

# Vice President Simonides Is Dead at 59

## Contributions To MIT Were Widespread

By Josh Hartmann  
CONTRIBUTING EDITOR

In nearly 24 years as vice president of MIT, until his death Sunday, Constantine B. Simonides '57 was intimately involved with the most important workings of the Institute.

Simonides, who also held the position of secretary of the Corporation since 1985, enjoyed vast powers at the Institute. His responsibilities included personnel, the medical department, public relations, admissions, athletics, career services, and the MIT Press. He was also MIT's equal opportunity officer.

But many might consider the pinnacle of his career to be heading MIT's successful fight against the U.S. Justice Department's effort to disband the Overlap Group, the 23 east coast universities and colleges which cooperated in awarding financial aid to students.

From the start of the Justice Department's probe of the Overlap Group's activities in 1989 until the final settlement of the case last



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Constantine B. Simonides '57

MIT NEWS OFFICE

## Co-Workers and Students Will Miss His Warmth, Humanity

By Daniel C. Stevenson  
ASSOCIATE NEWS EDITOR

*And that is why, when the gods close their eyes, the world will disappear.*

—Associate Provost Samuel J. Keyser, from a poem dedicated to the late Constantine Simonides

Vice President of MIT and Secretary of the Corporation Constantine B. Simonides '57 died Sunday morning while playing tennis, apparently of a heart attack. Simonides, who was 59, was pronounced dead at 11:35 a.m. at the Leonard Morse Metrowest Medical Center in Natick, Mass.

Simonides served as vice president for the past 24 years under four presidents. His responsibilities included personnel, the medical department, public relations, admissions, athletics, career services, and the MIT press.

"His most significant contribution is one that will never be visible in the public archive," said Associate Provost for Institute Life Samuel J. Keyser. "That was his ability to make it possible for the people that he came in contact with to grow into something larger than they were

before they met him."

"He had a combination of long service, ability, and personality that was unique," said Dean for Undergraduate Education and Student Affairs Arthur C. Smith. "I don't think there will be any other who can do that job in the same way."

"I certainly valued my friendship and work with him, and life for me will change," said Provost Mark S. Wrighton.

At an informal gathering in Simonides office yesterday afternoon for his friends and associates at MIT, Keyser read *How the Gods Learn to Die*, a poem he wrote which he dedicated to Simonides yesterday. [see sidebar, p. 17]

### Positive, friendly personality

Simonides had a positive, friendly personality that affected all who worked with him. "He believed in the best in people," said Executive Assistant to the President Kathryn A. Willmore. "He could always find a way of bringing people together to work on a common purpose."

"Constantine Simonides infected MIT with warmth and humanity,"

Simonides, Page 16

# Faculty Votes to Review Grievance Policy

By Eva Moy  
EDITOR IN CHIEF

At last Wednesday's April faculty meeting, the faculty passed a motion to reassess MIT's grievance procedures.

Professor of Linguistics and Philosophy Judith J. Thomson proposed a motion that the Faculty Policy Committee reassess the Institute's grievance procedures for faculty members and then report back to the faculty about whether they need revision.

The motion passed, 24-6.

The meeting also included the presentation of the Killian Award to

Professor of Music John H. Harbison, and the Harold E. Edgerton Award to Associate Professor of Electrical Engineering and Computer Science Martha L. Gray PhD '86, who also teaches in the Harvard-MIT Division of Health Sciences and Technology.

In addition, the annual report on harassment and the reports of the Committee on Undergraduate Policy and the Committee on Nominations were presented.

Thomson's successful motion calls for the FPC to examine its grievance procedures for faculty members.

"I am not inviting the faculty to declare that our grievance procedures should be revised," Thomson said before the vote. "I merely invite you to agree that there may be enough reason to believe that they may need revision."

### Motion stems from March debate

The motion resulted from discussion at the March faculty meeting concerning the appointment of an *ad hoc* committee to investigate the closing of the Center for Materials Research in Archaeology and Ethnology. Provost Mark S. Wrighton had decided to close the CMRAE,

run by Professor of Archaeology Heather N. Lechtman, earlier this year. Lechtman felt that the review process leading up to the decision was flawed and wrote a pamphlet criticizing the decision.

At the March meeting the faculty passed a motion asking the administration to set aside its decision to close CMRAE until an *ad hoc* faculty committee could review the process by which the center was closed.

However, since then some faculty have questioned individuals' abil-

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## INSIDE

- Concert Choir and Symphony Orchestra perform Verdi's *Requiem*. Page 8
- Gamelan Sekar Jaya presents exotic, cross-cultural performance. Page 9



The group Belly performs in the Johnson Athletic Center at the Spring Weekend concert Saturday night. The concert was organized by the Student Center Committee as part of the Spring Weekend festivities.

THOMAS R. KARLO—THE TECH

# Spring Weekend Turnout Is Successful

By Amy I. Hsu  
STAFF REPORTER

Spring Weekend '94 was marked by sunny weather, well-attended events, and active fundraising for several charities.

The Weekend is an annual event that includes the Spring Concert sponsored by the Student Center Committee and other events sponsored by various student groups.

Belly performed in the Johnson Athletic Center Saturday night. The concert drew a crowd of about 1,000 people, according to co-coordinator Lori A. Weldon '95. "We didn't get as many people as we'd liked, but I thought the show was pretty good," she said.

A small but enthusiastic crowd of about 50 people attended last Thursday night's Mr. Spring Weekend contest, hosted by the Women's Independent Living Group, according to coordinator Cristiane G. Lin '97. David C. Cho '94 was chosen as Mr. Spring Weekend, and the

contest raised approximately \$120 for the AIDS Action Committee.

"I was quite pleased" with the event, Lin said. "There were no glitches. We're hoping to have it again next year, with more people."

Friday's International Fair was also quite successful, according to Marie E. Castro '94, one of the many dancers who performed during the day. "It was a little windy and kind of cold, but I think I had too much adrenaline pumping to worry about it," she said.

The fair also featured an international fashion show, singing performances, and a variety of ethnic foods for sale.

Las Vegas Night, which took place on Friday, "went tremendously well — La Sala [de Puerto Rico] was packed," said Alpha Tau Omega coordinator Michael H. Joo '95. Although exact figures were not available, Joo estimated that \$2,000

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# WORLD & NATION

## U.S., Russia, EU Launch Coordinated Bosnia Peace Effort

LOS ANGELES TIMES

LONDON

After high-level talks among U.S. and European officials, Secretary of State Warren Christopher and British Foreign Secretary Douglas Hurd announced Monday that the United States, Russia, the United Nations and the European Union will launch a joint diplomatic initiative to move the Bosnia-Herzegovina crisis toward a permanent cease-fire and a political settlement.

They hope to coordinate the oft-confused array of international peace efforts and potentially give their coalition greater clout in dealing with the warring Bosnian parties.

Their new "contact group" is scheduled to meet for the first time here Tuesday. It is intended to follow up on the ultimatum that took effect last weekend to Bosnian Serbs to withdraw from the besieged Bosnian city of Gorazde — and to prevent the confrontations that have followed other Balkan cease-fires.

In the next two weeks, group members are expected to engage in talks with the largely Muslim government in Bosnia and Serb and Croat forces about outlines of a Bosnian peace plan. The result is likely to be a loose confederation or union of two or more Muslim, Serb and Croat areas.

## Afghanistan: No End to War

THE WASHINGTON POST

HERAT, AFGHANISTAN

Mortars and 8-foot rockets mounted on camels. Commandos eating raw snakes. Afghan mujaheddin fighters toting Stinger missiles.

There's nothing like a parade, and as if to prove it, the local warlord here pulled out all the stops last week for a massive procession marking the second anniversary of Liberation Day and the founding of the Islamic Republic of Afghanistan.

There was "Stalin's Organ" — a compact, lethal-looking rocket-launcher with four rows of 10 rockets stacked on top of one another. There were 122mm howitzers, Luna surface-to-surface missiles with a range of 18 miles, SAM-7 surface-to-air missiles and thousands of soldiers shouldering AK-47 assault rifles and marching Soviet-style with locked knees.

And the convenor of the parade, Ismail Khan, who controls most of western Afghanistan, is not even considered one of the top military heavyweights of this faction-torn country, which is entering the third year of a civil war that has claimed more than 10,000 lives.

The extent of Khan's arsenal, most of it aging hardware left over from Afghanistan's 14-year war against the old Soviet Union and its Afghan protege regime, seemed to surprise a group of Westerners here on a U.N. peace mission. They saw a rare glimpse of western Afghanistan, and the stocks of arms in the hands of local militias that have given the country a reputation as the world's biggest weapons bazaar.

## Toyota to Pay \$250,000 Fine To Settle Charges It Hid Defect

NEWSDAY

Toyota has agreed to pay a \$250,000 fine to settle charges by a federal agency that the car maker tried to hide a defect that could create a fire hazard in its earlier generation of Land Cruiser utility vehicles.

The National Highway Traffic Safety Administration said Toyota had discovered gasoline leaks in 1981 through 1989 Land Cruisers and changed the fuel tank design in 1990 models. But the Japanese car maker did not notify the safety agency, its dealers or owners of earlier vehicles that it had found a safety-related defect, the agency said.

Further, the agency charged, Toyota tried to keep investigators from finding out about the change in tank design by furnishing "inaccurate or incomplete information" on eight occasions.

Toyota said Monday it was all a misunderstanding and that it agreed to the fine to avoid a court battle. It said it made the unannounced change in the tanks of the newer models only to reduce the shifting of gasoline from side to side in the tank, not to reduce the possibility of leaks. "We don't believe that it was a safety-related change at all," said a Toyota spokesman, Tim Andree.

## WEATHER

### Cloudy & Damp

By: Michael Morgan  
STAFF METEOROLOGIST

Northeast winds dropped temperatures some 30°F (17°C) in two hours in the Boston area late Sunday night as cold, damp ocean air moved south along the east coast. The cold front which marked the boundary between the warm, late spring like temperatures and the cool air now entrenched over us will begin to move northward as a warm front later today. As the front returns north, showers will develop over the area. The front may make it north of our latitude by mid morning Wednesday. If so, temperatures will rise to 70-75°F (20-22°C). An approaching cold front late on Wednesday will increase our chances for late afternoon showers and thundershowers. The front will still be near us on Thursday, allowing the showers to continue.

**Today:** Cloudy with occasional light rain and rain showers. A bit milder. High 56°F (13°C).

**Tonight:** Cloudy with a few light rain showers and areas of fog. Low 50°F (10°C).

**Tomorrow:** A murky start, then breaking clouds breezy and warmer. High 73°F (21°C).

## White House Considering Plan For CIA to Cede Powers to FBI

By R. Jeffrey Smith  
and Pierre Thomas  
THE WASHINGTON POST

WASHINGTON

The White House, mediating a bitter dispute between the FBI and CIA over control of counterintelligence, is considering a plan that would cede control of key spy-catching and policy-setting responsibilities from the CIA to senior FBI officials, according to administration officials.

A draft proposal worked out by the National Security Council staff — and described by officials as "broadly agreed" upon by representatives of the CIA, FBI and Justice Department in meetings last week — would institute a series of reforms meant to speed the early and efficient detection of foreign spies who have penetrated the U.S. government, officials said.

The proposal is meant to soothe FBI and congressional anger over what senior U.S. officials have described as the CIA's failure for several years to share vital information with the FBI about the case of alleged spy Aldrich H. Ames and other potential spy cases.

The plan "would significantly alter the way (counterintelligence) policy will be developed, the way priorities would be decided, and establish a new structure for integrating" FBI and CIA operations to ensure that information flows smoothly between them, a White House official said.

The U.S. agencies involved in counterintelligence have been asked to submit their final comments on the plan this week, after which it will be presented to national security adviser Anthony Lake and President Clinton for their review. Several officials said an agreement in principle has been reached on the proposal but certain details are still being worked out.

The proposal would establish a national "center" headed by an FBI official to set overall policies on counterintelligence operations, including the use of polygraphs, the

collection of information overseas and the training of spy-catching experts, the officials said.

No such center now exists, resulting in widely varying counterintelligence procedures at different federal agencies. An advisory group recently concluded in a report to the CIA and the Defense Department that the absence of uniform policies was wasteful and inhibited successful spy-catching operations.

The proposal would also require that the new policy-setting center report through an advisory group of senior government officials to the NSC staff at the White House, rather than to the CIA director.

In addition, the plan would put a senior FBI official in charge of investigating individual spy cases within the CIA's existing counterintelligence center, ensuring early FBI access to raw data.

"I think it will be the best way to ensure the teamwork that's essential" to finding spies among U.S. government employees, he said. "It will help with the handoff" to law enforcement authorities by CIA personnel charged with conducting an internal investigation of security leaks.

Officials said Woolsey's willingness to support the proposal marked a shift for the CIA, which has generally considered its counterintelligence center — and its case files — off-limits to outsiders. FBI officials have told lawmakers that an FBI agent appointed in 1991 to head the center's Soviet and East European counterintelligence group left in late 1993 before he had planned to because he was denied access to documents and had little to do.

A senior CIA official and a counterintelligence source at another agency denied the allegation. But Woolsey confirmed that only three FBI agents have worked at the center since it was created in 1988 to manage counterintelligence operations throughout the government. Two of these agents worked solely on the Ames case, he said.

By supporting the appointment

of FBI officials to high-ranking positions within the CIA center, Woolsey is trying to head off Senate legislation that he saw as ceding virtually all responsibility for counterintelligence enforcement matters to the FBI, officials said.

Under the new plan, the CIA center would remain under Woolsey's overall control. The CIA also would retain responsibility for conducting routine investigations of its own personnel, looking into internal security leaks and developing key counterintelligence leads through its network of officers and foreign agents stationed around the globe. But the center's office in charge of investigating individual spy cases would be run by an FBI agent.

During its month-long policy review, the NSC staff had to sort through sharply conflicting tales by the FBI and the CIA over the handling of past spy cases.

For example, in the case of Ames who worked on counterintelligence matters for the CIA, the FBI charged that the CIA improperly withheld information about Ames's difficulties with a 1991 polygraph, despite an agreement that year that the agencies would work together in tracking down any suspected mole inside the CIA.

Sen. Dennis DeConcini, D-Ariz., chairman of the Senate intelligence committee, told reporters last week that "the FBI had the right, the absolute right," to see that the polygraph tracings indicated deception in 1991, but instead did not get access to them until 1993.

CIA officials blame the FBI for not asking earlier to see the tracings. They also have defended their cautious approach to counterintelligence cases by citing the need to maintain confidentiality about their sources of information and to avoid unfairly tarring employees with false accusations. FBI officials say that this secrecy can be excessive and runs counter to developing cases for criminal prosecution.

## Plan to Improve S. California Air Departs from Traditional Policies

By Maria Cone  
LOS ANGELES TIMES

LOS ANGELES

Reflecting a strategy billed as more business-friendly and less far-fetched than previous efforts, Southern California's air-quality agency Monday unveiled its newest plan to achieve clean air in the nation's smoggiest region by 2010.

The South Coast Air Quality Management District's plan — its third in five years — contains 89 steps proposed for the next 15 years, including 41 that target pollution from industries, 17 from cars and trucks, 10 from off-road transportation such as trains and airliners, and 21 measures to improve traffic patterns.

About one-third of the ideas are new, with an unprecedented focus on credits and other market incentives to encourage local industries to find their own ways to clean up smog.

The agency says the plan, if successfully implemented, would meet federal health standards for every major air pollutant in the region in 16 years, despite a projected 40 percent population increase. A whopping 70 percent of all smog-causing emissions would be eliminated — about 5 percent each year. "We think that Congress and the Legislature has every reason to be optimistic that we can meet the goals they have set for us," said AQMD

Deputy Executive Officer Barry Wallerstein.

For the next three months, businesses, environmentalists, civic leaders and others in Los Angeles, Orange, Riverside and San Bernardino counties will comb over the 3-foot-thick draft, with the debate likely to focus on a key point: Where does most of the pain fall? The AQMD is facing pressure to fairly balance the economic burden among big industries and motorists, small businesses and consumers.

The AQMD's governing board is scheduled to vote on the program in July after a series of public hearings. Under federal law, the AQMD and state must have an approved clean-air plan by November.

The basic framework of the plan is familiar. Several dozen rules to be adopted by the AQMD or state ARB would require companies to use the most advanced available technologies to cut emissions from factories, small businesses, cars and fuels.

The plan also sets aggressive goals for use of advanced technology in cars. By 2010, 78 percent of passenger cars would be fueled by methanol or other low-emission fuels, while 22 percent would run on electricity or fuel cells. Enforcing such mandates falls under the jurisdiction of the state Air Resources Board, which is facing unprecedented pressure from the

auto industry to scale back its existing rules.

Also included are a trio of fees that are certain to raise howls of protest from motorists — car registration fees based on miles driven, new taxes on fuel, and freeway toll-booths that would charge motorists during high-congestion hours.

Los Angeles Attorney Robert Wyman, who represents oil and aerospace companies, said local industries will look especially close at whether the proposals are tough enough in getting high-polluting vehicles and solo commuters off the roads. Wyman said he hopes to see some "innovative transportation controls" to help ease the impact on local industries.

Much of the debate about "fair share" of the smog burden focuses on a new state finding that the volume of pollution emitted by cars has been dramatically underestimated. The state Air Resources Board estimates cars emit 60 percent more hydrocarbons and twice as much carbon monoxide than previously thought.

One of the most critical components of the plan — an analysis of the cost and social impact — will not be released until late May. In the past, the AQMD estimated that achieving clean air in the Southland will cost \$3 billion to \$6 billion a year.

# Michigan Panel Recommends Legalizing Assisted Suicides

By Edward Walsh  
THE WASHINGTON POST

EAST LANSING, MICH.

As the criminal trial of Jack Kevorkian resumed in Detroit, a troubled and deeply divided citizens' commission narrowly recommended Monday that Michigan become the first place in the world to legalize physician-assisted suicide.

By a vote of nine to seven with four abstentions, the Michigan Commission on Death and Dying asked the state legislature to authorize the practice but also called for an elaborate set of restrictions to safeguard against abuse.

The draft measure the commission recommended would authorize physician-assisted suicide for people 18 or older who suffer from a "terminal condition" likely to result in death within six months or who suffer from an "irreversible suffering condition" involving "subjec-

tively unbearable or unacceptable suffering from a physical condition." It would require a physician to be present for the suicide, but only after a detailed process involving consultations with another physician, a psychiatrist or psychologist, a social worker and an expert in pain management.

The nonbinding vote in a conference room at Michigan State University here climaxed a year of deliberations by the commission, which was created by the same law under which Kevorkian is being prosecuted for his role in the suicide of a 30-year-old, terminally ill Detroit man last August. But it will not end the debate on the emotional issue, a subject of growing national controversy ever since the 65-year-old retired pathologist began his crusade to legalize physician-assisted suicide in 1990. Since then he has helped 20 people to kill themselves.

The legislature must act on the recommendation before November, when the existing ban expires.

No country or state has legalized assisted suicide, although the practice is commonplace in Holland. Oregon may vote on an assisted-suicide measure in November and a lawsuit in Washington state seeks to legalize the practice.

O'Hair said that some of the people Kevorkian has helped to commit suicide would not have qualified under the two tests set out in the commission's proposal and that Kevorkian's procedures "don't even approach the standards that we have recommended."

Taking aim at Kevorkian, the commission also recommended the same punishment as in existing law — up to four years imprisonment and a \$2,000 fine — for anyone who assists in a suicide without following legally mandated procedures.

## Election-Eve Bombings Plague S. Africa

By Paul Taylor  
THE WASHINGTON POST

JOHANNESBURG, SOUTH AFRICA

Terrorist bombings spread to several cities Monday, the eve of South Africa's historic elections, and the country's leaders closed ranks to reassure a jittery public that it will be safe to vote.

A car bomb exploded Monday morning at a taxi stand in the predominantly black area of Germiston, just east of here, killing 10 and injuring 40, and Monday night a bomb tossed into a bar frequented by blacks in Pretoria killed two and injured 29.

On Sunday, a car bomb exploded in downtown Johannesburg, killing nine and injuring 100.

Late Monday night a man claiming to be a spokesman for a white right-wing extremist group, the Blanke Bevrydingsbeweging (BBB), telephoned a Johannesburg newspaper to claim responsibility

for the Germiston blast and warn that more attacks would follow unless whites were given a separate nation so they would not have to submit to black-majority rule.

The blasts left election officials determined to conduct the vote completing South Africa's negotiated transition from apartheid to a multiracial democracy.

Balloting will begin on Tuesday for the elderly, the disabled, the infirm and for an estimated 250,000 South African citizens living abroad. The general public of some 22.7 million eligible voters is to cast ballots Wednesday and Thursday at approximately 9,000 stations around the country.

The South African Defense Force and the police are deploying more than 100,000 troops to provide security in and around polling stations. "I'm very positive and optimistic," said spokesman Gert Opperman, adding that he believed

the security situation would have been far more dangerous had the Zulu-based Inkatha Freedom Party not chosen last week to join the election. "I don't think acts of terrorism and sabotage by the right wing have the same potential to upset the election."

Although terrorist bombs are a relative novelty in South Africa, political violence is not. Since President Frederik W. de Klerk released African National Congress President Nelson Mandela from prison four years ago, more than 15,000 have died in political killings.

Most analysts doubted the attacks would significantly dampen turnout, which has been predicted to exceed 80 percent of eligible voters. There were indications from radio call-in shows and man-in-the-street interviews that it might strengthen the electorate's resolve.

## Eight Federal Projects Win Presidential Design Awards

THE WASHINGTON POST

WASHINGTON

Eight widely different federal projects—including the fields of architecture, historic preservation, civil engineering, electronic communication and the design of exhibitions, graphics and industrial products—have been selected to receive Presidential Awards for Design Excellence from President Clinton on Thursday in a long-delayed White House ceremony.

The announcement of the winning projects, selected in the spring of 1992, was postponed by the Bush administration presumably because of political opposition to the National Endowment for the Arts, which runs the quadrennial federal design competition. The Clinton administration by contrast was supportive but slow-moving. NEA Chairman Jane Alexander, appointed in September, is credited with finally getting the ceremony onto the White House calendar.

The exhibition design department of the National Gallery of Art—headed by Gaillard Ravenel with Mark Leithauser, Gordon Anson and Barbara Keyes—has the distinction of being the first program to win two of the presidential awards. Mounting 15 to 25 major exhibitions each year, the team was cited for installations that enhance "the visitor's understanding of the works of art on view." The department also earned a presidential citation in 1988.

As usual, most of the winners were recognized for a combination of traits, including aesthetic excellence, design ingenuity and economic performance. Mer Rouge Villas, a 33-unit public housing project in Mer Rouge, La., sponsored by the Farmers Home Administration of the Department of Agriculture, was cited both for "poetic and uplifting" architecture and for cost-effective construction using off-the-shelf components.

## Upjohn Co. Withheld Crucial Data On Halcion, FDA Report Says

THE WASHINGTON POST

WASHINGTON

The Upjohn Co. "has engaged in an ongoing pattern of misconduct" to ensure that its controversial sleeping pill, Halcion, would reach the market and stay there, according to a newly disclosed internal report of the Food and Drug Administration.

Upjohn denied the allegations. "Upjohn puts nothing ahead of patient health," said spokeswoman Kaye Bennett.

The report says Upjohn withheld data on side effects from FDA regulators. Halcion's critics say longterm use of the drug induces memory loss, depression, anxiety and violent behavior in some patients.

The FDA memo—dated April 4, 1994 and first reported in the current Newsweek—was written by investigators who examined the company between December 1991 and March 1992.

The FDA reanalyzed all data on Halcion use in 1992 and decided it was safe, but recommended stronger warnings about potential side effects.

The report cites Halcion study 321, conducted at a Jackson, Mich., prison. One-third of the side effects noted in that study were not reported to the FDA, and handwritten corrections to the original tabulations were omitted in the final report to the agency, the report says.

# Graduate Student Council

# Party!

The 1993 GSC Activities Committee is retiring with a bang, but they need your help or it may be a whimper. Contact Cris Dolan (cris@media, x3-0341) to volunteer.

We'll end the year with dancing, drinks, and snacks, starting at 20:00 Friday, May 13 in Ashdown House. Free for all MIT graduate students. Be there, or be elsewhere.

*All MIT graduate students are welcome to attend any GSC meeting. Or party.*

**Institute Committees** are your voice to the administration. Nominations are open now for many positions—watch for a detailed ad in the Tech.

**Commencement**  
Do you have more tickets than you need?  
Send email to gsc-request@mit giving

- Number of tickets available
- Asking price per ticket
- Your email address
- Your phone number

and we will put this in /mit/gsc/INFO/tix.

**Ticket Exchange:**  
Do you need more than you have?

On athena, attach gsc and read the file /mit/gsc/INFO/tix. This is a listing of people with tickets for sale.



**The Grocery Shuttle** Tired of paying too much for food? Hauling groceries on the T or on your bike, weaving through traffic? Tired of begging friends for rides? The shuttle provides free roundtrip travel to a full-size Star Market in Medford on Saturdays. Departures at 11, 12 and 13, picking up at E40, Senior House, Ashdown House, Burton, Tang, Edgerton and Random. Watch for the big yellow schoolbus!

# OPINION

## Letters To The Editor



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## Propagandist Posters Ethnically Offensive To Some

We would like to express our sincere grief and astonishment over the recent poster along the Infinite Corridor concerning the alleged Armenian massacres in 1917 and now. It is our feeling that poster of this type is very malicious and serves no positive cause.

The posters allege that the Turkish people were responsible for massacring the Armenians in eastern Anatolia in 1916-17. Nobody denies that shocking and grievous tragedies occurred at that time. What is misrepresented is the identity of those who suffered: in truth, Turks and Kurds suffered just as much, if not more, than Armenians.

Statistics taken by independent sources show that the population of the eastern Anatolian provinces decreased from 2.3 million Turks and Kurds and 1 million Armenians in 1913 to 0.6 million Turks and Kurds and no Armenians in 1925. The losses inflicted on the Muslim population by the Russian imperial armies and the Armenian militia are just as big as the losses of the Armenians.

The Ottoman Empire never took an official position nor gave any orders to massacre Armenians at any point in time. In 1916, after the Armenian rebellion to break away from the Ottoman Empire and to join Russia, the Ottoman government decided to relocate the population of the revolting towns further south into Syria in order to maintain the war effort.

On the contrary, it was the Armenian side in cooperation with the Russian Tsar who undertook a policy of ethnic cleansing in the Russian occupied territories in 1915. After the Turkish defeat in World War I, there was a trial in Istanbul, conducted by the Allies, for the Ottoman officers who served in the region during the relocation. Most of the officers were found innocent, and only a few were

charged with negligence. No evidence was found in the direction of a genocide plan. The archives of the Empire are made public in Istanbul: we dare anyone to prove us wrong.

Whatever the sad events of 1916 were, we, as civilized and conscientious members of the world community, prefer to limit our action to condemning the small extremist groups within the Turkish and Armenian nations. We are strongly against putting all the blame onto the members of one nation as a whole. We believe in the eternal friendship of the Turkish and Armenian nations; we have to get over the past and cooperate in order to create a brighter future for the region.

However, the Armenian side has repeatedly tried to keep the conflict going. Thirty Turkish diplomats have been assassinated by the Armenian terrorist organization, ASALA, since 1970. A bomb planted at the Orly Airport in France caused the death of more than one hundred Turkish and French civilians. Furthermore, the attitudes of the Turkish and Armenian politicians are significantly different. Armenians still mobilize innocent young people against Turks and vow for revenge in "Armenian Genocide Day" around the world.

The Turkish side, however, prefers to call its memorial days "Children's Day" or "Youth Day" rather than reciting past sufferings over and over (Funnily enough, the Armenian Republic recently decided on April 23 as its day of commemoration, the same date as Children's Day in Turkey, an important national holiday).

A further untruth in these posters concerns the current military conflict between Armenia and Azerbaijan over the region of Karabakh. Although the writers of the poster claim that Armenians are being massacred by Turks, the international observers tell another story. Armenia invaded Azerbaijan in 1990 and currently holds 15 percent of Azerbaijani territory under occupation. Several thousand Azerbaijani civilians have been killed by the Armenian militia and 500,000 Azerbaijanis have been thrown out of their homes during

the cold winter months.

Both the United States and the United Nations have condemned and severely criticized the Armenian side for its aggression. Unfortunately, the Armenian side has continuously blocked the peace negotiations supported by the Conference on European Security and Cooperation, the Commonwealth of Independent States, the United States, Iran and Turkey.

Despite the endless aggression of the Republic of Armenia, the Turkish government has given humanitarian aid of food, supplies and energy resources to the people of Armenia up to 1993. At this point, the claim by the Armenian students' association that the Armenian people are the victims is a blatant misrepresentation of reality.

Be it known that being a Turkish student in Europe and the United States is not easy. Young Turks around the world are continuously forced to defend the actions of an Empire which no longer exists. Furthermore, an active and militant community of fanatics and racists operate to give a false impression of Turkish society today. For example, films like the "Midnight Express" have wrongfully scarred the Turkish image in a fatal way.

We would also like to address the intimidation felt by the Turkish population around the world from fanatic Armenians and other devoted anti-Turks. Turkish students who leave their homeland for an education in the United States or in Europe are shocked (as we were) to find out that some (not all) of their neighbors breed intense hatred and rage in a truly racist sense.

The Turkish Consulate in Boston was closed in 1979 because Armenian terrorists killed the Consul and bombed the premises. A Turkish businessman who owned a pawnshop in Harvard Square was murdered by Armenian terrorists. After bombings and murders of Turkish Students in the area, the New England Turkish Students Association was closed

Letters, Page 5

## Richard M. Nixon, A Man of Our Times

Column by Matthew H. Hersch

CONTRIBUTING EDITOR

I've never written a memorial piece before, not even for H. R. Haldeman, whom I regard as a personal hero. It's only fitting though, that I should take pen to paper for his former employer, ex-ex-president Richard Milhous Nixon.

Let me get this straight right off the bat. Nixon was one of the finest presidents this nation has ever had. Sure, he was something of a paranoid schizophrenic, but this is actually a requirement for anyone seeking elected office, as any Undergraduate Association hack can tell you.

We Americans have a lot to thank Nixon for, even indirectly. Think how much richer our political lexicon is, for example, with the addition of words and phrases like "firestorm," "honcho," "the madman theory of diplomacy," "Saturday Night Massacre," "William Safire," "you won't have Nixon to kick around," and my favorite: "follow the money."

But seriously, folks, as a foreign relations meister Richard Nixon was first-rate, and probably one of the few American presidents who has been able to manage foreign affairs effectively and achieve even an iota of what he set out to do. As a war-stopper, Nixon's record is unmatched, and while his domestic world was marred by questionable ethics, his international efforts were as a peacemaker, a peacekeeper, and a champion of the underdog.

Presiding over the withdrawal of U.S. forces from Vietnam, he accomplished (although painfully) something that scores of other politicians were deathly afraid to. By engaging in detente with China and the USSR simultaneously, he prevented at least three wars, and possibly a nuclear exchange between Moscow and Beijing. And by coming to the support of Israel during the Yom Kippur War, he not only helped preserve that country, but kept Soviet troops out of the Middle East for 20 years. Compared to these wins, Nixon's few blunders (like bombing Cambodia and actually *trying* to convince the North Vietnamese that he was a paranoid schizophrenic in order to extract a peace settlement) seem only to be cute ideas that almost nearly worked.

Nixon was a president with a true grasp of the potential posed by his office, but he also proved, to an American people that probably needed the lesson, how inherently corrupting all power is. Nixon was a man of odd notions and screwy conspiracies who surrounded himself with people who encouraged him instead of setting limits, and he eventually paid the price.

And so, I suppose, everything comes back to Watergate. Don't get me wrong — everything about that little affair is important. Nixon is probably guilty of everything of which he was charged, and even the most mild of his transgressions represent something of a perversion of the American political system. But the record of Nixon's life should not

end there, for Nixon's political career did not. Until his death, he was still one of America's foremost senior statesmen.

That Nixon could accomplish the successes that he did is a tribute to this nation; that he got nailed after going too far is something of a tribute, too. Nixon was Nixon, and this country is better off for having known him.

## ERRATA

There was a reporting error in the description of which workstations offer encrypted telnet sessions ["Loopholes Loom Large in MITnet," April 22]. The only dialup workstation supporting encrypted telnet sessions is pesto.mit.edu. However, a secure remote login program is available on all of the dialup machines and can be used by running the klogin script available on-line in the Athena telnet locker, according to Matthew H. Braun, systems programmer for Distributed Computing and Network Services.

Also, due to an error in the on-line directory information, Associate Professor Harry West was incorrectly identified as a lecturer ["Rohatgi Wins 'RoboSoccer' Design Contest," April 22].

## Opinion Policy

**Editorials**, 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 signed 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, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4 p.m. two

days before the date of publication.

**Letters and cartoons** must bear the author's signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. We regret we cannot publish all of the letters we receive.

## To Reach Us

Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: ads@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, arts@the-tech.mit.edu, photo@the-tech.mit.edu, circ@the-tech.mit.edu (circulation department). For other matters, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person.

## Letters To The Editor

Letters, from Page 4

down in the early 80s. Researchers' homes were bombed after publication of a book theorizing that the claims of the Armenians about 1917 are largely invalid.

Any Young Turk who has heard terror stories such as these finds it difficult to stand up and do anything. The very recent past has shown that racism knows no end to cruelty. As a result, this intimidation has caused the Turkish side to be continuously underrepresented.

It is not right for MIT to provide a medium in which certain ethnic groups can fire away at others in an offensive and untruthful manner. Grief and suffering of oppressed people around the world should be made known to the MIT community, but misrepresentation of facts and groundless political propaganda should not be allowed.

After studying in the United States, working in Europe for two summers, and confronting so much anti-Turkish hatred and fear, we still continue to believe that people can live together peacefully. Our closest friends in the United States are Greek and Armenian, and they are proof that with friendship comes understanding. These people are among the smartest at MIT, and we deeply value their friendship.

We do not claim that the Turkish side is always right, nor do we believe it. We just want people to know that there are always two sides to any story. Yet, no matter how understanding we try to be, it is offensive to come face to face with hatred, lies and racist remarks.

Tolga I. Uzuner '94,  
Umit E. Kumcuoglu '94,  
and Turkish Students at MIT

### Armenian Club Provides Cultural Discovery For Student

About a year ago, I was waiting for the Massachusetts Avenue bus one day with a friend. In the process of updating each other on our respective lives, I told him that I decid-

ed to join the Armenian Students' Club at MIT. At this my friend gave me a confused look and asked me, "Why does there need to be an Armenian students' club? What do you have to talk about?"

I guess that the answer to this question is not obvious to most people. Most of my friends in college know of Armenia as a small country, if they have heard of it at all, with a forgotten history. Many people do not even know that Armenia has its own language, or that it was the first country in the world to adopt Christianity as its state religion.

And I myself cared little about joining an Armenian club when I first came to MIT, as my most distinct memory of Armenian Sunday school was of being derided for being the only person to attend a private school. I had

heard all the horrors of escaping from the 1915 Massacre in Turkey, a genocide in which over one-and-a-half million Armenians were killed, from my grandparents. However, my youthful ignorance, coupled with a language barrier barred me from learning more from them.

Furthermore, in certain situations, I had trouble reconciling myself as an American with my more traditional Armenian upbringing. In my experience, I had found Armenians to be provincial and extremely closely knit. Many Armenian parents that I knew at home, themselves raised in a protective environment, mandated that their children stay close to home for college and had strict control over their children's lives. This has been a problem for me, as I went far from home for college

and enjoy the choices that American life provides. Hence, confirming my Armenian identity was about the last thing I wanted to do in college.

But when I got here, people in my fraternity asked me about the origin of my name, and hence who Armenians were and so on. I realized how little I really knew about an undeniable part of myself. Though there are no other Armenians in my house, it was there that I was first inspired to explore my cultural heritage. So I decided that joining an Armenian students' club, a group full of people sharing my ethnic background, would be an important first step toward a discovery of what role my being Armenian plays in my life.

Letters, Page 7



## SENIORS!



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"An MIT student needs to find the balance between the academic and the social in order to remain sane; it is difficult but achievable."

"MIT is too narrow and focused. I felt lost in a place where most others seemed to know what they wanted."

"We get so wrapped up in keeping up with our curriculum that there's no time for the other things we need for personal happiness."

"The stress and heartache caused by fast-paced, pressure-filled courses, ridiculous numbers of requirements, and the depressing physical environment could be done without."

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 MIT Information Systems

# Letters To The Editor

Letters, from Page 5

No investigation of my ethnicity is complete without a look at Armenia's history.

Armenia was once an empire which stretched from the Caspian Sea to Asia Minor and almost to the Mediterranean. In 301 A.D., Armenia adopted Christianity as the state religion. In the 11th century, Armenia was divided among the Seljuk Turks, Persians, and Byzantines, and then conquered by the Ottoman Turks. In 1828 Persia ceded what is today Nakhichevan, Nagorno-Karabagh, and Armenia to Russia, resulting in the creation of a Russian Armenia and a Turkish Armenia. Russian Armenia prospered. Turkish Armenia, on the other hand, saw its end.

In 1915, under the cover of World War I, the Turkish government implemented and enacted this century's first genocide, annihilating over 80 percent of the Turkish Armenian population and erasing a large portion of its 3000-year-old culture. In 1987, the Turkish newspaper Hurriyet quoted a Turkish parliamentarian as saying that there were 2 to 3 million Armenians living in Central and Eastern Turkey prior to 1915. Today, there are an estimated 50,000 to 60,000 Armenians in all of Turkey.

My own grandparents on my mother's side endured this massacre. My grandmother was 18 at the time, and after watching both her parents and her first husband be killed, she remained stranded and ill with typhoid, and with no food to give her baby daughter, who died quickly. Many Armenian women were sold off as slaves, and the men were led on marches through the Syrian desert until they

dropped dead of starvation.

About 25 years later, in August, 1939, a young leader in Germany named Adolf Hitler justified his plan to destroy Poland and create a new order by asking his military commanders, "Who remembers now the extermination of the Armenians?" ["Hitler and the Armenian Genocide," Bardakjian]. Hitler's rhetorical question holds ominous significance.

But Armenians were not entirely exterminated. The few left fled to cities around the world, establishing cultural centers from Beirut, Lebanon to Boston, Mass.

Today, once again, Armenians in the Caucasus face the threat of extermination on their own homeland of 3,000 years. War on its borders with Azerbaijan and the economic and energy blockade by Turkey and Azerbaijan have left Armenia with two hours of electricity on a good day and a condition of living which is worse than that in Bosnia. Yet Armenians continue to build a democratic society out of their new-found independence, determined not to allow a second genocide to succeed.

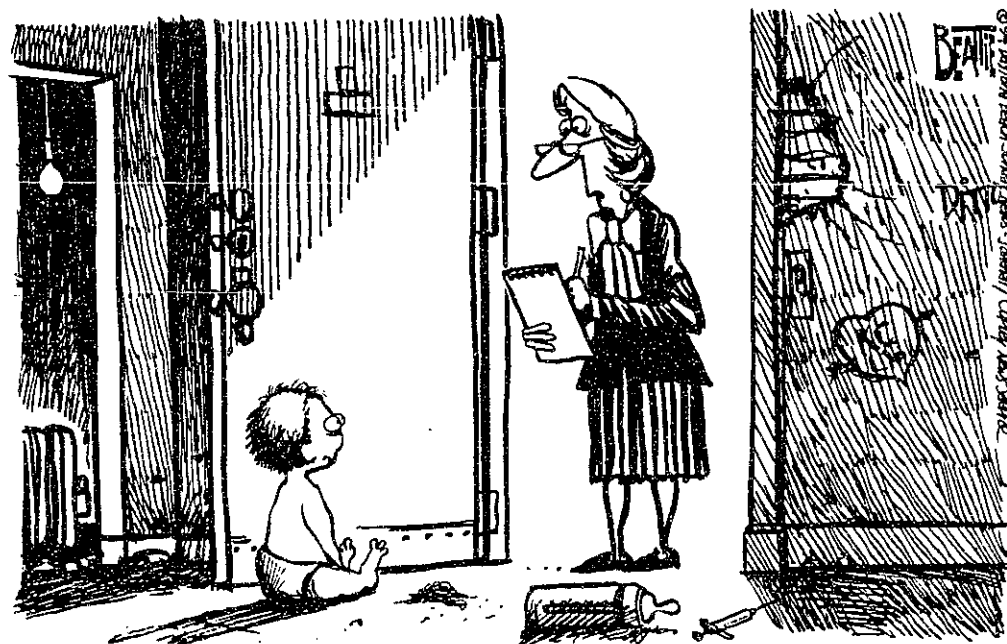
While I read about how this country starves to death, I am amazed by the stubbornness and tenacity by which these people live. I think about those same, stubborn, insular qualities I see in Armenians in this country, and I realize that it is those qualities which have enabled this tiny nation to survive and for people such as my grandparents to make it through the genocide, come to the United States, and start over. I look at the fear which my grandparents instilled into my parents, and I am better able to understand the overprotectiveness with which they raised me.

And so I continue to learn. Being part of

an Armenian students' club helps preserve Armenian culture for the future, as it might be in danger abroad. It's also nice just to get to know people with similar backgrounds. Some people in the group speak fluent Armenian, and it's nice to hear it, especially since I rarely

do now that my grandparents have all passed away. It is this environment of learning that I find a valuable complement to my highly technical MIT education.

Armen A. Vidian '94



"We're doing a survey about children at risk in America... Is your mom home? Your dad? Older brother? Baby sitter? Uncle?"

## Graduate Housing Office

There will be new summer hours for Graduate Student Housing (E32-133). The hours will be from 9:00 a.m. to 3:00 p.m. and in effect from April 19, 1994 to September 16, 1994.

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# THE ARTS

## Students and soloists bring *Requiem* to life

### MIT CONCERT CHOIR AND MIT SYMPHONY ORCHESTRA.

Messa de Requiem, by Giuseppe Verdi.  
Dominique Labelle, soprano; Mary Westbrook-Geha, mezzo-soprano; Mark Evans, tenor; Mark Aliapoulos, baritone.  
Kresge Auditorium.  
April 22, 1993.

By Thomas Chen  
STAFF REPORTER

John Oliver and his MIT Concert Choir returned to Kresge Auditorium on Friday night, April 22. They were joined by the MIT Symphony Orchestra in a performance of Giuseppe Verdi's *Messa da Requiem* (1873). Also under the direction of Mr. Oliver were soprano Dominique Labelle, mezzo-soprano Mary Westbrook-Geha, tenor Mark Evans, and baritone Mark Aliapoulos. The MIT musicians and their team of esteemed soloists afforded the capacity audience a nicely shaped rendering of Verdi's masterpiece with an appropriate balance of broadness of conception and dramatic incisiveness. Aside from moments of insecurity from the orchestra, the performance as a whole was musically satisfying and surely one of the most sonically dazzling to grace Kresge's somewhat dry acoustic.

Verdi's first notions for a *Requiem* mass began as a tribute to the memory of another well-known Italian composer, Gioacchino Rossini, in 1868. Verdi had planned that each of the movements of the *Requiem* for Rossini would be composed by twelve different composers (mildly akin to modern-day collaborative efforts like Farm-Aid and We Are the

World). The intended performance never took place, and several years passed before Verdi actually decided to complete a *Requiem* on his own — this time in memory of the poet and novelist Alessandro Manzoni.

Probably the most famous piece of criticism leveled against Verdi's work is an invective written by the famous German conductor Hans von Bülow. Bülow referred to Verdi as an "Attila of the larynx" who hoped "to eliminate the last remains, irksome to his own ambition, of Rossini's immortality." Bülow's diatribe was so potent that Johannes Brahms later examined Verdi's score for himself and commented that "Bülow has blundered, since this could be done only by a genius."

Considering the *Requiem*'s length and its dramatic scale, the MIT music community is fortunate to have a person of John Oliver's talent and resources. As with his many BSO performances, Oliver draws a strong, solid sound from the chorus. Oliver's tempos were quite conventional and did not show any self-conscious signs of "going easy" on an amateur student chorus by slowing down. The first major nail-biting episode for the chorus is the unaccompanied, twenty-eight bar *Te decet hymnus* at the *Requiem*'s outset. The chorus proved its strength, staying in tune and nicely focused. Led by the soprano, the chorus again absolved itself in another unaccompanied thirty-nine bar section at the tail end of the *Libra me*. For a chorus of its gargantuan proportions, the MIT Concert Choir achieved an impressive level of tonal homogeneity.

The highlight of the *Requiem* is the *Dies iræ*, in which the choral sound (helped by an augmented brass section) was absolutely thrilling. In spite of a couple stutter-starts

from the basses, only in the faster sections (like the scherzo-ish, eight-part *Sanctus* double fugue) can one really distinguish any minor weaknesses or unevenness in execution from the chorus as a whole.

Besides inspiring choral writing, Verdi's "opera set to sacred text" contains some of the most beautiful lines for solo vocalists in the European ecclesiastical music literature. Considering the *Requiem*'s proximity to *Aida*, Verdi affords ample occasions for each of the four soloists to gleam. My favorite part is the *Lacrymosa* where the mezzo-soprano is joined, one by one, by the other soloists and eventually the chorus. The duets sung by Labelle and Westbrook-Geha were especially beautiful, as in the ravishing *Recordare* and *Agnus Dei*.

The tenor and baritone also enjoyed moments in the limelight. Although Evans entered with an overly bellowy "Kyrie eleison," his sensitive rendition of the *Ingenisco* was fully satisfying, effortlessly soaring with particularly engaging oboe and flute lines.



HELEN LIN—THE TECH

The joint MIT Concert Choir and MIT Symphony Orchestra concert features solos by tenor Mark Evans and baritone Mark Aliapoulos in Verdi's *Requiem* Friday evening in Kresge Auditorium.

Although Aliapoulos was also technically secure, he is listed as a baritone where the score calls for a bass. Perhaps his somewhat gentle tone was just not menacing enough, especially in parts like *Confutatis* and the

Symphony, Page 11

## Student composer explores new ground in farewell show

### SENIOR RECITAL BY ADRIAN CHILDS

Works by Child, Childs, Persichetti, Copland, Kabalevsky, and Bernstein.  
Saturday, April 23, 1994.  
Elizabeth Killian Hall, MIT.

By Craig K. Chang  
STAFF REPORTER

The complexity of senior Adrian Childs' music cannot be documented here. But its qualities stem from so simple a virtue that only one word need cover the entire ground—expression. His every phrase, his every note projects some sort of swell in the imagination. To hear his music is to experience what goes on behind the mind of a great pianist and composer.

In a senior recital commemorating the people who have shaped his life, Childs showed the kind of emotional conviction that appears only after a lifetime of music making. His program was solely contemporary; yet, he managed to distill from complex shading and potential cacophony a pure stream of voice. However dense the palette of modern music insists on remaining, the world will forever need musicians such as Childs to recreate musical invention, to fill in that gap of communication between paper and ear, between ink and sound.

With the compositions of Vincent Persichetti and instructor Peter Child, Childs brought us to a whole different world, a world outside traditional sonority, amid complicated textures. The distinction Childs brought to "Calm, with dignity—Allegro ritmico" of

Peter Child's *Sonatina* evaded typical fanfare, and seemed to reinvent the language of our thoughts. The movements of Persichetti's Fourth Piano Sonata evade typical labeling: for instance, "Broad—intimately—Broad" seem to beg artists to expand upon these suggestions to the extreme. Childs's performance thus grew stronger from these cues, these signals to use the imagination to the fullest.

But none of these works by other composers showed us who that performer on the stage really was as well as Childs's own compositions. Music composed for Professor Alan Brody's production of "Master-Mistress of My Passion" demonstrated Childs's skill for linking his musical imagination to drama and to his audience. Even without the theatrical connection on stage, *Sonnets and Interludes* spoke for itself in enveloping us in the pres-

ence and ideas he sought to create.

Still, the pinnacle of the evening remained the *Sonata No. 1* by Childs, an incredibly charged work which drew from varying influences and yet maintained its own signature. The contemporary music of this composer and performer is not about tone clusters or other fancy tricks; it is a return to highly personal music. It is about the language of ideas unfolding before our ears. His music transcends the bulk of intellectual austerity flooding music today. This achievement undoubtedly roots itself in his unfailing attention to communicating to the audience. Just as he dedicated his program to the composers, teachers, and friends he admires most, Adrian Childs writes and plays to speak, above all, to people.

## Third Annual Massachusetts Biotechnology Symposium, Poster Session and Trade Exposition

May 4, 1994 ♦ Massachusetts Institute of Technology ♦ Cambridge, MA

### Morning Session:

9:00AM - 12:30PM / MIT Student Center

#### I. Human DNA Sequences- Biotechnology and Science:

##### Chair:

Dr. Phillip Sharp, Professor and Head of the Department of Biology, MIT

##### Presenters:

Dr. Walter Gilbert, Harvard University  
Dr. Bill Haseltine, Human Genome Sciences  
Dr. Eric Lander, Whitehead Institute  
Dr. Doug Treco, Transkaryotic Therapies, Inc.

#### II. New Science to Breakthrough Medicines: Two Emerging Themes

##### Chair:

Dr. Patrick Gage, COO, Genetics Institute

##### Presenters:

Dr. Douglas A. Melton, Harvard University  
Dr. Vicki Rosen, Genetics Institute  
Dr. Paul Bleicher, Alpha-Beta Technology  
Dr. Bruce Furie, N.E. Medical Center

### Poster Presentations ♦ Trade Show ♦ Luncheon

12:30PM - 2:00PM / MIT Johnson Athletics Ctr.

Posters from leading researchers and over 150 vendor booths.

### Afternoon Session:

2:00PM - 4:30PM / MIT Student Center

#### III. Immunology to Alzheimer's Diseases: An Emerging Continuum

##### Chair:

Dr. Vicki Sato, Vice President of Research and Chief Scientific Officer, Vertex Pharmaceuticals

##### Presenters:

Dr. Keith Wilson, Vertex Pharmaceuticals  
Dr. Steven J. Burakoff, Dana Farber Cancer Institute  
Dr. Masayuki Miura, Massachusetts General Hospital

#### IV. Successful Science

##### Chair:

Dr. Alison Taunton-Rigby, President and CEO, Mitotix

##### Presenters:

Dr. Eric Bonnam, Repligen Corp.  
Dr. Mitch Koplove, Genetics Institute

**Biotechnology Symposium  
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Student Rate: \$50.00**

### Poster Session

10:00AM - 5:30PM / MIT Johnson Athletics Ctr.  
Scientific posters from leading industry and academic researchers will be presented during the luncheon and will be available for viewing during the afternoon. Applications for scientists who wish to submit an abstract are available from the MBC.

### Trade Exposition

10:00AM - 5:30PM / MIT Johnson Athletics Ctr.  
Over 150 vendor booths will display biotechnology and related products at the Third Annual MBC Trade Exposition, sponsored by the MBC and supported by the New England Scientific Manufacturers Association (NESMA).

**The Poster Session and Trade  
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# Orchestra performs celebratory cross-cultural show

## GAMELAN SEKAR JAYA

With Gamelan Galak Tika.

La Sala de Puerto Rico.

April 21, 1994.

By Ann Ames

ARTS EDITOR

**M**IT's Gamelan Galak Tika opened the show last Thursday for Gamelan Sekar Jaya from the San Francisco Bay area. With incense, elaborate costumes, and the adept performance of music that was to many of us new and exotic, the evening's entertainment pleased more than just the ears of an audience that packed La Sala de Puerto Rico.

Galak Tika, led by MIT Professor Evan Ziporyn, proved its dedication to this Balinese art in two traditional pieces. Playing entirely from memory, as all gamelan orchestras must, the musicians provided a wonderful introduction to the intricately intertwined rhythmic patterns of the form. In addition to the music, the second piece involved the work of four dancers, one of them Desak Made Suarti Laksmi, currently a guest director of Galak Tika.

After its first trip to Indonesia (they have made two), Sekar Jaya was touted in the Indonesian press as "clearly the finest Balinese gamelan outside of Indonesia." To imagine that Indonesian groups must therefore be better than this ensemble is mind-boggling. Although the music seems incredibly simple on one level, as single rhythmic patterns are repeated over and over, each different type of instrument, drums, a flute, gongs, and various sizes of marimba-like metallophones, plays a different rhythm. Many of them play at lightning speed, all held together by a "beatkeeper" who strikes a squat kettle-gong to mark the time. The combination is complex and

aurally stunning, and Sekar Jaya's members play with astounding accuracy. Those playing in unison seemed to have had their wrists tied together on a rigid pole which governed every movement, and watching four people's hands whizzing across their instruments in perfect time was almost as exciting as hearing the music their efforts produced.

The group's visual presentation was equally thrilling, with each member clad in vibrant costume, illuminated on the small stage by lights of the same orange, magenta, and violet hues of their clothes. In addition, three of the six pieces on the program incorporated a dancer, with a different one in each work. Like the music, the style of dance was very different from Western forms, with far more emphasis placed on shifting gestures and facial expressions than on whole-body movement.

The first dancer to perform with Sekar Jaya, eight-year-old Balinese prodigy Wahyu Indira, took the stage in *Baris*, the third piece of the first half. His motions followed strictly in time with the beat of the music, displaying mature control over his own movements and an impeccable sense of time. So serious was this diminutive performer that even after the piece, when the crowd erupted in appreciative applause, he did not so much as smile, but solemnly led the grinning adult members of the ensemble in a bow.

After intermission, the group premiered *Tire Fire*, Ziporyn's new piece for gamelan, two electric guitars, electric bass, and electric mandolin. Ziporyn described this piece as "a statement about crossing borders," and it certainly is that. The orchestra begins in traditional manner, but then the electric strings crash in, crushing every exotic note in their noisy, ugly path. The gamelan tries for a time to hold out against this technological monster,

but the assault proves too much and for a while the guitars are left to thrash on alone.

Eventually the gamelan's beatkeeper subtly re-enters, not with the usual rigid beat, but in a Western rhythm, as if grasping at acceptance by assimilating this new, more aggressive culture. The strings fall into a sort of brooding, menacing throb, and the gamelan players begin to work along, trying in their way to keep up with the completely foreign style.

Subtly, the intricate patterns of the gamelan begin to reassert themselves, now seeming more familiar and welcome than the grating sounds of the electric instruments. With quiet power they overcome the guitars, which drop out entirely, then creep back in one by one. And suddenly everyone on stage stops playing — except for one guitarist, soon joined by the other in a repetitive duet governed by the beatkeeper. It is an inspired imitation of the gamelan, as if the beast has discovered beauty. Oddly, the gamelan comes back in even more in opposition to the strings than before, until both groups die away, exhausted by the struggle.

Then in a transition so simple it is barely discernible, everything comes together. The electric and acoustic sounds still do not quite blend, and the resultant compromise of Eastern and Western cultures is almost comic. Nevertheless, it is an undeniable celebration of diversity and cooperation, and the humor in the sound suggests a chorus of joyful human voices bringing the piece to an optimistic close.

Tradition returned in the next piece, *Topeng Monyer*, a dance drama that has existed in Bali for at least 300 years. The dancer this time was I Nyoman Catra, also guest director of Galak Tika, his face masked so that only his darting eyes were visible. Still,

an incredible amount of his "story" was told solely with those dancing eyes, which roved back and forth around the room, drifting and snapping in perfect time to the music. Dressed in a man's elaborate costume, his actions were often feminine, and his shyly extravagant actions elicited many laughs from the enchanted audience.

All the talents of the ensemble exploded in *Teruna Jaya*, the final piece on the program. The music raced forward faster than it had at any other point in the evening, and when dancer Emiko Saraswati Susilo took the stage, she captured the full visual attention of an audience whose ears were already captivated by the speeding rhythms. A stunning performer, she taunted spectators and musicians alike with an array of expressions that encompassed the entire spectrum of emotion. A coy smile burst into wild-eyed, almost demonic rage, which then melted into a sexy, saucy grin. She was exquisite. She has been a member of Sekar Jaya since 1990, and yet her presence on stage may well have been the only thing all evening that threatened to overshadow the efforts of the group's musicians as they beat furiously the rhythms her movements explored.

Several works written for Sekar Jaya by American composers are available on a CD entitled *American Works for Balinese Gamelan Orchestra*, recorded by the group in 1993. The CD, like this performance, is unique and fascinating, even without the extended sensory dimension provided by the visual element of the show. Unfortunately, for now, the only places to get the full treatment are San Francisco and Indonesia. After last Thursday evening, I've decided to start planning my trip as soon as possible.

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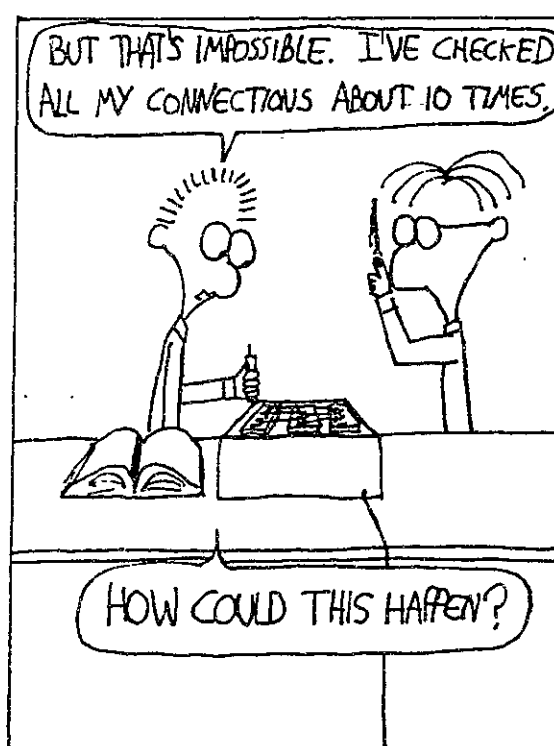
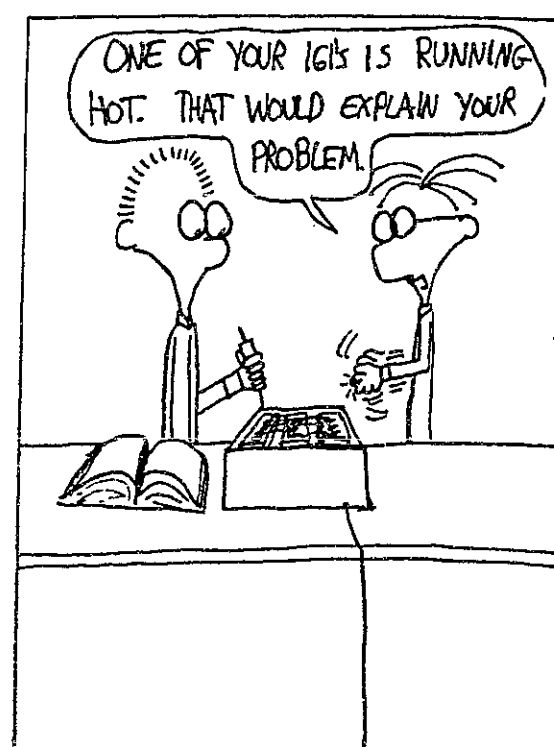
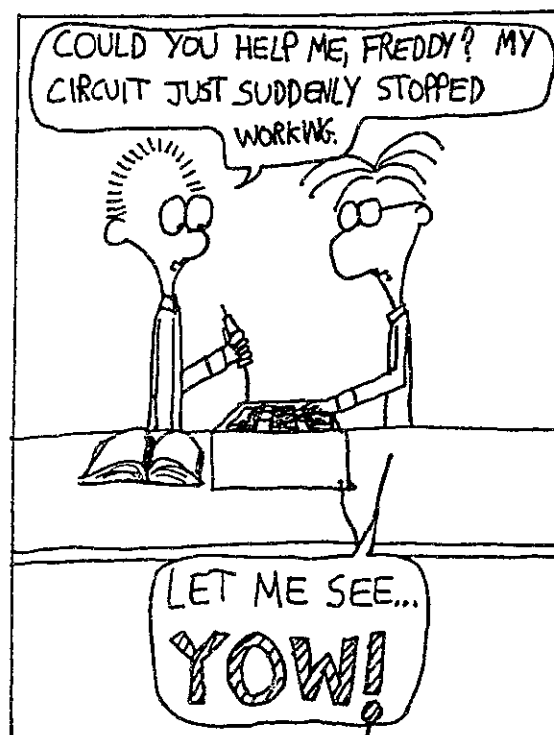
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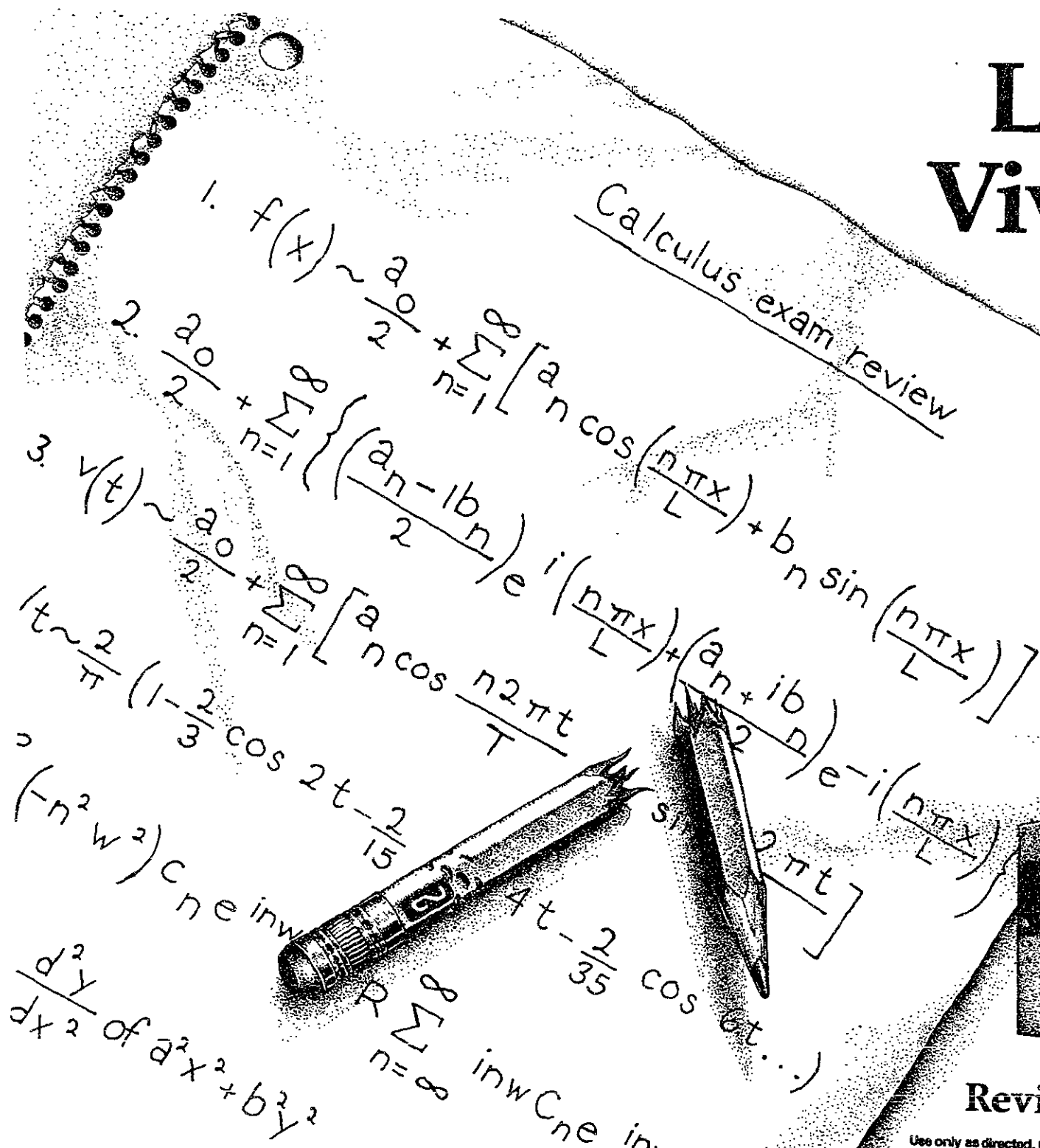
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# Ladies ride the range in fun but unlikely Western

## BAD GIRLS

Directed by Jonathan Kaplan.  
Screenplay by Ken Friedman  
and Yolande Finch.

Starring Madeleine Stowe,  
Mary Stuart Masterson, Andie MacDowell,  
and Drew Barrymore.

By Gretchen Koot  
STAFF REPORTER

**W**ow, Madeleine Stowe, Mary Stuart Masterson, Andie MacDowell and Drew Barrymore in chaps! It would seem that this must be a big departure from a typical western. It isn't, though, and that turns out to be a good thing. It looks like a classic western almost to the point of parody. It has all the rip-roaring excitement and more humor than most films of the genre, with one obvious twist: In this movie, the gunslinging protagonists are girls.

The movie opens with the women all working as whores in a saloon in Echo City, Colorado. For the first few minutes, things seem peaceful enough with the women giggling and the men hollering and laughing good naturedly while a congregation of puritans marches outside, denouncing the saloon as a den of iniquity.

Alas, this vision of tranquillity does not last long. A drunken colonel chases Anita (Mary Stuart Masterson) from one of the rooms, demanding a birthright kiss. He becomes violent when she resists. Cody, a straight-shooting, tough-talking woman played by Madeleine Stowe demands that the colonel behave himself. He replies by shooting at her, and she shoots back, killing him. Immediately, the town's people begin screaming that "The whore shot the colonel," and we can see that she isn't about to be informed of her right to an attorney. In the following scene, we see a noose thrown over a town sign

which announces, "Welcome to Echo City, Colorado's friendliest town."

Luckily for Cody, her friends aren't about to let her be hung. They rescue her and gallop off to begin their adventures and the main part of the movie, which involves trying to retrieve Cody's savings first from a bank and then from some scuzzy bad guys.

The worst part of the movie was the gratuitous bashing of religion early in the film. Echo City's minister rants on about the whore of Babylon and women with figurative scorpions between their legs. Unfortunately, this cardboard stereotype of the religious as sexually obsessed and cruel seems to have become a mainstay of modern Hollywood pictures. During Cody's escape, the minister is split into the dirt, and there is split second shot of a horse's hoof trodding on his bible. Thankfully, that's the last we see of him or his type in the film.

The best part of the movie is the action, and there is a lot of it. Lily (Drew Barrymore) must stop a runaway wagon by leaping to it from her galloping palomino. It is a stock western scene, but I still couldn't restrain a gasp when Lily fell backwards with her head dangerously close to a speeding wagon wheel. Later, the girls must attempt a daring jail break when Eileen, played with wonderful humor by Andie MacDowell, falls from her horse and is held in a jail in Agua Dulce.



Eileen (Andie MacDowell), Anita (Mary Stuart Masterson), Cody (Madeleine Stowe) and Lily (Drew Barrymore) star in *Bad Girls*.

Eileen's manipulative sweet talk to her endearingly naive jailer is at once tender and humorous.

There are a few scenes which show the unique frustrations of women in the old west, such as when Anita cannot claim the land she and her husband staked because her husband is dead and she is female. However, this theme of women's victimization is downplayed, and the characters don't spend much time bemoaning their second class status. This isn't a theme movie. It's just women playing cowboys, and most of the time they are having a good time doing it. They get to be the

strong, adventurous heroes that usually only men are allowed to be.

Most of the film seems highly unrealistic but that fits the genre. For a more serious exploration of what women had to deal with in the old west, I'd recommend a movie called *The Ballad of Little Joe*. Of course, the constraints of realism made that movie much less fun and more disturbing to watch than this one. *Bad Girls* may not serve the same dramatic purpose, but all in all it's a fun way to spend an afternoon.

## MITSO provides solid accompaniment for chorus

Symphony, from Page 8

ushed anxiety of *Tube mirum*. Subjective tastes aside, it is difficult to fault the soloists. The blending of the four voices was quite successful, producing a genuine vocal quartet.

The instrumental portion of the performance was not quite as successful as the vocal contribution. First things first, to be fair, the MIT Symphony Orchestra has markedly improved from the lackluster Dvorák last semester. The woodwinds have consistently delivered in their performances and were fea-

tured prominently again in the *Requiem*. Despite small intonation errors, their tone as an ensemble remained steady. I was especially amused by the short bassoon quartet in the *Libera me*, headed by the excellent principal bassoonist. Sitting at the back of the hall, away from my usual front-row seat, I found the string tone to be less aggressive than I remembered from previous occasions. I will indulge my penchant for pickiness momentarily and mention that the violins noticeably lost intonation during the "voca me cum benedictis" section of the *Confutatis*. Furthermore, the

evening's most painful moment came during the Offertorio. Although Verdi wrote a single melodic line for the cellos, the audience was hammered by a virtual chorus of approximations. Of all the technical challenges during the performance, this was the most unforgivable; I can only imagine Westbrook-Geha and Evans' mental fortitude in trying to stay in tune themselves during this section.

The Symphony deserves some measure of credit for its accomplishments. John Oliver's conception and the sheer magnitude of the *Requiem* was certainly conveyed in the perfor-

mance. The achievements of the MIT Concert Choir continue to grow each semester. After performing an 18th century masterpiece like the Bach *B minor Mass* and a 19th century work like the Verdi *Requiem*, one can only extrapolate that a 20th century composition is slated for the fall. Be it Carl Orff's *Carmina Burana* or something else, the chorus is sure to provide an interesting musical experience. And maybe next time, Kresge's ushers will do their job and keep the auditorium doors from slamming shut during the show.

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**Applications are available in the GSC Office.** The application deadline is Friday, May 6. Questions? Contact Chris Gittins, cgittins@mit, or Stan Reiss, sreiss@mit.

# Spring Weekend Events Raise Money for Charities

Weekend, from Page 1

to \$3,000 was raised for Project America and Childhelp USA. Over \$600 alone was raised during a spontaneous bachelor auction that took place.

The Undergraduate Association's Karaoke Pub Night also went well, according to UA Social Chair Rahul A. Saha '94. The goal of the pub night was "to get the UA back into Spring Weekend," Saha said. "People from the casino night wandered in when they wanted to take a break," he said.

Although the pub night had a core crowd of about 80 people, Saha estimated actual attendance during the entire night to be about 250.

## Tufts wins basketball shootout

On Saturday afternoon, Sigma Chi hosted the Spring Intercollegiate Greek Shootout, a basketball tournament that included teams from area schools. The Tufts University team defeated the Boston University team, 46-21, to win the shootout. MIT's team lost the first game to Tufts, 37-31.

The crowd was "pretty spirited, maybe too much so," said coordinator Anthony Chang '95. "Some of them were getting really competitive. I didn't want anyone to leave with hard feelings, but it was good that everyone was so excited." The tournament raised approximately \$1,500 for the Genesis Fund.

About 200 people attended the spring picnic at East Campus,

according to EC Social Chair Daniel D. Hurda '95. "People had fun ... everybody seemed to like the bands," Hurda said. "The cool weather kind of thinned the crowd out a bit toward the end, but the picnic lasted pretty much until 9 p.m. as planned," he said.

Saturday's events also included the Alpha Phiea market. "There were probably a few hundred people in and out ... a lot of people were just hanging out in Kresge Oval because the weather was so good," said Jennifer Yang '97, one of the participants.

According to co-coordinator Bethany M. Rogers '97, Alpha Phi raised about \$2,000 for the American Heart Association.

On Saturday night Sigma Iota Phi sponsored Night at the Improv, which "had a very good turnout," said SIPhi member Becky Wagenberg '96. "People seemed to enjoy themselves very much."

SIPhi Treasurer Aliza E. Mezrich '95 added, "It was a step in the right direction for us, as far as fundraising goes." SIPhi raised approximately \$700 for the General Israel Orphanage for Girls.

Sundae Sunday concluded Spring Weekend '94. Three hundred people lined up on the Student Center steps to eat their share of 45 gallons of ice cream, served by class council members. "It was really successful," said Jennifer A. Chow '95, one of the coordinators. "The weather was great. The only drawback was that there wasn't any music."



Anthony J. Ives '96 offers a tuck-in and bedtime story for auction at Saturday's Alpha Phiea Market. The auction of donated services raised \$2,045 to support cardiac research.

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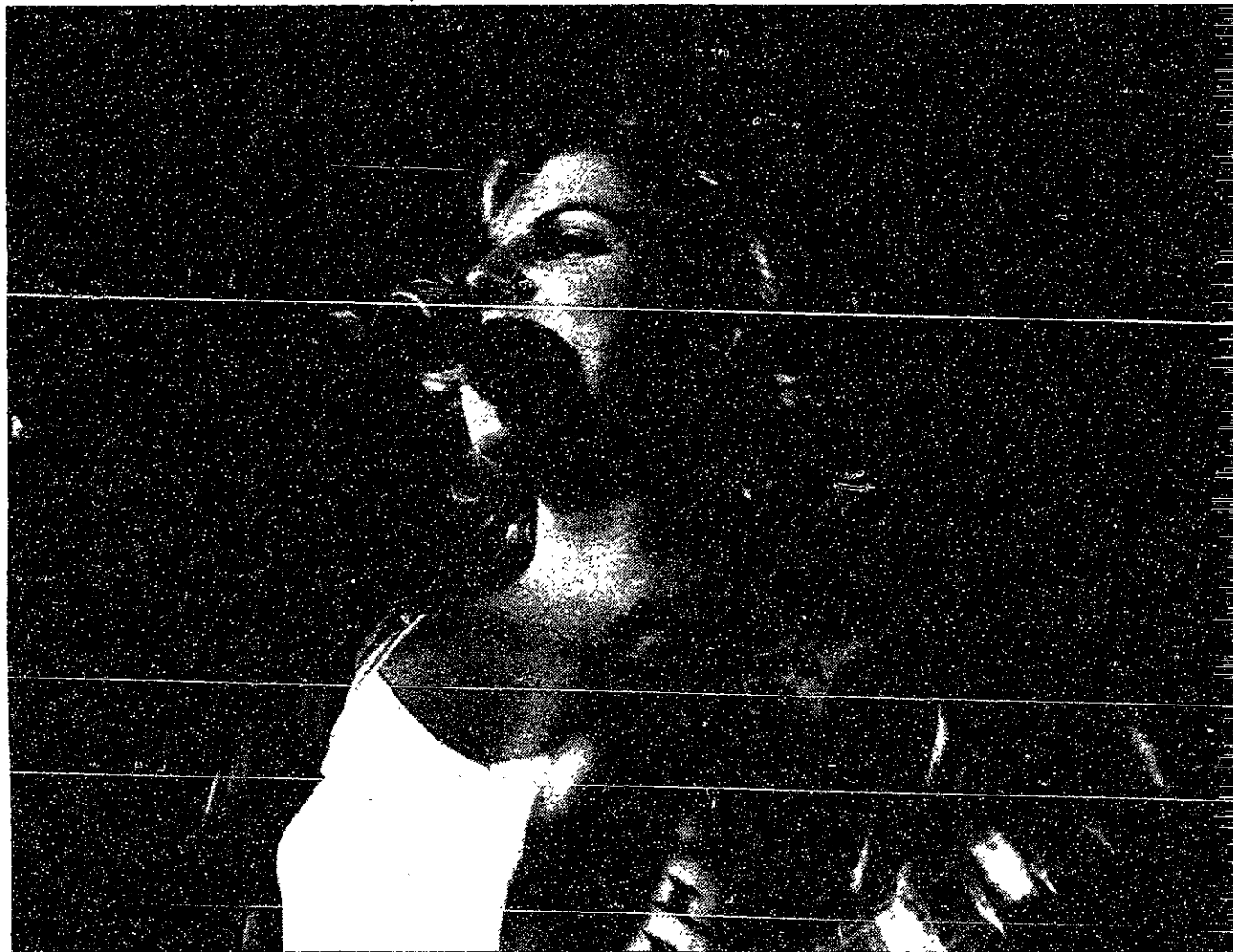
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Lead singer Tanya Donnelly of Belly performs during the Spring Weekend concert.



Students play blackjack for charity Friday at Las Vegas Night in La Sala de Puerto Rico. Several hundred people played casino table games at the event to raise funds for Project America and Childhelp USA.

# Simonides Accomplished Much as an Institute Head

Accomplishments, from Page 1

December, Simonides led the battle against the government, even after the other Overlap participants had settled out of court.

When, in fall 1992, MIT filed an appeal to a district court ruling against the Institute, Simonides reiterated his unconditional support for need-based financial aid, and seemed concerned about the prospect of any other methodology.

"Over time, it is possible that schools will become involved in bidding wars for students," Simonides said. "MIT will try its best not to give anybody more than they need. ... Some of these decisions, such as [the definition of] need, were improved by financial aid officers coming together. This

analysis won't be so good when done by each school separately; some students will be getting scholarships that they didn't need, others who need may not get enough. Over time we are worried about what that will do."

Those who were involved in the Overlap case admired Simonides' determination to fight the Justice Department. "He really shepherded that thing through," said Paul Joskow, an MIT economics professor who researches antitrust and advised Simonides.

"He would remind everyone of why we were doing this," said Executive Assistant to the President Kathryn A. Willmore, who had worked with Simonides for 30 years. "There was nothing more important than the principle we

were fighting for."

"There is a relatively small number of people at MIT who make it work, and he was one of them," Joskow added.

Student leaders agreed with this assessment. "Constantine will be remembered for who he was, not what he did," said Undergraduate Association Treasurer Raajnish A. Chitale '95, who worked with Simonides extensively. "He was the glue between presidents, and he was the behind-the-scenes problem-solver. He was the grease that made the wheels turn."

As secretary of the MIT Corporation, Simonides was critical as a liaison between the Institute, government agencies, and companies, said J. Paul Kirby '92, former UA vice president. And as vice presi-

dent, "He was the chief of staff, he was the president's right-hand man, he was the president's eyes and ears, he trained MIT presidents. He described himself as the 'glue that holds MIT together,'" Kirby said.

## Medical Center Development

Simonides was the driving force behind development of the Medical Center, according to his associates. "He was the chief administrator responsible for cost, quality of care, personnel management, all of that, and I think he did a fine job," Joskow said.

Professor Robert L. Jaffe, chair of the faculty, said Simonides had just completed the selection of a board to undertake a review of the Medical Center with respect to possible health care reform.

Moreover, as equal opportunity officer, Simonides was very effective "in bringing into MIT minorities and women into senior levels of the administration," Jaffe said.

Over his 30 years as vice president, Simonides repeatedly appeared at the center of debate over issues ranging from divestment from companies doing business in South Africa to the annual tuition increase.

Simonides was among the administration officials who in March 1986 ordered police to clear Kresge Oval of shanties erected by students protesting MIT investment in companies doing business in South Africa. Eight MIT students were arrested on trespassing charges, which were subsequently dropped.

In 1988, Simonides drew criticism over his handling of a contract renewal for Campus Police officers. The union representing the officers accused Simonides of bypassing the union to negotiate directly with the officers. The dispute marked the end of an ongoing two-year labor dispute between officers and the Institute.



A student wheels his groceries to the waiting Graduate Student Council shuttle bus at LaVerde's Star Market in Medford Saturday as shuttle coordinator David S. Cuthbert G looks on. The free weekly shuttle is now in its third week of operation.

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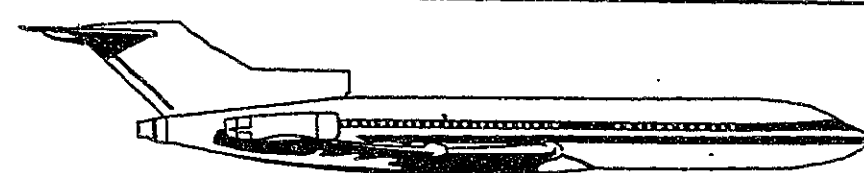


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by Jim

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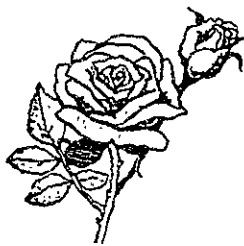
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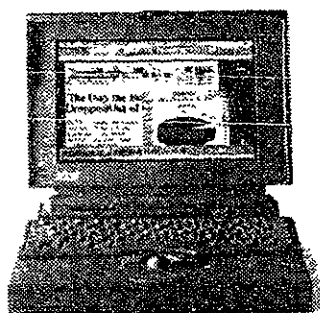
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10. The Donut Diet.
9. Cars that can talk.
8. "Do Not Remove Under Penalty Of Law" tags on mattresses.
7. Pop quiz on Monday following major weekend.
6. 1-900-DEBBY.
5. Lawn flamingos.
4. Imitation cheese.
3. Referee in Professional wrestling.
2. Did we mention the pop quiz?
1. Drugs.

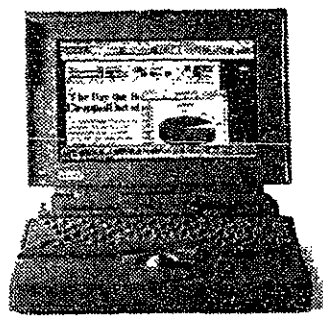
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# Harbison And Gray Receive Institute Awards

Faculty, from Page 1

ity to deal with the pressure of having to serve on the *ad hoc* committee and "about their capacity to act fairly and impartially" in such decisions, Thomson said. She added that it was unfortunate that people had to be discussed on the floor of the faculty meeting after agreeing to spend time to serve on the committee.

In an article in the March/April *Faculty Newsletter*, Thomson said that faculty members cannot be heard by a standing faculty committee except in cases of tenure. She continued that *ad hoc* procedures are "ill-equipped for developing an institutional memory and principles for dealing with complaints," there is no official closure of a case in this system, and there can easily be a suspicion of unfairness.

Associate Provost for Institute Life Samuel J. Keyser disagreed, saying that *ad hoc* committees would work better than standing committees because the parties involved could request certain people to serve on the committee. "Putting together those committees is a chore," Keyser said, but "both parties feel that they can buy into [the final decision]. I don't think an elected faculty committee will take care of that."

Professor of Physics Robert L. Jaffe, chair of the faculty, said that the FPC should address the general question of grievance procedures instead of the question of faculty-administration disputes.

## Two awards announced

Harbison was named the 1994-95 Killian Award Lecturer, which recognizes professional achievement and "the diversity of styles and undertakings of an outstanding faculty that embraces so many domains," according to the citation.

"Many of us have been oblivious to the developments in the arts programs at MIT, and especially to the strength of our music section. But even 24 years ago, it was able to attract the talents of a then-promising young composer," according to the citation. "Over that time, John Harbison has slowly become a national figure, now recognized as one of the two or three most important composers in America today."

"At the time of the committee's first meeting, however, there were members who had never heard of him or his work. I doubt that this is possible today!" said Professor of Media Arts and Sciences Stephen A. Benton '63, chair of the committee.

Gray received the Edgerton Award, which honors junior faculty members for excellence in teaching, research, and service to the MIT community.

"Martha Gray has made significant contributions to the understanding of how the growth and metabolism of living musculo-skeletal tissue is influenced by physical, chemical, and mechanical factors," according to the Edgerton Award citation.

"Martha Gray is a fabulous, dedicated, talented, and insightful teacher in both her HST and her EECS subjects," the citation continued. In addition, she is an adviser for both graduate and undergraduate students and serves on several Institute committees.

"My reaction to it was basically one of disbelief. I had no idea that I was nominated for it," Gray said. "My feeling is that I am flattered and still surprised!"

## POLICE LOG

The following incidents were reported to the MIT Campus Police between April 8-21:

**April 8:** Bldg. 56, graffiti; Bldg. 3, video camera stolen, \$2,000; Student Center, cellular phone stolen, \$430.

**April 9:** New House, party problem; Du Pont men's locker room, wallet stolen, \$15.

**April 11:** Student Center, 1) computer part stolen, \$200, 2) cash, \$103, 3) wallet stolen while complainant using pay phone, no cash; Du Pont men's locker room, wallet stolen, \$20; Bldg. 9, student problem.

**April 12:** Bldg. E17, obscene phone calls.

**April 13:** Du Pont, bicycle stolen, \$270.

**April 14:** Bldg. 5, cash stolen, \$70; Du Pont men's locker room, wallet stolen, \$30; Bldg. NW14, employee problem; Bldg. 26, 1) bicycle stolen, \$450.

**April 15:** Kresge turn around, motorcycle helmet stolen, \$130; MacGregor House, harassing phone calls; Bldg. 14 bicycle rack, bicycle stolen, \$350.

**April 16:** Westgate lot, access control arm vandalized; Student Center, disorderly person; Bldg. 4, suspicious activity; Albany Street open lot, CD-ROM stolen \$350.

**April 17:** Student Center, bicycle helmet stolen, \$45; Bldg. 14 bicycle rack, bicycle stolen, \$50; Tennis courts by Walker Memorial, pierced earrings stolen, \$130.

**April 18:** Burton House, party problem; Bldg. 14/Bldg. 2 bicycle rack, bicycle stolen, \$320; Bldg. 14, vandalism to restroom.

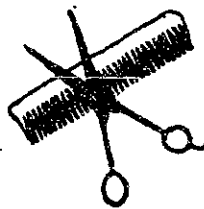
**April 19:** Bldg. 4, wallet stolen, \$50; Bldg. 3, suspicious activity; Bldg. 35, wallet stolen, \$400.

**April 20:** Audrey Street, '82 VW stolen; Bldg. 3, camera stolen, \$500; Bldg. 13, bicycle parts stolen, \$100; Bldg. 14 bicycle rack, bicycle stolen, \$350.

**April 21:** Bldg. E25, male arrested for trespassing and other related charges; West Garage, attempted larceny of motor vehicle; Bldg. 9, recovered stolen bicycle.

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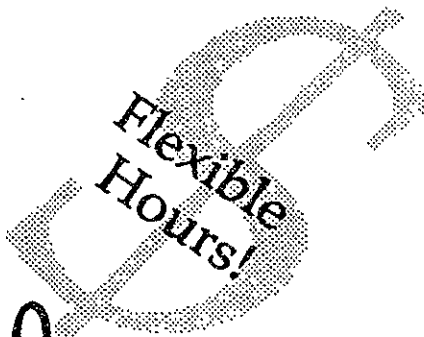
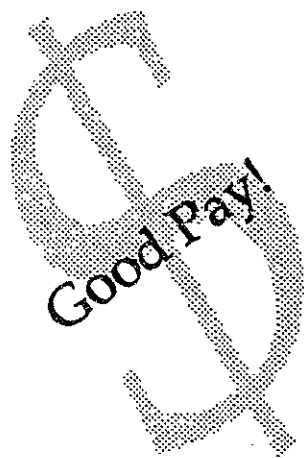
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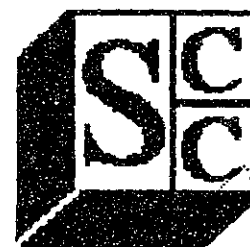
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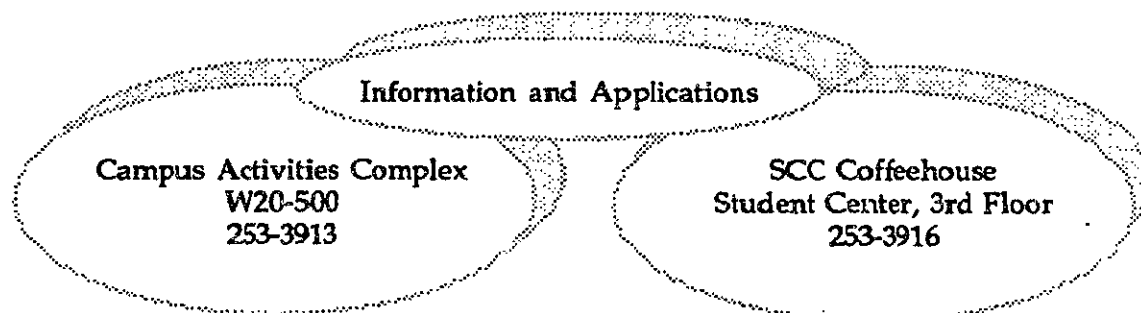
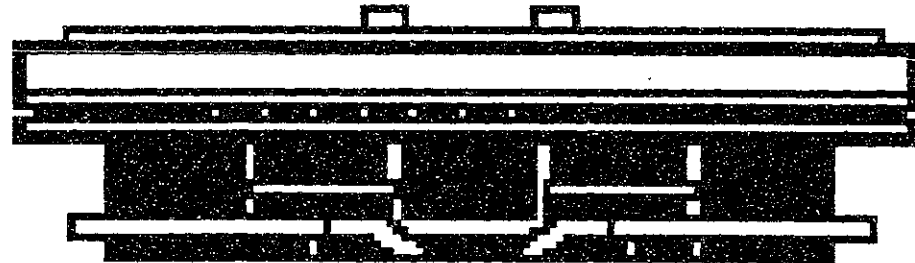
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# Simonides Remembered as Positive and Friendly

Simonides, from Page 1

said President Charles M. Vest. "Through the force of his ebullient personality and through the boundless energy he applied to everything he did, he made MIT a happy, satisfying place to work."

When working with members of the faculty, Simonides "was able to make their lives part of his life and build a tremendous confidence," said Professor of Physics Robert L. Jaffe, chair of the faculty. "Constantine cared very deeply on issues of family and work."

"People really enjoyed working with him," Willmore said. When Simonides disagreed with someone on an issue, "it didn't get in the way of the loyalty, the friendship, and the respect," she added. "For Constantine, MIT was an extension of his family."

Simonides' greatest talent "was a never-ending fascination with and insight into people," Vest said. "Constantine left an imprint on MIT that will serve us well for many, many years into the future."

"It is very therapeutic for us to talk about him," Jaffe said at the close of an interview. "We loved him."

"Constantine was the most senior administrator who spent the most time with students," said for-

mer Undergraduate Association Vice President J. Paul Kirby '92. Simonides was often present for UA nominations committee interviews, Kirby said.

"I remember Constantine Simonides as a man who had every reason, responsibility, and schedule never to be seen by a student, yet who never shunned the opportunity to smile and greet and share his life and experience with as many students as he could," Kirby said.

Simonides was "very student-oriented," said UAVP Anne S. Tsao '94. "He always wanted what was best for MIT overall and for MIT students."

"He was the kind of guy that everyone should meet in their lifetime," said UA Treasurer Raajnish A. Chitaley. "He had a great sense of humor, and always had an anecdote on hand for any occasion."

"Constantine was the kind of administrator who was MIT," Chitaley said. "He talked, walked, and breathed MIT. He cared intimately and deeply for every student."

Xavier A. Velazquez, who worked in Simonides' office for the past four years, said Simonides "made you feel really comfortable. He made you feel at home." Simonides would practice his Spanish on Velazquez — "He defended himself pretty well," Velazquez

said, but "he didn't have to be like anyone else."

## 'Irreplaceable' loss

"There will be a very big hole" because of Simonides' death, Smith said. "He was depended on by a lot of people, both for what he did and for who he was." MIT is in the midst of a reorganization effort, a "particularly difficult time to think about a short-term replacement," Smith said.

Because of the death, "some very significant changes are going to have to take place," Wrighton said. "He was involved in so many things and played a leadership role in all of them. I think there will be significant changes ahead."

"He's absolutely irreplaceable," Kirby said. "He was so unique and the scope of his duties were so unique it doesn't seem like a job you could just advertise for a replacement. The decision of what to do with his duties could well affect MIT for the next century."

## Essential to MIT

Simonides was involved with many programs and activities during his 34-year career at MIT. "Constantine so loved MIT that now that he's been taken away from it, MIT realizes how much a part of it he was," Keyser said. "I have never

met anybody, myself included, who was as loyal to MIT as Constantine."

"He was the instruction manual for most of anything that one needs to know about at MIT," Wrighton said. "He engaged himself in a number of issues that have in fact helped shape the traditions of MIT."

Simonides "encouraged everyone to move aggressively on diversifying our community and was always sensitive to the financial needs of our students," Wrighton said.

Simonides was also a supporter of athletic program, Smith said. "He and I were the two major fans of the women's volleyball team for many years," Smith said. A picture of a previous team hangs on the wall in Simonides' office.

"He had a great understanding of MIT and also a great affection for the place. He wanted to see it behave correctly and he was in a position to see that happen quite often," Smith said. Simonides "went about making things happen as opposed to talking about making things happen."

## Involved with Overlap

Simonides was heavily involved with MIT's antitrust lawsuit with the Justice Department regarding the Overlap group. Last December,

the Justice Department dropped the suit against MIT.

The work on the Overlap case "took a lot of his time and energy. He was very proud of the accomplishment, and rightly so," Smith said. "He played a major role for the Institute."

The victory in the Overlap case was "a major part of his life for the last three years," Keyser said. The case was a "triumph" for Simonides, he added. "From the point of view of his career, Constantine died serving an ace."

As secretary of the Corporation, Simonides had an "effect on what we think of as MIT and its relation to the Corporation," Smith said. "He made that an effective process and one that has worked well for a long period of time."

"Unknown to most people in the MIT community is the extraordinary effort he extended in making the MIT Corporation a very vital group," Wrighton said. "He really worked quite effectively to engage the Corporation in the life of the Institute."

## Native of Greece

Simonides started working at MIT in 1960 as assistant to the director of the summer session. He

Simonides, Page 17

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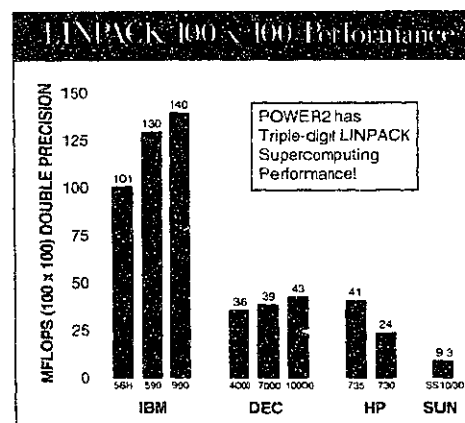
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Data Chart Source: University of Tennessee LINPACK Performance Report, Jack J. Dongarra, Oak Ridge National Laboratory, March 1994.

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# Simonides Will Be Fondly Remembered

Simonides, from Page 16

then served as assistant director of international programs in the Sloan School of Management and assistant dean of Sloan. In 1966, he became assistant to the president, and in 1970 was appointed vice president by President Howard W. Johnson. Simonides was elected secretary and ex-officio member of the MIT Corporation, the Institute's board of trustees.

He was born in Athens, Greece on May 5, 1934. At the age of 17, he came to the United States as an exchange student, and became an American citizen in 1959. He attended MIT and later received an AB degree in economics from Boston University in 1958. In 1960, he received an MBA degree from Harvard University.

Simonides was an elected town meeting member in the town of Wellesley, and served as a trustee of Babson College in Wellesley and of the Buckingham Browne and Nichols School in Cambridge. He was a member of the Committee of the BayBank Trust Company in Cambridge and was a leadership consultant to business, educational, and community organizations.

In 1956, he married Betty Lane

Allen of Belmont. Betty Simonides is a realtor with Prudential Landmark Properties in Wellesley.

Simonides is survived by three adult children: Ted, and his wife Donna and their son Alexander Constantine, of Palo Alto; Philip, and his wife Shaun, of Wellesley; and Cynthia of Boston. He is also survived by his sister, Julia Cot-sarides, of Athens, Greece; his niece Mirka Cot-sarides of Athena; and his nephew John B. Cot-sarides of New York City.

A funeral service will be held on Friday, April 29 at noon at the Wellesley Hills Congregational Church, 207 Washington St., in Wellesley Hills.

The family will receive friends at their home in Wellesley Hills on Wednesday, April 27 beginning at 2 p.m., and immediately following the service on Friday. There will be a private burial at the Mount Auburn Cemetery in Cambridge.

An MIT memorial service will be held later in the spring. Memorial contributions may be made to the Constantine B. Simonides Memorial Fund at MIT, and may be sent to the MIT Office of the Treasurer, Suite 200, 238 Main St., Cambridge, MA 02142.

## How the Gods Learned to Die

Samuel Jay Keyser, Associate Provost

For Constantine Simonides

When the gods were so old they could not walk, they sat in a circle facing outward on the horizon so that each saw a different thing, a boulder, a hillock, a tree with a blackbird at the top, a seventh wave breaking, a mulberry bush, a cloud.

*My legs are like tree trunks, said the first god.*

*My eyes are like stone, said the second.*

*My tongue is ice, said the third.*

*My fingernails are seashells, my fingers bone, said the fourth.*

*It is time for us, said the fifth.*

The sixth god, facing outward so that he looked at a cloud, said, *Let us be what we see and let what we see be us.*

*But that has always been so, said the seventh god.*

And so the gods sat still on the horizon, in a circle, facing outward, looking at themselves.

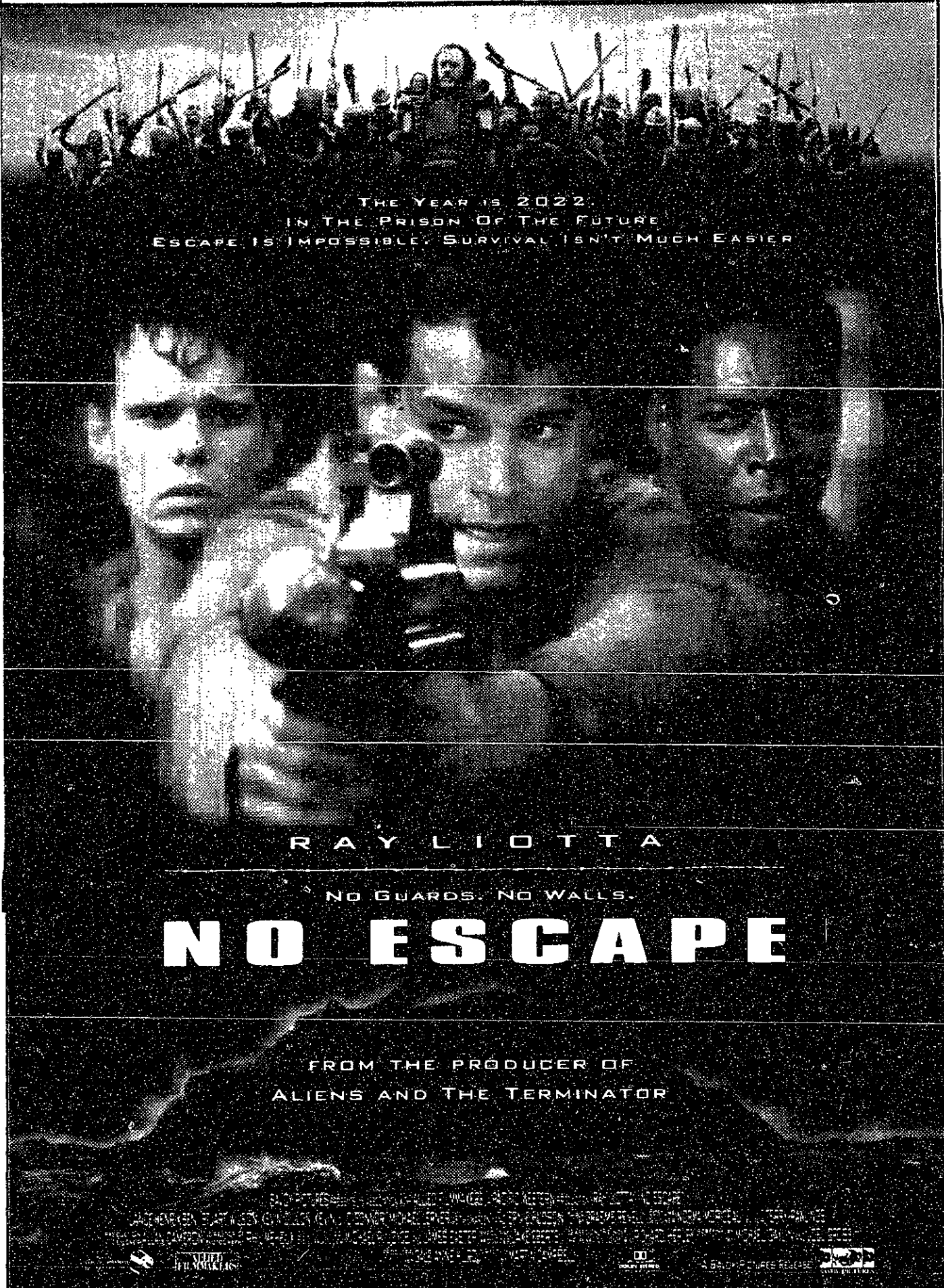
And that is why, when the gods close their eyes, the world will disappear.



ANDREW CHEN

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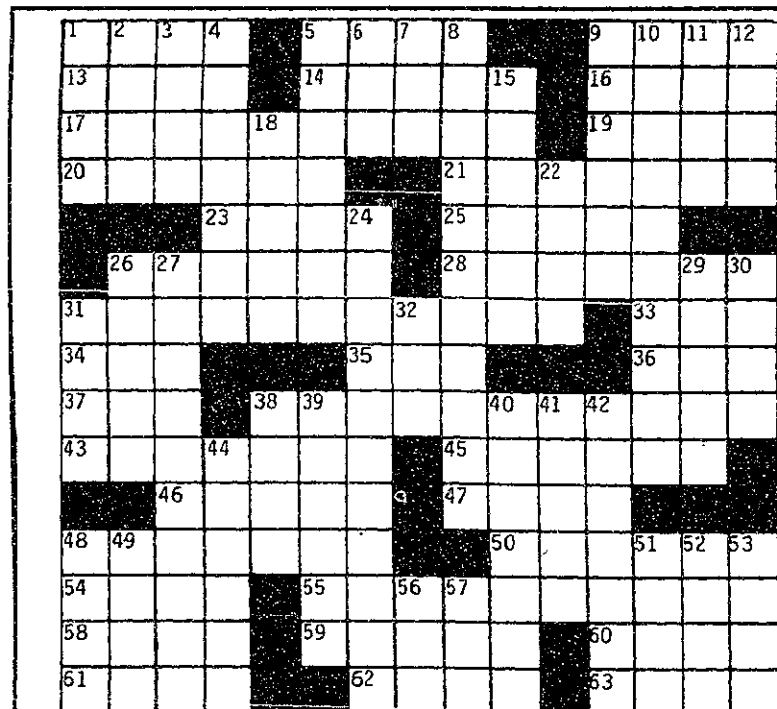
### Miscellaneous

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**Donate Your Live Brain, Part II** The Department of Brain & Cognitive Sciences seeks subjects with various linguistic backgrounds for experiments about all kinds of cool stuff that pay some amount of money for varying lengths of time. Send e-mail to mollylab@psyche.mit.edu for a questionnaire and details.

**RAM for Mac IIsi Needed:** Looking for four 1, 2, or 4 Mb SIMM's for my Mac IIsi computer. Please call 494-8931 and ask for Ben or send e-mail to tao@mtl.mit.edu if you have some to sell.

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### ACROSS

- Amphibian
- dry
- "The Iliad," for one
- May Wong
- Indians of the Midwest
- Prefix: foreign
- Oil field worker
- Ship's stem
- 1981 Dudley Moore film
- Certain '60s demonstrations
- Eye part
- Arm (joined)
- Jaunty
- Bankroll of a sort (2 wds.)
- Impartial outlook
- Part of a golf club
- Suffix for differ
- "A mouse!"
- Street in Paris
- Farming (abbr.)
- Notorious buccaneer (2 wds.)
- Asinine
- Beethoven's Third

### DOWN

- Soup scoop
- Like Hilton's horizon
- Trailblazer
- Dunderhead
- Links organization
- Newspaper items
- Track
- Principle author
- Mr. Kazan
- Balzac's "Goriot"
- Descartes
- Follower of young or old
- Ace
- Circumferential
- Privy to (2 wds.)
- Till the come home
- throw
- City on the Po
- Immense
- Flock watcher
- Well-known drummer
- Horoscope pro
- Type of cheese
- Turned right
- Turn a ear
- Soak flax
- Suffix: murder
- Sawing wood
- Great Lakes cargo (2 wds.)
- Refusal words
- Card pots
- Woolly
- "The Room," in Chicago
- Crystal gazer's words
- Poet Whitman
- Nastase of tennis
- Russian ruler
- Suffix for mason
- Downing Street

### PUZZLE SOLUTIONS FROM LAST ISSUE

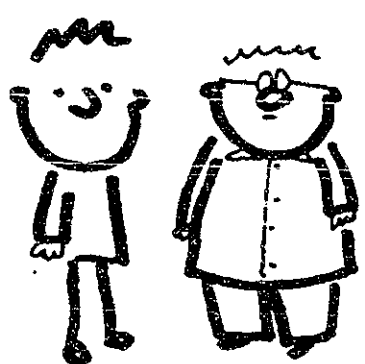


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## Jim's Journal

By Jim

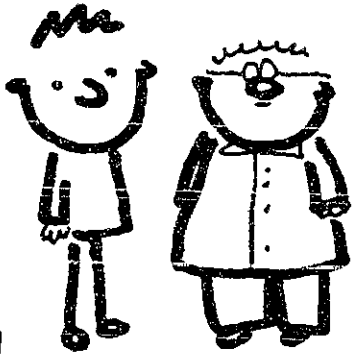
I went to see Dan today.



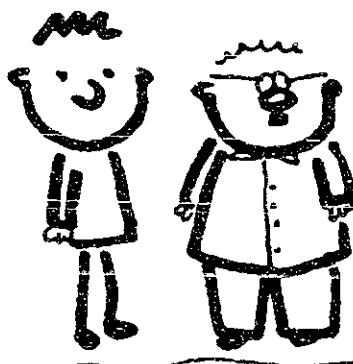
He said, "I wonder if people are mean because of genes or environment."



I said I didn't know.

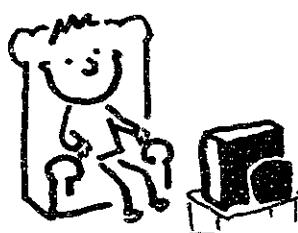


He said he tends to side with B.F. Skinner on the issue.



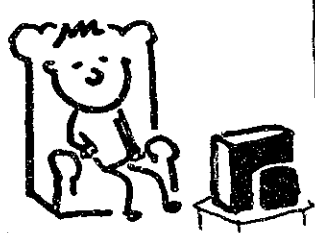
©1994 DICKERS

I was watching TV today.



## Jim's Journal

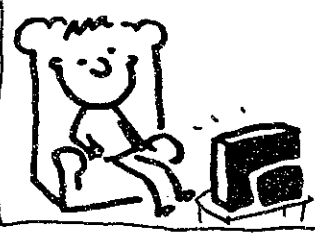
Suddenly my eyes got really heavy.



Before I knew it I was dead asleep.



I got up a couple of hours later to the voice of the "Stop the Insanity" woman on TV.



by Jim

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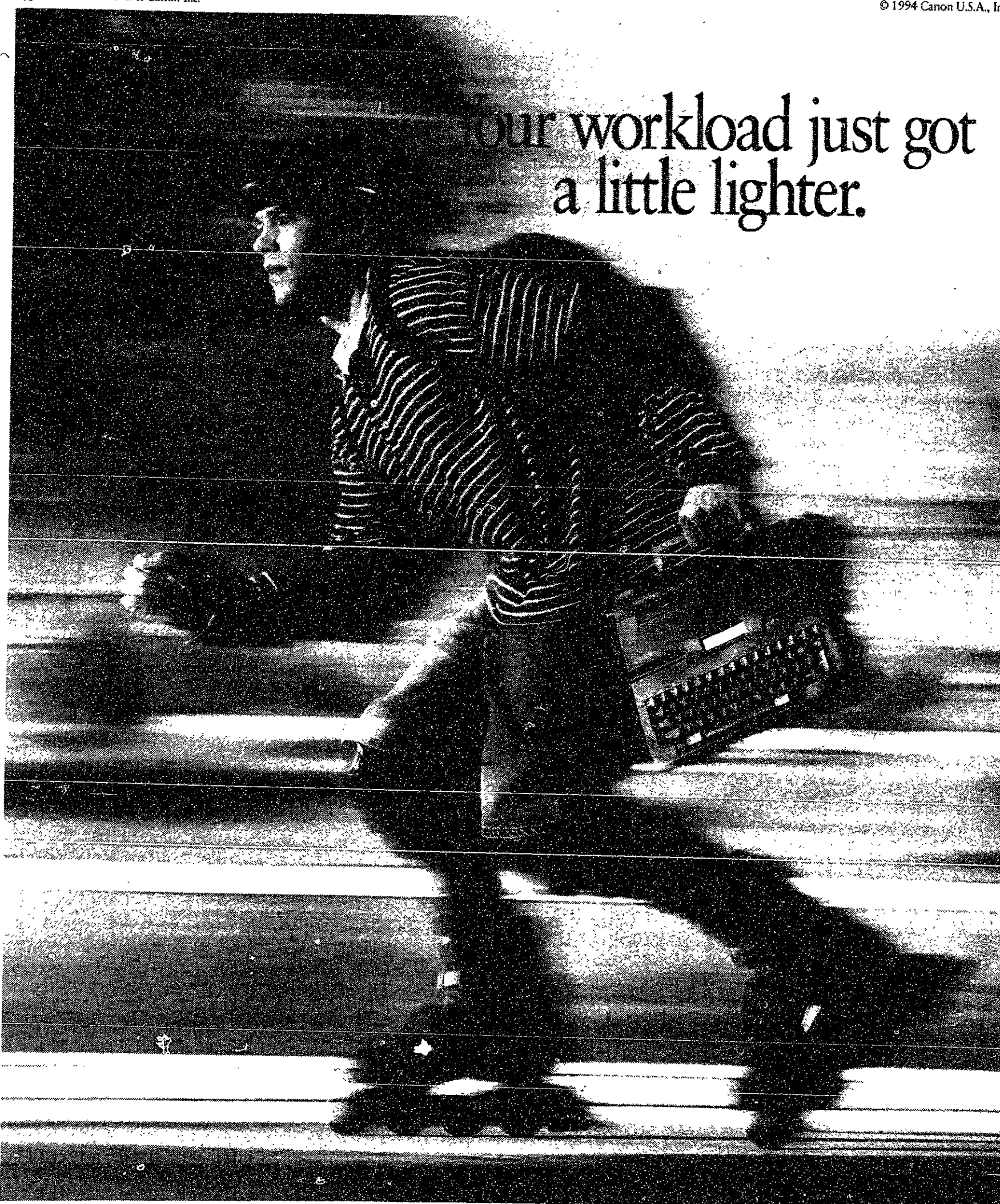
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## SPORTS

## Women's Crew Holds Strong At New 8 Regatta

By Megan C. Jasek  
TEAM MEMBER

The women's crew team held strong this weekend at the New 8 Regatta. The team raced three varsity boats and two novice boats. MIT expected another sweep, but was defeated in the second varsity and first novice races. The weather was outstanding, the sun was shining, and there was very little wind — perfect conditions for racing.

The New 8 Regatta consisted of MIT, Smith, Wellesley, and Mount Holyoke. The opponents did not have a third varsity boat so both the MIT second and third varsity boats raced in the 2V race. MIT lost this one by a hair to Mount Holyoke. MHC crossed the line with a time of 7 minutes 42 seconds. MIT's 2V was a close second with a time of 7:45, followed by MIT's 3V with a time of 7:59.

The second varsity felt that they had a good race. They held their own against the competition all the way down the course at a rating of 33 to 34 strokes per minute. Their start was strong, and their sprint was fast. The crew was eager to race MHC again — this time with a victory.

The third varsity was also happy with their race. They too had a great sprint and were swinging down the course at a 32 to 34 stroke rating. They were happy with their wins over the second varsity boats of Smith and Wellesley.

The varsity eight defeated their competitors with a time of 7:17. The Engineers crossed the line 12 seconds before Wellesley, their nearest opponent. MHC and Smith crossed the line with times of 7:37 and 7:41, respectively. The varsity crew had an excellent race. They went off the line at a 43 and settled to a 34 to 35 stroke rating. They pulled away from Wellesley at the 1250 meters to go mark and kept moving ahead until the finish. Boat members feel that the second half of the race is their strongest.

The second novice boat had another outstanding performance. They crushed their competition again. With a time of 7:55, they finished 37 seconds before any other boat. This boat has been consistently winning with margins of this magnitude. They are expected to do very well at Nationals at the end of the season.

The first novice boat lost to MHC and Wellesley with a time of 7:50. They were 8 seconds behind the winning crew. However, they were 40 seconds ahead of Smith, who finished with a time of 8:30.

The varsity eight race decided the champion of the New 8 Regatta, since MIT and MHC had the same number of points by the end of the day. The trophy will carry MIT's name, for the second year in a row. There is also a points award that is given to the team that accumulates the most points for the day, with a different weight for first, second, and third place finishes.

## Men's Varsity Tennis Ends Five-Match Losing Streak

By Daniel Wang  
TEAM MEMBER

Last week, the men's tennis team scored victories on consecutive days, first over Brandeis University on Wednesday, then over Dartmouth College on Thursday, by identical 8-1 scores. The team thereby broke a five-match losing streak, and improved its record for the season to 5-9.

Up until the two matches, the MIT team had been struggling throughout the season. Disappointing losses to Tufts University, 8-1, and Connecticut College, 5-4, preceded a defeat by Williams College, 6-3. Last season, MIT had defeated both Tufts and Connecticut College.

For the Engineers, the match against Brandeis was the first match back home in two weeks. In their previous home match, the Engineers narrowly defeated the United States Coast Guard Academy, 5-4.

This match, however, was never as close. Interestingly, the outcome was a reversal of many of the team's past matches this season. Top gun Jay Muelhoefer '94 was usually the only one to win his singles match, but against Brandeis, he was the only one to lose. Muelhoefer, playing well below his best, fought hard and even had a chance to win, but came up short, 7-6 (7-3), 3-6, 7-6 (7-5).

Mark Erickson '94, Nick Tsai '94, Jason Weintraub '97, and Dan Wang '97, playing third through sixth singles, respectively, all won their matches in straight sets quite easily despite gusty conditions on the court.

Second singles player Mauricio Lomelin '94 won his first set against Solly Ahdoot, but his opponent battled back to split the first two sets. In the deciding set, Lomelin regrouped to win the match, 6-1,

4-6, 6-3, and clinch the team win for MIT. Last October, Ahdoot came close to eliminating Muelhoefer in the first round of the Rolex New England Small College Tennis Championships.

MIT's first and second doubles teams won their matches quite easily. First doubles team Muelhoefer and Tsai continued their undefeated record against Division III opponents in the New England region. In this portion of the competition, however, the day belonged to Wang and Rob Marcato '97, for scoring the Engineer's first victory at third doubles this spring.

The pair started out sloppily, making many errors to drop to first set, 6-2. They then stormed into the second set, winning 16 of the first 18 points to win the set, 6-1, and tying the score.

Throughout most of the third set, things did not look good for Marcato and Wang. Errors helped the Brandeis team build up a 5-2 lead. However, the MIT pair never gave up and slowly came back. A few almost perfectly executed plays helped the two fight off two match points, and win a tough deuce game to tie the score, 5-5.

Then they broke the opponent's serve to break their spirit. As a result, Marcato and Wang were able to finish off a tough match rather easily.

### Easy win over Dartmouth

The next day, the Engineers returned to the tennis courts at MIT to take on the Dartmouth College "B" squad. Apparently, three of the Dartmouth players were not able to come, forcing them to come to MIT with only five players.

As a result, MIT instantly gained two points for a forfeit at sixth singles and third doubles. The Engi-

neers then did not need much time to seal the team victory.

On this day, there was not as much wind, but the air was considerably colder. The conditions, however, did not stop Muelhoefer and Tsai from allowing only two games to their opponents, in singles.

Lomelin and Weintraub followed up the results with straight set victories of their own. Erickson was the only MIT player to surrender a set, as he struggled, and bowed, 6-3, 6-2.

Because of the considerable traveling distance and the imminent darkness, the Dartmouth coach requested that abbreviated doubles matches be played. Both MIT teams captured wins by fair margins. Muelhoefer and Tsai continued to display the form that not only made them New England Champions, but also maintained their status as one of the best in the region. Erickson and Weintraub continued to show their strength, as they easily dominated their opponents to gain an 8-2 victory.

### Season winding down

The next dual meet for the team will take place tomorrow afternoon as it travels to Amherst College for its final away contest. There, the Engineers hope to avenge a 5-4 loss that they suffered last year. They will play their next and final home match Thursday next week, against UMass-Amherst.

At the beginning of the season, the team had hoped to extend their season by qualifying for the National Collegiate Athletic Association Division III Championships as a team. Unfortunately, with this season's results, that will not be the case. The Engineers qualified for team competition in 1991 and 1992, but fell short last season.

## Women's Water Polo Downs Mt. Holyoke, Wellesley

By Darren Castro

The MIT women's water polo team won two of their three games last weekend during the Women's Water Polo Non-League Championships at MIT's Alumni Pool. Friday night MIT thrashed Mt. Holyoke 19-5. On Saturday morning, MIT lost a very close game 7-4 to Harvard University, but then finished its season with a 12-2 win over Wellesley College that afternoon.

In Friday's game, MIT combined a strong offensive performance with some excellent goal-tending by Janet Woods '95. MIT peppered the Mt. Holyoke goal with 32 shots and converted six of their seven six-on-five player advantage situations. MIT jumped out to a 5-0 lead in the first three minutes of the game.

Cheryl Klepser G started the scoring binge by following up a shot by Amy Smith G that had rebounded off the goal post. Smith tallied the second goal off a pass

from the wing by Clara Yang '95. Stacy Nemeroff '97 and Karin Muller G, each of whom finished with three goals, scored before Klepser converted again.

Mt. Holyoke then netted a goal to break their scoreless streak. After the teams traded goals, making the score 6-2 in MIT's favor, MIT tallied eight of the next nine goals to take a 14-3 halftime lead. Key contributions during the run came from Klepser (two goals and four assists), Smith (three goals and two assists), and Yang (two goals and one assist). While MIT rested their starters during the third quarter, Woods shone in the goal. She made nine saves on the 11 shots she faced and finished with 14 saves for the game.

With the score 16-5 at the start of the fourth quarter, MIT used the remainder of the game to work on patiently setting up their half-pool offense using drivers towards the hole from the umbrella set-up. The leading scores for the game were Klepser (five goals and seven

assists), Smith (three goals and three assists) and Yang (three goals and three assists).

In their second game of the tournament, MIT lost a hard-fought match to Harvard by the score of 7-4. Two weeks earlier MIT had lost to Harvard 17-2, but MIT elevated their game considerably in the rematch. Harvard scored first, but Cynthia Santillan '96 scored off a pass from Klepser during a six-on-five advantage to knot the game at 1-1. Early in the second quarter, Klepser converted a pass from Smith for a 2-1 lead which Smith quickly increased to 3-1 with a lob shot just over the goalie's head as the shot clock was expiring. Harvard got two goals in the last 1:24 of the first half to tie the game 3-3.

Harvard got the first two goals of the second half before Klepser answered with a sweet backhand shot from the hole off a pass from Smith to pull MIT within one goal at 5-4. Harvard iced the game with a breakaway goal with 2 minutes

left followed by a six-on-five tally with 44 seconds remaining in the game.

For the game, MIT outshot Harvard 18-14, but six shot-clock violations hurt MIT's offense. Woods had another outstanding game in goal as she made nine saves, several of which came on odd-player (one-player advantage) rushes toward the goal.

MIT's final game of the tournament was against Wellesley College. Wellesley was replacing Amherst, who had to pull out of the tournament. MIT dominated the first half of play, giving up only five shots by Wellesley while scoring six goals to take a 6-0 halftime lead. Klepser had three of the first half goals while Yang, Kathy Youngbear '96, and Gillain Lee '95 added one each.

In the second half, MIT got goals from six different players to take a 12-1 lead before Wellesley finally tallied again to account for the final 12-2 margin. The MIT second half scorers were Klepser,

Jamie Rosenblum '96, Hillary Hudis '94, Amanda Gerner G, Deena Disraeli '96, and Katie Joynt '94. Three of the goals were assisted by Smith who demonstrated her long-passing abilities while playing goalie. Smith, who also played very well in goal by stopping nine of Wellesley's 11 shots, threw several passes three-quarters of the length of the pool to breaking MIT players. (Smith actually scored a goal while playing goalie in a game last year.)

MIT's women's water polo team finished the year with a final record of 3-5. Their leading scorers for the year were Klepser (25 goals and 12 assists), Smith (eight goals and 18 assists), Yang (seven goals and six assists) and Lee (four goals and two assists). As all four of these players, along with regular goalie Woods, are returning next year, MIT's team will have a good shot at improving their record and advancing to the US Water Polo Eastern Regional Championships.

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## UPCOMING HOME EVENTS

Tuesday, April 26  
Men's Lacrosse vs. Clark University, 3:30 p.m.  
Softball vs. UMass-Dartmouth, 4 p.m.

Wednesday, April 27  
Heavyweight Crew vs. Tufts University, 7:45 a.m.

Thursday, April 28  
Baseball vs. Albertus Magnus, 3:30 p.m.

All event dates, times, and locations are subject to change.