets: \$7, \$10, and \$13. Telephone: 266-1492.

The **Ariad Wind Quintet** performs music of Klughardt, Schuller, and Poulenc at 3 pm at the Longy School of Music, One Follen Street, Cambridge. No admission charge. Telephone: 876-0956.

The **Concerto Company** performs Beethoven *Triple Concerto* and Mozart *Sinfonia Concertante, Piano Concerto*

ARTS

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A service for the entire MIT community from *The Tech*, in conjunction with the MIT Technology Community Association.

Special reduced-price tickets now available for the following events:

Hungarian State Folk Ensemble

The Hungarian State Folk Ensemble, a company of 100 dancers, chorus, and orchestra, will perform at Symphony Hall on Friday, April 3 at 8 pm. Presented by Walter Pierce in the Wang Celebrity Series, this exuberant and dynamic ensemble will perform dance, music, and songs reflecting the authentic tradition of Hungarian folk culture.

MIT price: \$5.00

Rudolf Serkin

Virtuoso pianist Rudolf Serkin will give an all-Beethoven recital at Symphony Hall on Sunday, April 5 at 3 pm as part of the Wang Celebrity Series, presented by Walter Pierce. Considered one of the preeminent interpreters of Beethoven, the program will include *Sonata in E Major, Opus 109*, *Sonata in A-flat Major, Opus 110* and *Sonata in C Minor, Opus 111*.

MIT price: \$5.00

Tickets will be sold by the Technology Community Association, W20-450 in the Student Center. If nobody is in, please leave your order and your phone number on the TCA answering machine at x3-4885. You will be called back as soon as possible.

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AWARDS NOMINATIONS

Stewart Awards

The William L. Stewart Awards are given to students in recognition of a single, outstanding contribution to a particular activity or event.

Laya Wiesner Award

The Laya W. Wiesner Award is presented to an undergraduate woman student who has most enhanced MIT community life.

Compton Prizes

The Karl Taylor Compton Awards are the highest awards given to students by the Institute community and reflect the belief that real excellence and devotion to the welfare of the MIT community in any area, with emphasis on lasting or sustained contributions to the MIT community, as a whole, should be recognized.

Irwin Sizer Award

The Irwin Sizer Award is presented to any member or group in the Institute community to honor significant innovations and improvements to MIT education.

Albert G. Hill Prize

The Albert G. Hill Prize is awarded to minority students who have demonstrated high academic achievement and made continued contributions to the quality of life for minorities at MIT.

Murphy Award

The James N. Murphy Award is given to an institute employee whose spirit and loyalty exemplify inspired and dedicated service, especially with regard to students.

Edward L. Horton Award

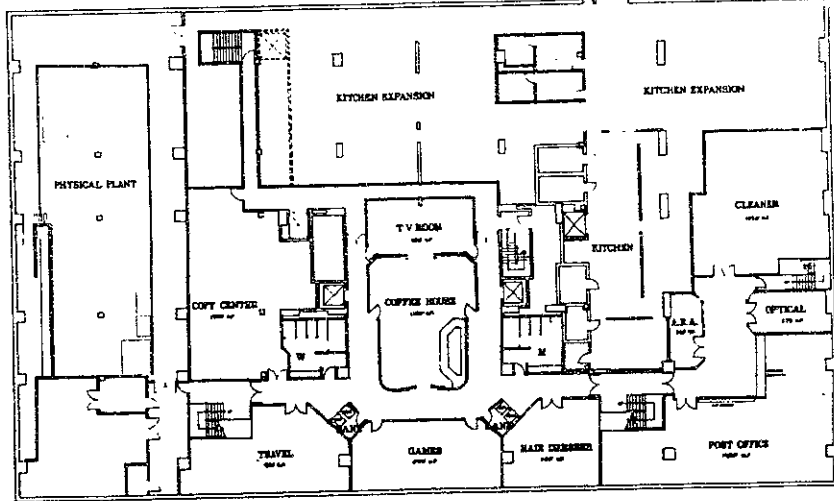
The Edward L. Horton Fellowship Award will be presented to any student group that fosters fellowship within the graduate community.

Send nominations to the Awards Committee, Room W20-345

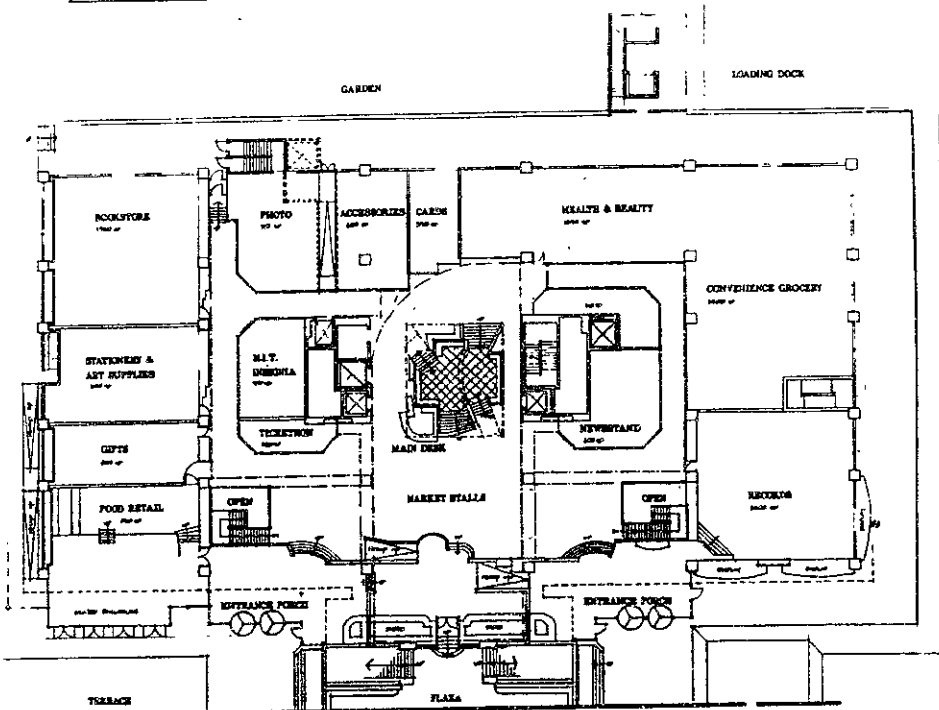
Deadline Date: April 3

PROPOSED STUDENT CENTER FLOORPLANS

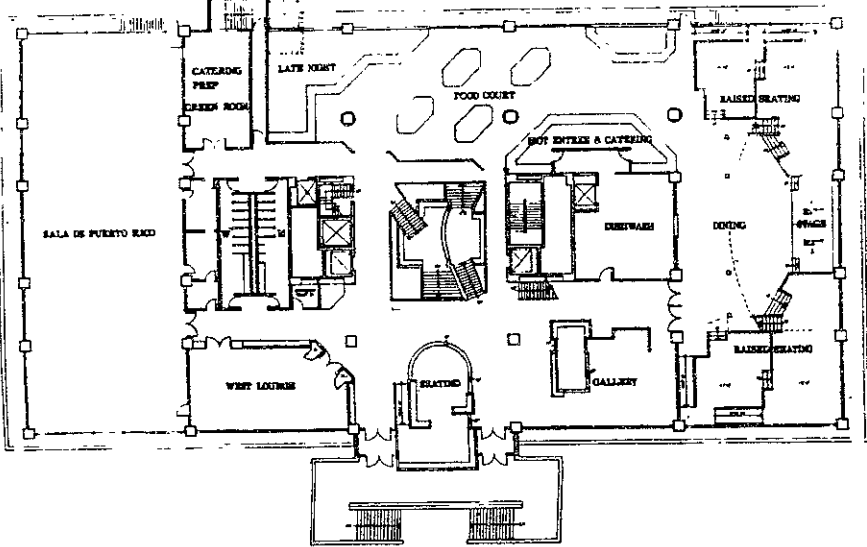
Basement



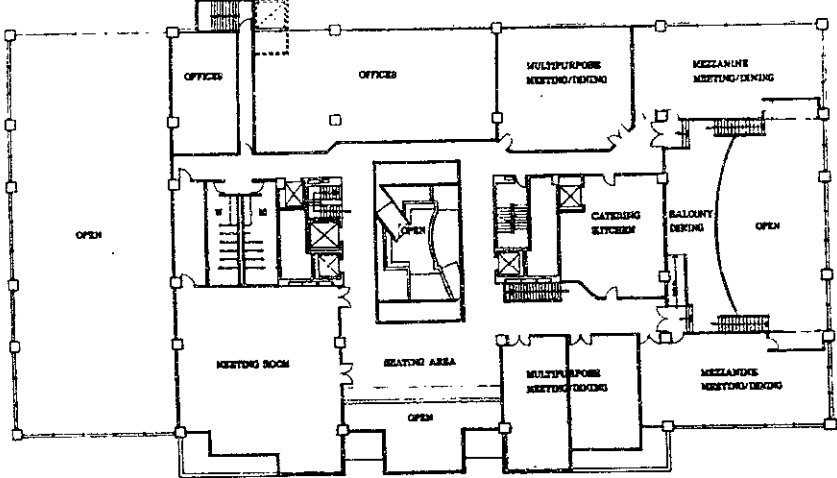
First Floor



Second Floor



Third Floor



Lobdell ready for major renovations

(Continued from page 1)
and first floor, but said, "We've had some very good leads and very encouraging discussion."

Immerman said that the Student Center "is a very attractive commercial location," pointing out that over three million people entered the Student Center last year. The main goal, Immerman said, is "to attract those vendors who are going to explicitly cater primarily to the needs of the students."

The current plan includes a convenience food store, office supply store, automatic bank tellers, pharmacy, record store, newsstand, 24-hour copy center, Ticketron outlet, travel agency, and hair stylist.

The Tech Coop will begin moving out of the first floor after Easter, but plans on maintaining some kind of service at least through the end of classes, according to Coop President James

A. Argeros. The new Coop branch in Kendall Square should open around May 4, he said.

Student Center addresses student needs

Immerman received student input on the new Student Center design in several ways. A client group comprised of undergraduates, graduates, and several faculty members meet biweekly with Immerman to present their views. "They've been extremely helpful in qualifying our ideas," he said.

Also, about 20 campus groups presented feedback on the plan, and 801 people returned surveys on the renovations. The Student Center management also solicited feedback on meals from students in eating areas.

"What has surprised me and pleased me is the uniformity of opinion among students about what they'd like to see," Immerman said.

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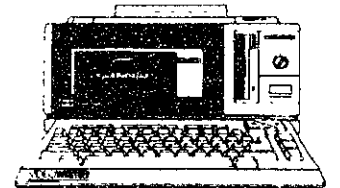
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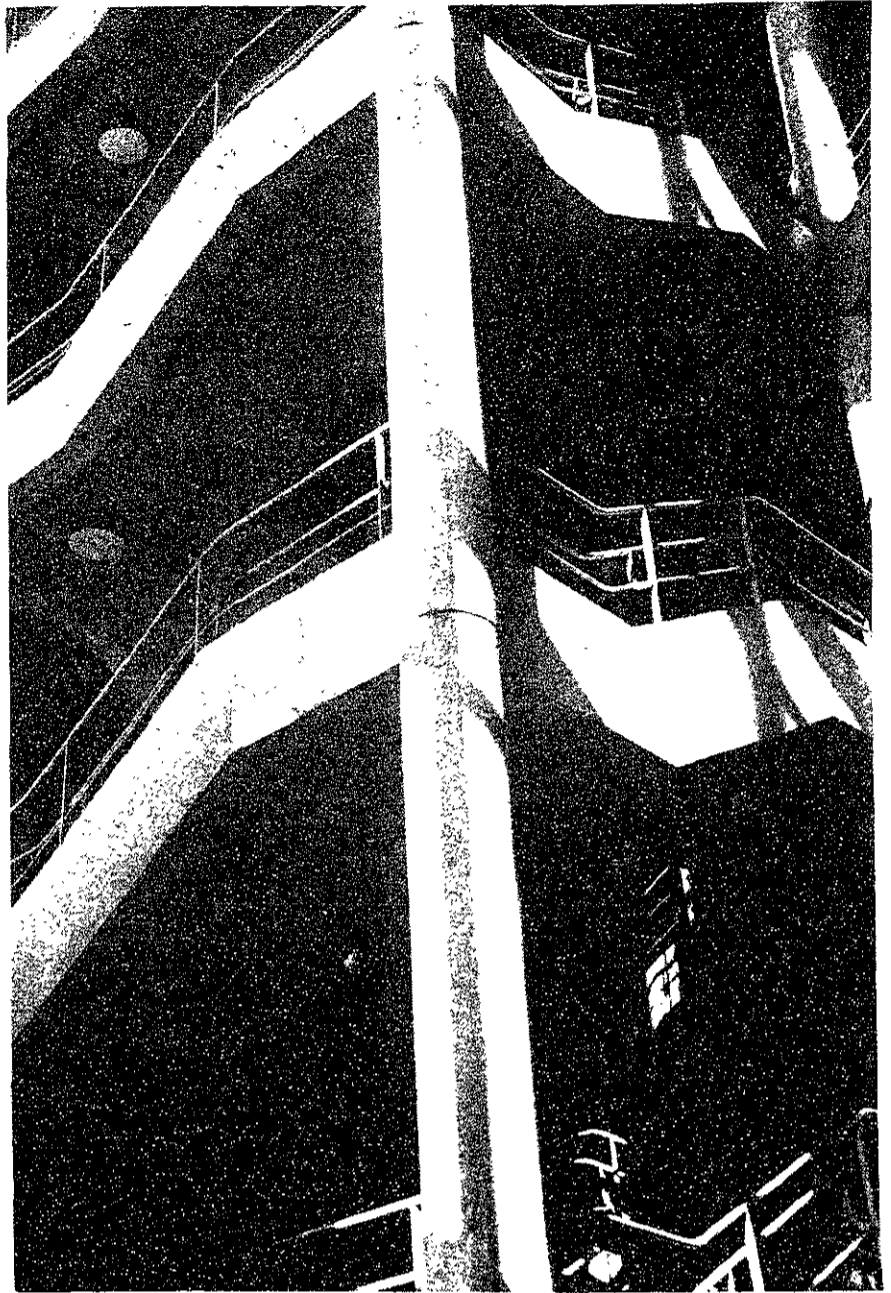
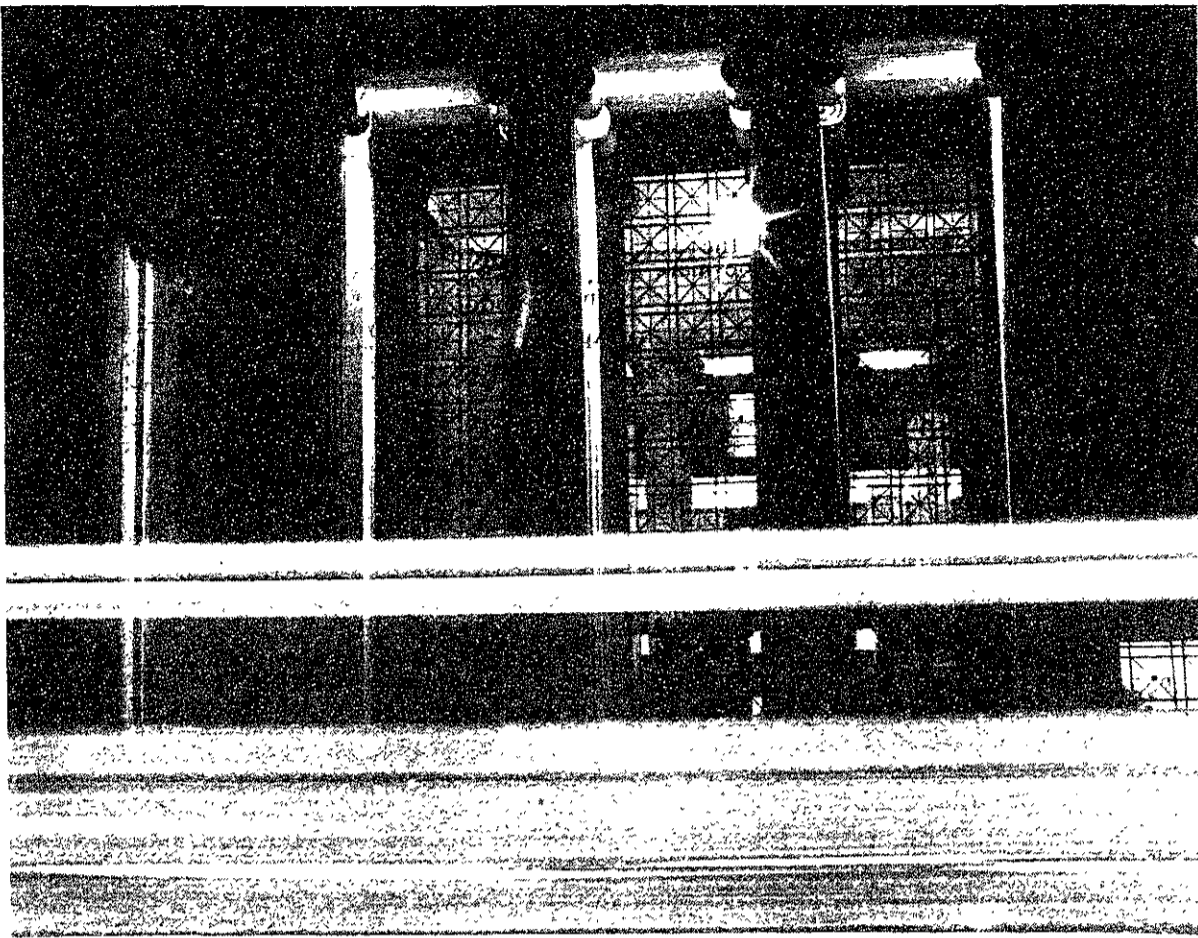
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ANDRE SUMMERS, President, Comtronics Company MBA, Suffolk University '82

President



photo essay

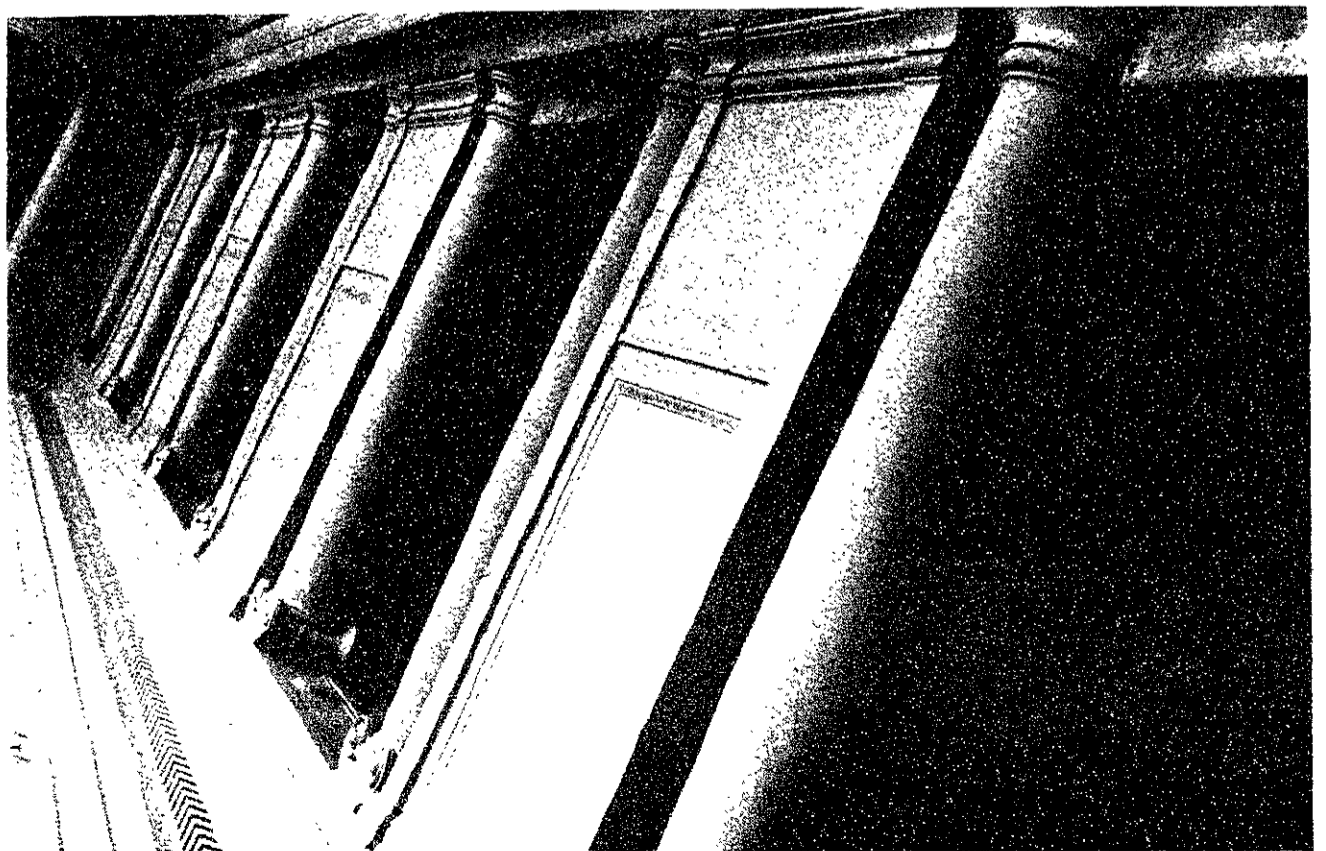
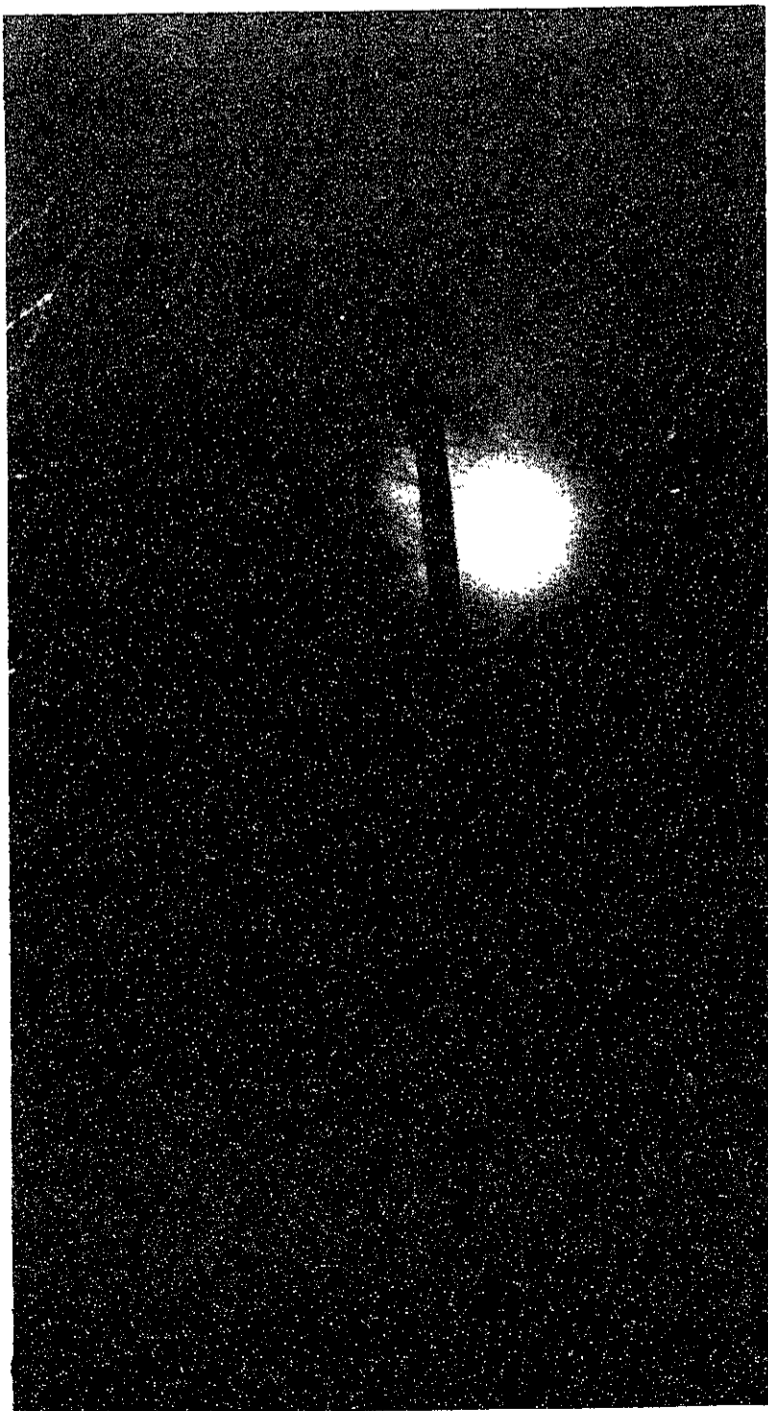
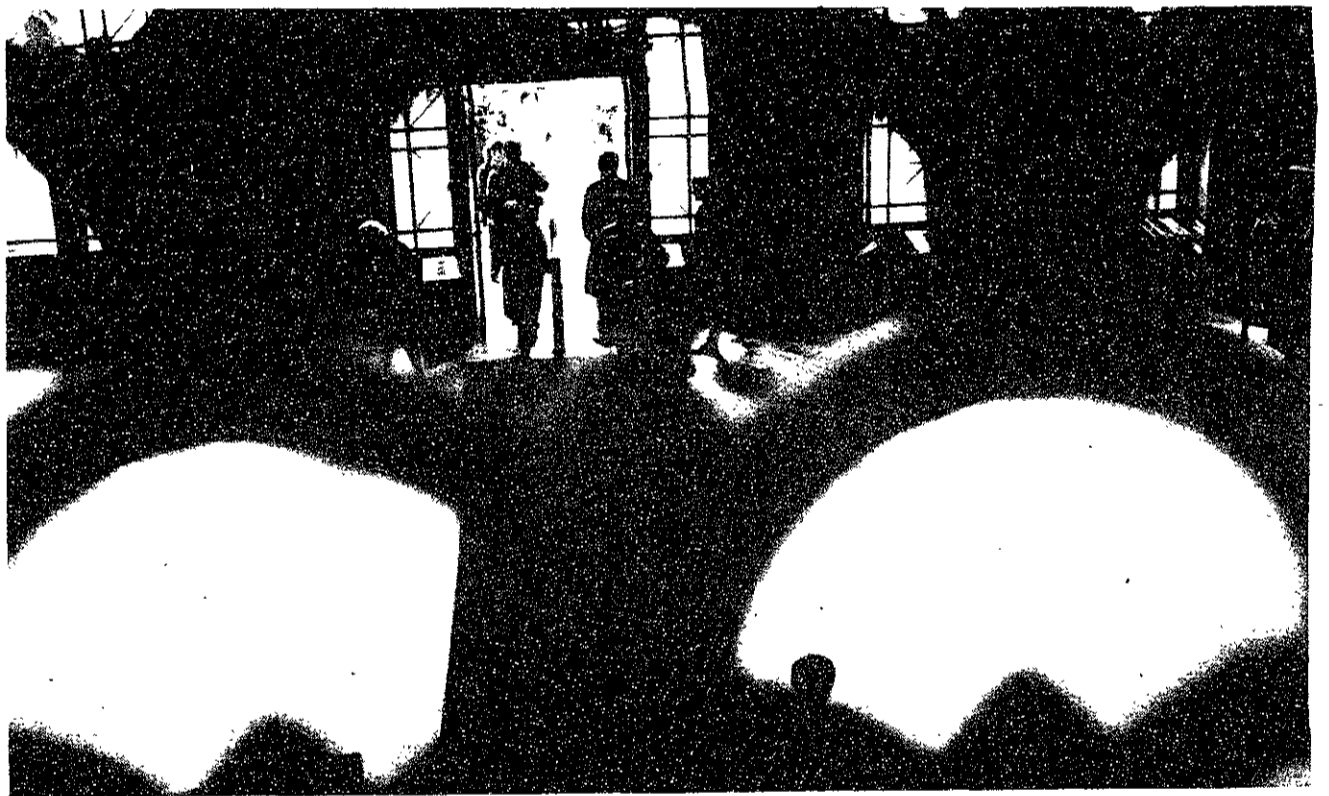


Perspective

Photos & Poem by
Ken Church

Design by
Ken Church
David Watson

Look at a beautiful tree
Stand close near a roaring sea
Watch the motion of a knee
Think how you present to me
Clouds ever want to fly free
Life only appears to be
How you look at what you see



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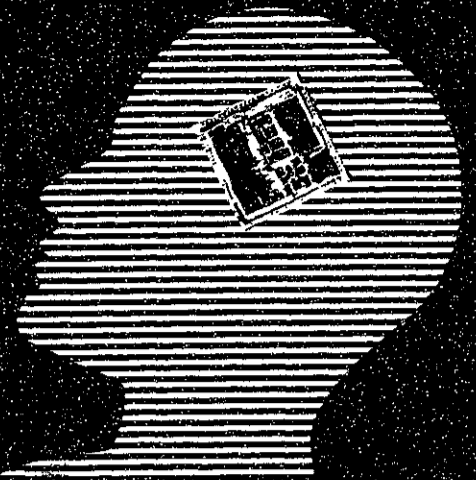
- Thursday, April 2, 8:00 pm
- Friday, April 3, 8:00 pm
- Saturday, April 4, 6:30 and 9:00 pm
- Sunday, April 5, 7:00 pm

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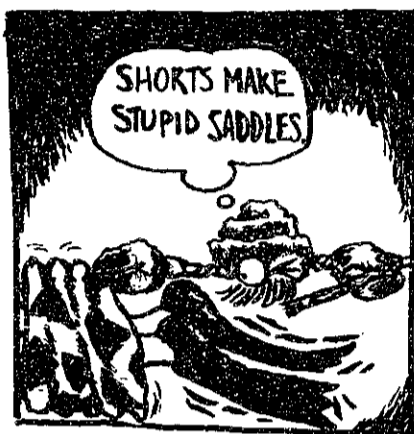
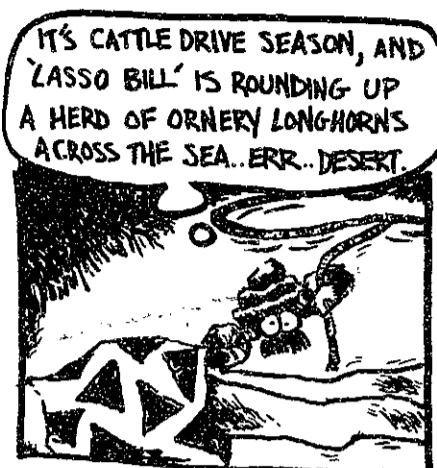
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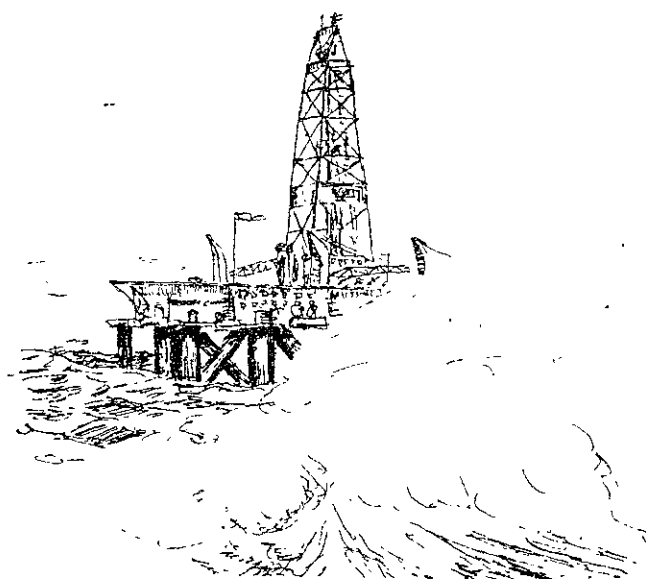
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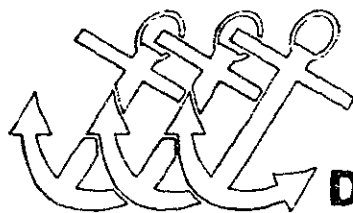
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Deutch doubts feasibility of SDI

(Continued from page 1)

er, Deutch said. The US should instead pursue reliable arms control, Deutch said. Proposals should aim toward a more stable configuration of weapons, one that would reduce the likelihood of war, Deutch stressed.

When asked how far arms reductions can go, Deutch said that the 50 percent cut recommended by the Scowcroft Commission in 1984 is not a strict amount. It is an estimate of what both sides can give without hurting deterrence and can provide a more stable configuration. The important point is that it's not zero or 10 percent. With mutual reductions in tandem, cuts can be made much below 50 percent, Deutch said.

Victor Troll of the GBPSR asked why a force of 100 fully defensible missiles, say by submarine-basing, could not provide sufficient deterrence through the threat of a population response.

Deutch felt that this would not provide a credible deterrent. The purpose of having 5000 warheads is not to use the 5000, but to have the right kind of military response for a particular situation to deter that situation, he said.

When questioned about providing a non-nuclear deterrent for the security of America's European allies, Deutch said that the problem since the 1960s has been in convincing the Europeans not to depend on US nuclear weapons for their security. North Atlantic Treaty Organization countries spend on defense less than a quarter of what the US spends by percentage of Gross National Product.

Arms control situation

The central proposal of the Reykjavik summit defines most clearly what President Ronald Reagan's policy on arms control really is, Deutch said. The zero-ban on all ballistic missiles — land and submarine-based — and a permissive attitude toward SDI research represents a 100 percent change in US policy, Deutch noted.

Despite elements of political popularity, the proposal is not in the interests of stability and peace, Deutch asserted. It gives up two legs of the triad — land-based missiles, submarine-based missiles, and SDI — especially the most survivable leg, the submarine-based missiles. Meanwhile the proposal preserves the possibility of SDI.

A zero-zero proposal presents several problems according to Deutch. The major problem with the proposal is that the American allies in Europe see themselves as losing an important part of their strategic power, Deutch said.

In addition, verification becomes especially difficult when the number is zero, Deutch contended. It's virtually impossible to convince political systems that zero has been reached, he said.

ICBM modernization

The United States displayed huge oscillations on modernizing the ICBM force in the debate over the MX missile, Deutch said. In 1979, the Democratic Carter Administration proposed deploying a system of 200 race-track-based mobile missiles. Congress approved the proposal.

The Reagan administration switched to a dense pack deployment of MX missiles for political reasons, Deutch continued. Less than six months after approving the racetrack plan, Congress rejected MX by a margin of 102 votes.

Reagan appointed the Scowcroft Commission, on which Deutch served, in 1983 to study the status of the ICBM force. After this commission recommended to put 100 MX missiles in Minuteman silos, Congress

voted by a margin of 57 to deploy the 100 MX missiles.

These oscillations indicate that there is a separate problem of making sure that policy is sustainable, Deutch added.

The Scowcroft Commission also recommended that a 50 percent cut in warheads would reduce the chance of war and maintain assurance to the allies

of deterrence. Later, the Administration became unhappy with this proposal, Deutch said. The bulk of Administration officials, frankly, do not trust arms control, Deutch said.

To resolve the source of discomfort with the proposal for a 50 percent cut, the Administration proposed SDI, Deutch said.

Biology changes status of introductory class

(Continued from page 1)

sor Vernon M. Ingram, 7.01 lecturer. The guest lecturers are members of the biology faculty, he said.

"The topics that they are covering are the same topics as in previous terms," Ingram explained. The lecturers speak from the point of view of their research, Ingram said. Consequently, the material in the textbook can be integrated with what is currently happening in research.

The beginning of the course is straight textbook molecular biology and provides the language

for the second part of the course, Ingram said. There is no change in the topics being covered; they are simply being covered in a different way, he continued.

Every week, two members of the faculty speak on issues related to their research. After they speak, Ingram will give a lecture integrating what they have said with material previously learned in the course.

"It's a way of presenting modern molecular biology from a textbook point of view combined with the cutting edge of research," Ingram explained.

Environmental science and engineering offered

(Continued from page 1)

number of environmental consulting firms and environmental engineering departments within large manufacturing companies has grown significantly over the past decade.

Corporate environmental engineers handle problems such as chemical accidents and waste disposal, off shore oil spills, and sewerage treatment in large urban areas and in developing countries. They also help corporations meet governmental regulations

concerning waste and development.

Governmental agencies such as the Environmental Protection Agency and the Massachusetts Division of Environmental Quality and Engineering also employ environmental science graduates to analyze ecological issues and develop public policy, Stolzenbach noted.

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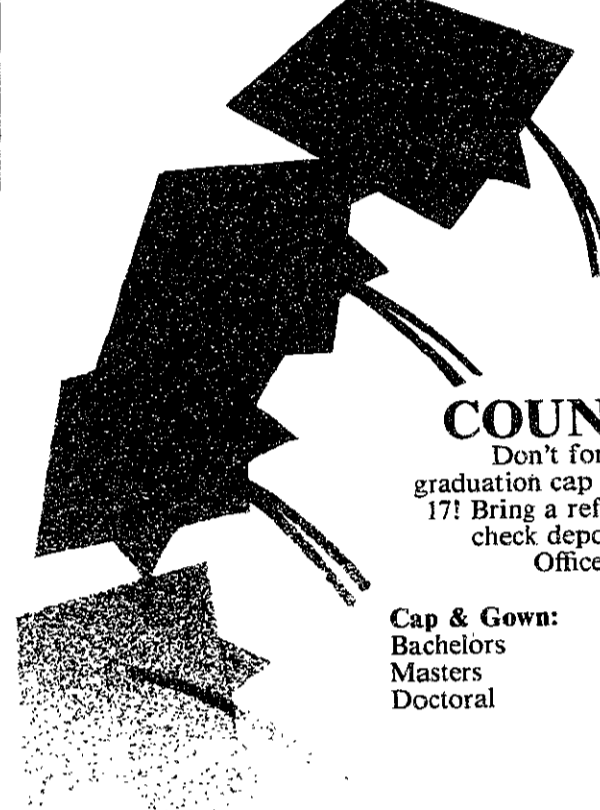
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