Under warm sunny skies, Killian Court was packed as 1776 students received 1945 degrees. More than 20 speakers addressed the graduates and their families (see text on p. 12). Photo essay page 5.

Fraud case raises deeper questions

By David P. Hamilton and Donald L. Kuo

Under clear skies in Killian Court, retiring MIT Corporation Chairman David S. Simon '41 opened the commencement ceremony by noting the disparity between the graduation studies and the "tragic culmination" of the Chinese students' three years of effort. Professor John M. Deutch '61, former President Howard W. Johnson, and commencement speaker Paul Tsongas, a former U.S. senator from Massachusetts, were black mourning bands.

Gray told the graduates that he had listened to speak on the cold fusion controversy, inquiries into allegations of academic fraud, and the need for them to increase public understanding and appreciation of science and technology, but that the events in

China news

By Irene C. Kuo

Remembrance of student demonstrators measured in Beijing echoed through speeches at MIT's 123rd commencement on June 2, where 1776 students received degrees and were exhorted by President Paul E. Gray to "pay heed to the values of democracy." Under clear skies in Killian Court, retiring MIT Corporation Chairman David S. Simon '41 opened the commencement ceremony by noting the disparity between the graduation studies and the "tragic culmination" of the Chinese students' three years of effort. Professor John M. Deutch '61, former President Howard W. Johnson, and commencement speaker Paul Tsongas, a former U.S. senator from Massachusetts, were black mourning bands.

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Subcommittee targets ILP's foreign dealings

By Irene C. Kuo

A congressional subcommittee singled out MIT's International Liaison Program as one technology transfer program that does not have the potential to create a conflict of interest or a potential financial conflict of interest in connection with technology transfer programs that would be discussed at the hearing.

Instead, the subcommittee noted that the ILP and relations with foreign companies, and faculty equity holdings, both of which they did not indicate in their letter to Gray, "made the hearings more than a test of whether MIT might be exploiting a conflict of interest." The faculty equity holdings program would be discussed at the hearing.

Committee's interest "misplaced"

"We feel that the congressional committee's interest is misplaced," Coates said before the hearing, an MIT faculty member who had asked Weiss' staff whether the ILP was to be discussed at the hearing.

"The questions [the committee] asked were about the potential for conflict of interest, which is the primary concern that the faculty have," he added. The subcommittee was interested in the ILP and relations with foreign companies, and faculty equity holdings, both of which they did not indicate in their letter to Gray, "made the hearings more than a test of whether MIT might be exploiting a conflict of interest." The faculty equity holdings program would be discussed at the hearing.

The company's foreign dealings are covered by a "public" member not affiliated with the ILP, and Congress should be able to determine whether or not the public member is "underwriting" the ILP.

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Paul E. McKenzie

Paul E. McKenzie '90, a 20-year-old political science major from Flemington, NJ, died June 17 from injuries sustained in a car crash. He was killed while driving on Route one near Princeton, NJ, after a car crash. McKenzie was very active in extracurricular activities at MIT. In addition to his participation in Navy ROTC, he was a sports fan who followed his favorite teams. McKenzie was very active in extracurricular activities at MIT. In addition to his participation in Navy ROTC, he was a sports fan who followed his favorite teams. McKenzie was very active in extracurricular activities at MIT. In addition to his participation in Navy ROTC, he was a sports fan who followed his favorite teams. McKenzie was very active in extracurricular activities at MIT. In addition to his participation in Navy ROTC, he was a sports fan who followed his favorite teams.
Committee focuses on Industrial Liaison Program

(Continued from page 1)
describing how relations [in technology] can be improved for the "next generation of work."
He argued that the results of all MIT research are in the public domain. "The TMP does not provide any way to access or private access to those results," he said. "It does provide for feedback and protection of proprietary information.

The 287 corporations participating in the tournament included 170 US and 57 Japanese firms. Each pays between $10,000 and $30,000 for participation. The MIT research in their areas of interest may be used to help the MIT, and participating fac-

ulty members may visit company offices. Executives may also re-

search published by MIT faculty members and "prostitutes," copies of papers that have been published.

Faculty participation is volun-
tary: some may be interested in
test points, worth $35 each, for
the work they do. A phone conversa-
tion with the company represen-
tative, for example, is worth 2 points. The game may be de-

ded for office furniture, computer equip-

ment, or professional services. The points ac-
tained by faculty members partici-

ate in a company's tournament is $665; the average among the

100 faculty members with the highest total points was $3600.

"But I can't help but feel that we have shown the MIT faculty members that we were not 'shown' in this thing that they had thought was going to be a good thing," said Gray. He added that he had heard from MIT faculty members visiting Japanese members.

"If your concern is the extent to which federal funded re-

search is exploited by others, you should look into IIP or programs like it at other universi-

ties," Gray said of the subcom-
mittee. "You have to deal with the whole concept in which uni-

versity research and graduate education take place and put it under wraps."

Useful restrictions on technology transfer?

At the hearing, the director of the NSF said the exchange of in-

formation between Japan and the United States is "50-50 in favor of the Japanese," but did not criticize the IIP. He said univer-

sities have no choice but to do research results in the public

domain.

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mittee. "You have to deal with the whole concept in which uni-

versity research and graduate education take place and put it under wraps."

Desirable lack of restrictions on technology transfer?

"When you start talking about ' techno-rationalism,' you can't believe that limiting informa-

tion flow to Japan," said James H. Raphael, director of research at Stanford University's Northeast Asian-US Forum on In-

ternational Political Economy. "The way to deal with it is to put a pretty leaky membrane."

"The future is so intertwined now that the spread of information to Japan out of fear of economic competition from the Japanese would be impossible," he added.

Echoing sentiments that American companies have been slow to flow technology, he said, "We shouldn't focus on ILP per se as a project to help US competitive-

ness, and he maintained that the

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China denies massacre as party purge looms

Remember the pictures of the carnage when the Chinese army crushed the pro-democracy demonstrations in Beijing's Tianamen Square earlier this month? A senior Chinese military official insists it never happened. He repeated government positions as he spoke with reporters touring the square, saying: "The whole process was non-violent. No one used guns." He added that some innocent people may have been wounded as troops tried to reach the square. Chinese witnesses at Western intelligence sources, however, say dead bodies on the square may have been as high as 3,000.

The Chinese government media are continuing their propaganda offensive against the Communist Party officials who sympathized with the student-led democracy demonstrations. The government is using the support for the purging of Zhao Ziyang as party boss. He had called for moderation in dealing with the demonstrations. Chinese authorities are saying all that China backs the purging of top moderates in the party, and are suggesting that the counter move may expand.

Chinese activists flee crackdown

Sources in Hong Kong say an "underground railroad" is helping get democracy activists out of China. Among those who have reportedly escaped the martial law crackdown are two leading intellectuals and a student leader who was on the government's wanted list.

Soviet sub catches fire

Norway is aiming pointed words at Moscow over a Soviet nuclear submarine that caught fire. Norwegian officials say the fire was caused by a reactor malfunction. It is the third accident involving a Soviet ship 'near-Norway in three months. The other two were a nuclear submarine and a civilian submarine. Billowing smoke, limped into a Soviet port.

Bank of Boston study credits

MIT alumni have founded more than 600 companies which have directly and indirectly created 300,000 jobs in Massachusetts alone, according to a study by the Economics Department of the Bank of Boston. The 636 alumni firms, found in more than 20 industries located in 104 Massachusetts cities and towns, generate at least $10 billion a year in sales.

What is helping get democracy activists out of China. Among those who have reportedly escaped the martial law crackdown are two leading intellectuals and a student leader who was on the government's wanted list.

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Walk Home For Lunch!

A Short Walk From MIT and Kendall Square

1 BR Loft w/roof deck, 3 Levels, $137,000

S P R I N G C O N D O M I N I U M

The Dramatic Renovation Of A Brick Mill Building

Amenities include Free Parking, Concierge, Central Air Conditioning, Gas Stove, Microwave, Security System, Clothes Washer & Dryer

Compiled by Niraj S. Desai

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LETTERS TO THE EDITOR

Columnist confused Reaganism with American dream

This letter is in response to Manavendra K. Thakur's column "Film shares the fantasy view of world the Reagan sold to America" [June 5]. I am not going to dispute Thakur's opinion of film Field of Dreams, which is his own and is certainly valid. However, if Thakur had paid closer attention to the film (I say this because of factual errors in the film synopses), and had not seen it through the filter of a pre-formed political agenda, the conclusions about the film may have been different.

Thakur missed the point in connecting the Reagan years to the Rockwell type of America — the "American dream." Reagan offered this dream to America, and an overwhelming majority of people responded, for the simple reason that they found this dream attractive. But Reagan seemed to have no intention of actually providing the dream to anyone. Rather, he used the promise of the dream to lure Americans into voting for him so that he could use his policies to line the pockets of his military-industrial complex. This is where the deception took place — the end result of the Reagan years was in fact to put the American dream out of the reach of most Americans.

There is nothing wrong or deceptive about the American MIT clothing drive receiving strong support last month.

The MIT Campus Police Service would like to thank the MIT community for its overwhelming response to our clothing drive of May 22-26. We gathered around eight vanloads of clothes from the same collection points: Lobby 7, Building E14, Senior House, Eastgate, Baker House, 500 Memorial Drive, and Westgate. The clothing was donated to CASPAR, Piers Street Inn, and St. Francis House, which are homeless shelters in Boston and Cambridge; the Salvation Army; and the Margaret Fuller House, an integrated community center in Cambridge. We appreciate the generosity of the MIT community and hope that students, faculty, and staff will maintain and increase their commitment to helping those less fortunate than themselves.

Virginia Sorensen
Matt Turner '89
June 18, 1989
MIT Center for Public Service

The students quoted in the article entitled "Student Defense Report on MICAR" [June 5] justly complain of the delay in the completion of the Military Impact on Campus Research Report. The cause was a series of accidents none of which are germane to the issue of interest to picket lines, 1.8 children, etc., and there is absolutely nothing simplistic about it. Indeed, in these days — and because of the Reagan years — the tranquility of a stable family life is more unattainable than ever.

Andrew Lumdaine G

Military impact committee will finish its report in 1988-89 academic year

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Andrew Lumdaine G
Commencement

Photos by Michael Franklin with Andy Silber
Train of

By
Jonathan
Richmond
The hip is a transport of life and death.

Images of Dallas/Fort Worth, Texas

The railRoad turned the development of Dallas, the boundaries of Fair Park, and the region into the nation's center of world trade. The diverse people move at Dallas/Fort Worth Airport. It is a gateway to the world. It is a place where people from the globe meet. The railRoad turns the development of Dallas, the boundaries of Fair Park, and the region into the nation's center of world trade. The diverse people move at Dallas/Fort Worth Airport. It is a gateway to the world. It is a place where people from the globe meet.
TWO WEEKS AGO, MARK MORRIS and his troupe of dancers, now based at the Monteux Theatre in Brussels, performed their American tour of Dido and Aeneas. Poor America—and lucky Boston! The very simplicity of Perret's choreography makes Morris' dance language as plain as his subject, and his dancing is uncomplicated by any pretensions to high art. The performance was serene—perhaps too serene, since it didn't seem to accentuate any of Hillerman's more lurid or surprising elements. Nevertheless, it was a solid achievement for Morris and his company. The American tour was a resounding success, and Morris' dance language is now recognized as one of the most dynamic and original in the world today.

By MARK ROBERTS

DIDO AND AENEAS

Opera by Henry Purcell.

Directed by Mark Morris.
The Monteux Theatre, Brussels. The performance was broadcast on the radio.

FEAST OF S. MARIA DELLA SAULTA

Mass by Claudio Monteverdi.


By DAVID STEKN

An excellent Mass opens Boston Early Music Festival for us again.

Enchanting Hillerman detective stories set in richly detailed Navajo milieu.

TALKING GOD

By Tony Hillerman

HarperCollins. May 24. 209 pp. $17.95

By KATIE SCHWARZ

Can't decide where to go for summer vacation? Reading anything by Tony Hillerman should give you a clue to the Southwest, in particular the Navajo reservation that straddles the state lines of Arizona, New Mexico, and Utah. Hillerman's latest novel, "Talking God," is a gripping tale about a young man who is accused of murder and must prove his innocence to the Navajo Tribal Police, and his stories are spun against the backdrop of the desert country from the perspective of the Diné (Navajo). No matter how much you know about the Southwest, you'll be surprised to find that there is more to it than meets the eye, and the story is even more compelling because it's set in a place that is often overlooked by modern society. But Hillerman's language is so rich that you'll be drawn into the story from the very beginning, and you'll find yourself unable to put the book down until you reach the end.

Mark Morris gives witty, sensual dance interpretation of Purcell opera.

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Valis points to exciting possibilities for growth of opera

By JONATHAN RICHMOND

The problem with the film is that it shortchanges the qualities that gave Lawrence's novel its notoriety. Ursula was described as "the finest woman in literature" and "the first 20th century free spirit." True, Russell's version of Ursula is portrayed as a free spirit, even before the opening credits. But in this day and age, her attitudes simply don't evoke the kinds of reactions that they once did. Consequently, the story loses a great deal of its potential impact.

It is true that some viewers will undoubtedly identify with Ursula, and others may be truly shocked by her open sexualit.

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The closing passages of Part II contain some of the opera's strongest music (three key passages are particularly magisterial), and also some of the most psychologically revealing moments. Phil walks into the pool chanting, "I'm not afraid." The suffocatingly climactic music and staging quickly lead us to believe otherwise.

Although the audience adored Valis, one critic complained that the opera was cliché-ridden. But new wars are used to cast fresh light on ancient human themes, and the film is fairly black humor adds substance and entertainment to what might otherwise be statements of the obvious.

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The marriage of David Kazdan '81 and Laura Gooch '82

An MIT affair

It was a big MIT affair for the marriage of David Kazdan and Laura Gooch at Thistle Hill, Fort Worth, Texas, on Sunday May 28, 1989.
Pictured above is the MIT contingent. Back row: Suk Lee '82 and Emi Lee '84 (married 1987) and Ken Segel '83. Middle row: Robert S. Gooch '51, Bill Gooch '78, Tom Gooch '77, Jonathan Richmond 'G' and Matthew Stern '82. Front row: Professor Karen Gleason '82, Karen Fortal '82, David Kazdan '81 and Laura Gooch '82.

Standing in front of Robert Gooch is David's nephew Brent Lazar '00, who made an unauthorized appearance; he's clearly at the start of a promising career in hacking. This photo by Philip Kazdan. Other photos by Jonathan Richmond.

Above right is the string quartet, which played "Arise All Ye of MIT" after the ceremony.

By
Jonathan
Richmond
 toolbox: Chris Menges' black and white cinematography captures the quiet desperation of modern British working class life in crisp detail without engaging in any overt manipulation. These images impel the film's imagination and characters with an unimpeachable sense of authenticity, that is authentic. The film is brought home and crystallized by the extraordinariously honest performances from the three lead actors. The film that emerges is a moving, un-sentimental portrayal of working class youth as they live and deal with the grim realities facing them. Loach's and Hine's refusal to point an accusing finger at any one government or person enables them to concentrate entirely on the characters and their lives. That strong focus is why the film can humanize its characters so effectively.

By the time that Looks and Smiles ends on a pregnant freeze frame, one can't help but reflect on how the film's title initially seems bittersweet and ironic. In truth, that's what Gillian Armstrong has tried to do in her film, Bridesmaids & Braces, a film that traces the lives of three young working class Australian women. Unfortunately, the film's editing is too scattershot to reveal any universal value. Nevertheless, the conclusion about Bino, Bridesmaids & Braces is inescapable: the finished product has a certain intrinsic value, but that value is unnecessarily diminished and undermined by the film's haphazard construction.

LOOKS AND SMILES

By MANANITYA K. THAKUR

Perhaps the most enduring legacy of Margaret Thatcher's 10-year rule has been the extreme polarization that has marked almost every level of British society and politics. Thatcher's heavy-handed attitude toward organized labor has stirred considerable resentment, and her attempts to privatize government services and roll back the British welfare state have been bitterly opposed. But the arts world has not ignored the issue: British cinema in particular has organized labor has stirred considerable polarization that has marked almost every level of British society and politics. Thatcher's heavy-handed attitude toward organized labor has stirred considerable resentment, and her attempts to privatize government services and roll back the British welfare state have been bitterly opposed. But the arts world has not ignored the issue: British cinema in particular has

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in this era of the global village, the tide of democracy is running. And it will not cease, not in China, not in Africa, nor in any corner of this earth, where the simple idea of democracy and freedom has taken root. To the students in China, in Africa, in our brothers, in our sisters, I say that we are with you, and we pray for your deliverance. I would like to express my appreciation for your kind invitations to speak to you today. But I must say I accepted it with some hesitation. Thirty-one years ago I graduated from high school. I don't remember who spoke to me at exactly. Twenty-seven years ago I graduated from college. I don't remember who spoke to me then either. And twenty-two years ago I graduated from law school, where the rules of this institution didn't allow me to go to graduation, so by definition I have no idea who spoke to me there either. I fear that I'm going to be the great trivial question of the day.

Before I begin, I would ask you to indulge me in these three reflections. First, I'd like to acknowledge the fine work of Doctor Dan Saxon in raising the financial standard of excellence in public higher education in Massachusetts. And finally, I'd like to acknowledge the work of Dr. Paul Gray and the fact that MIT compiled a recent study on competitiveness, which is just the latest example of MIT's contribution to vital thought in this country.

At this point I would like to give you a moment to applaud your families who have supported you all these years. They are here at your commencement to share with you in your most special moment. I remember that when I graduated from high school, the speaker who addressed me had given me a couple of weeks to sit there and have gladdened their hearts, deepened their pride, and destroyed their pocketbooks.

I have two thoughts that I would like to have with you today, and perhaps I could illustrate each with a story. It was a myth that's often perpetuated at commencement that holds that only hope and promise lie beyond the halls of academe. Don't worry, be happy. Everything is fine.

That advice reminds me of the story of a farmer. He's in an accident, he sue thee for the other side for damages. When he tried to claim it, the attorney for the other side put the farmer on the stand and asked, "As the time of the accident you said you to the state trooper 'I feel fine.' Did you say that?' The farmer said, "Yes, I did. "Well, the attorney said, "Then how can you possibly sue for damages?" "Well," the farmer said, "I recked driving down the road in my pickup. I had the cow in the back of my truck. My client could cross the center span, hit me boulders. Both 1 and 2 and 3. I went flying wing next to the side of the road, very badly hurt. The state trooper arrived on the scene. He went up to my cow, and said this cow can't be repaired. Took out the revoler, back. Right between the eye, he said to me, how do you feel?"

Everything out there is not fine. A commencement is a time for remembrance. In your senior year, I look back at my graduating class, I remember co-equal fellow, co-equal hopes, and co-equal futures. The co-equality of joy. It is also a time of melancholy. Some of you will achieve great personal success. Some of you will live long lives, some of you, sadly, will die young. Some of you will be plagued by inner turmoil. Some of you will truly give yourselves to those around you, and some of you will be consumed with self.

The fact is of having to manufacture things, or to drill wells, or to lay down pipes, or to install train tracks. This is a time to remember the friends that you have lost from sitting in an office. A wonderful time is having to think about these things, And playing with numbers. The numbers are like abstruse, hostile takeover, leverage, and repurchase. You would have to be truly stupid to think of inventing something or creating something. It's all in the numbers, the numbers, and the numbers. Forty years of increased earnings. Falling savings, rising debt, falling real estate, statistics. High cost of capital. But a happy ending...

Ladies and gentlemen, the Cold War between the United States and the Soviet Union is over. Not because of anyone there or here, but because of 1900s and beyond. There is no one there, is that the story is the story. When Mikhail Gorbatchev and Ronald Reagan were negotiating the INF treaty, they came to a point in time where the President got out and turned to Mr. Gorbatchev and said, "I'm going to tell a story about Chairman Gorbachev."

"Well," the farmer said, "look, I need a pickup. I had the cow in the back of my truck. Your lights came on. I drove. So, out they went out the road. On this side of the river. And the state trooper said, "Well, what do you want me to do?"

And it will not cease, not in China. Our countrymen. Love of others. The co-equality of joy. I fear that I'm not called for an abdication of the Divine Right, I'm calling for the recognition of the new world we live in. It is a time to deal with the other war. The war with drugs. The war with Japan and Germany and Taiwan and Switzerland and Korea and France and other allies. The war with drugs, and the drugs will take away our patriots in return.

Casualness when the market demands precision. "Whistle while you work" has given way to "How are you doing today?"

The war that we talk about is the war of discipline, of purpose, of will, of determination, of hard work, of long hours, and above all, of education. At the core of it is essentially a war of inner peace, of kinder, gentler. To quote Paul Tsongas, our candidate: "If we choose, it is a war of inner peace. We are borrowing, not spending, we have horizons in front of us beyond the four years ten years. We produce with a calmness when the world demands precision. "Whistle while you work" has given way to "How are you doing today?"

We are in America have lost our edge. We are beginner when we should be juggling. When we should be juggling when we should be juggling. When we should be juggling. When we should be juggling. When we should be juggling. When we should be juggling. When we should be juggling.

Don't fear your mortality, because it is this very mortality that gives meaning and depth and poignancy to all the days that will be granted to you.