Speakers Introduce Freshmen To Life and Academics at MIT

By Frank Dabek

A slew of speakers were on hand to introduce freshmen to a slice of life from MIT at the President’s Convocation held yesterday morning in Kresge Auditorium.

President Charles M. Vest opened the convocation with his traditional welcome, teased to apply to the class of 2002.

Following Vest’s remarks, which included the equally traditional reassurance that freshmen were “not admitted by mistake,” the students heard addresses from Nancy H. Hopkins, a professor of Biology, Dean of Students Rosalind H. Williams, and Undergraduate Association President Paul T. Oppol’9. Professor of Geology Kip V. Hodges PhD ’82 closed the morning proceedings with an audio-visual presentation entitled “Contact MIT.”

Hopkins presents her research

Vest introduced Hopkins as a researcher into embryonic development and cancer research. Hopkins told students that her wish for them was to “fall in love... with an intellectual vision of the future.”

She told the story of the beginnings of her own interest in biology which were sparked by attending a lecture given by James Watson, co-discoverer of the structure of DNA.

Hopkins, who had intended to study mathematics, had “fallen in love with DNA.” She changed her major and is now conducting a large scale experiment to pinpoint the genes responsible for the development of the zebra fish. The fish were chosen, Hopkins said, since “humans are not volunteering for the types of experiments we are conducting.”

During her lecture she outlined the five day development of the zebra fish embryo and demonstrated genetic modifications to animals including a zebra fish with fluorescent blood and a sheep whose coat falls off without shearing: genetic tricks that Hopkins calls “child’s play really.”

Hopkins ended her address by attempting to explain what drives her to undertake an experiment that has taken years of her time and entails the cleaning of over 4,000 fish embryos per day.

Dean for Undergraduate Curriculum Klip V. Hodges PhD ’82 introduces the Institute to freshmen during “Contact MIT,” held yesterday in Kresge Auditorium.

Kress. Later, they were joined by members of the women’s crew and field hockey teams for a ragged rendition of the MIT cheer.

After the performance, William M. Kettle, associate director of MIT Medical, spoke about student health at MIT. His talk focused on “the five S’s”: sleep, sustenance, exercise, and stretching for MIT students.

“Fanny fatigue” can be a problem at the Institute, he said.

Kettle then introduced Stuart Schmill ’86, head coach for crew at the Institute. Schmill provided an introduction to the athletic system at MIT. He also announced that the athletic facilities would be open free of charge to freshmen through the first week of the semester.

More students participate in various athletic activities at MIT than at almost any other college, Schmill said.

That may be because MIT students recognize the importance of regular meals, exercise, and stretching for MIT students.

The Future of Science” was the topic of a symposium held for the freshman class yesterday in Kresge Auditorium.

The Weather

Today: Pleasant, 75°F (24°C)

Tonight: Cloudy, 66°F (19°C)

Tomorrow: Clearing up, 83°F (28°C)

The Class of 2002 participated in cultural training yesterday through “Ba Pa Ba Fa.”

Online Writing Exam Tests Frosh at Home

By Zareena Hussain

While their counterparts take the written form of the Freshman Essay Evaluation this morning, over five hundred freshmen have already taken the test online via the world wide web for the first time this summer.

Twenty-nine percent of those taking the FEE online passed, according to Leslie C. Perelman, associate dean and director of the writing program. Fifty-six percent did not pass and an additional 13 percent did not pass with a writing subject recommended. Last year, 21 percent of students passed the FEE.

“This had been an experiment that had been proposed for a number of years,” Perelman said.

In previous years, all students who had not satisfied the phase one requirement by receiving a five on the Advanced Placement Examination in Writing and Composition would sit down for a timed test that lasted three hours and consisted of two writing tasks. Students taking the FEE today will see the same format.

Online form differs significantly

In contrast, the online evaluation gave students a total of 48 hours to write their essays. In addition, one of the essays was passage based. Students could access the passage on one of three designated Wednesdays in May, June and July at 5 p.m. On the following Saturday morning, they were posed an essay question based on the passage. Essays were due Monday morning.

Students were also allowed to consult additional resources in writing their essays.

“We didn’t prohibit them,” Perelman said, “We encouraged them not to.”

The passing rates for the online version of the test and the written test from last year are similar, however.

“What is interesting is the dis-
**Embassy Bombing Suspects Stand Trial after Affidavit**

**Small Bomb Injures 21 in Israel**

**WEATHER**

**Pleasantly Miskated**

**By Greg Lawton**

The stationary front which was to have brought us rain yesterday turned out not to be so stationary — its movement was no more accurate than the one of the pottering clouds in a deranged manner.

Saturday morning also marks the time when Massachusetts will shut down. The Central Bank has suspended all of its activities.

The stationery front which was to have brought us rain yesterday turned out not to be so stationary — its movement was no more accurate than the one of the pottering clouds in a deranged manner.

The nation's top safety official leveled another blast at the federations of union officials. The report focused on procedures for aircraft in entering conditions.

The market drubbing that has been growing steadily worse since May has caused the Standard & Poor's 500 to drop to 4.6 percent.

As a milestone in the struggle against terrorism, and vowed to continue to use all the tools at our disposal — law enforcement, intelligence and diplomatic agencies.

One of the camps was affiliated with al Qaeda, the group described by Freeh as a "primary subject of investigation." The affidavit also said that al Qaeda was part of a wide-ranging terrorist network that "has participated in the al Qaeda network in the United States, and that is expected to arrive in New York on Friday, sources said. Odeh, who had been one of the most active members of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

The greatest danger was at the crash site. The U.S. military had seized targets associated with bin Laden in Sudan and Afghanistan.

Laden will stand trial in New York for the bombing of the U.S. Embassy in Nairobi on Aug. 7, with due to be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

Laden was last seen in Afghanistan. He fled to Afghanistan from the United States, even though the FBI was aware of the Al-Qaeda's activities. The affidavit said that Laden was part of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

The affidavit unsealed Thursday gives an outline of the investigation, including a description of the suspects linked to bin Laden, and the government's efforts to locate him.

The investigation was the subject of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

The affidavit unsealed Thursday gives an outline of the investigation, including a description of the suspects linked to bin Laden, and the government's efforts to locate him.

**WEATHER**

**Pleasantly Mistaken**

**By Greg Lawton**

The stationary front which was to have brought us rain yesterday turned out not to be so stationary — its movement was no more accurate than the one of the pottering clouds in a deranged manner.

Saturday morning also marks the time when Massachusetts will shut down. The Central Bank has suspended all of its activities.

The nation's top safety official leveled another blast at the federations of union officials. The report focused on procedures for aircraft in entering conditions.

The market drubbing that has been growing steadily worse since May has caused the Standard & Poor's 500 to drop to 4.6 percent.

As a milestone in the struggle against terrorism, and vowed to continue to use all the tools at our disposal — law enforcement, intelligence and diplomatic agencies.

One of the camps was affiliated with al Qaeda, the group described by Freeh as a "primary subject of investigation." The affidavit also said that al Qaeda was part of a wide-ranging terrorist network that "has participated in the al Qaeda network in the United States, and that is expected to arrive in New York on Friday, sources said. Odeh, who had been one of the most active members of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

Laden was last seen in Afghanistan. He fled to Afghanistan from the United States, even though the FBI was aware of the Al-Qaeda's activities. The affidavit said that Laden was part of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

Laden was last seen in Afghanistan. He fled to Afghanistan from the United States, even though the FBI was aware of the Al-Qaeda's activities. The affidavit said that Laden was part of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

The affidavit unsealed Thursday gives an outline of the investigation, including a description of the suspects linked to bin Laden, and the government's efforts to locate him.

The investigation was the subject of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

The affidavit unsealed Thursday gives an outline of the investigation, including a description of the suspects linked to bin Laden, and the government's efforts to locate him.

**WEATHER**

**Pleasantly Mistaken**

**By Greg Lawton**

The stationary front which was to have brought us rain yesterday turned out not to be so stationary — its movement was no more accurate than the one of the pottering clouds in a deranged manner.

Saturday morning also marks the time when Massachusetts will shut down. The Central Bank has suspended all of its activities.

The nation's top safety official leveled another blast at the federations of union officials. The report focused on procedures for aircraft in entering conditions.

The market drubbing that has been growing steadily worse since May has caused the Standard & Poor's 500 to drop to 4.6 percent.

As a milestone in the struggle against terrorism, and vowed to continue to use all the tools at our disposal — law enforcement, intelligence and diplomatic agencies.

One of the camps was affiliated with al Qaeda, the group described by Freeh as a "primary subject of investigation." The affidavit also said that al Qaeda was part of a wide-ranging terrorist network that "has participated in the al Qaeda network in the United States, and that is expected to arrive in New York on Friday, sources said. Odeh, who had been one of the most active members of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

Laden was last seen in Afghanistan. He fled to Afghanistan from the United States, even though the FBI was aware of the Al-Qaeda's activities. The affidavit said that Laden was part of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

Laden was last seen in Afghanistan. He fled to Afghanistan from the United States, even though the FBI was aware of the Al-Qaeda's activities. The affidavit said that Laden was part of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

Laden was last seen in Afghanistan. He fled to Afghanistan from the United States, even though the FBI was aware of the Al-Qaeda's activities. The affidavit said that Laden was part of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

The affidavit unsealed Thursday gives an outline of the investigation, including a description of the suspects linked to bin Laden, and the government's efforts to locate him.

The investigation was the subject of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

The affidavit unsealed Thursday gives an outline of the investigation, including a description of the suspects linked to bin Laden, and the government's efforts to locate him.

**WEATHER**

**Pleasantly Mistaken**

**By Greg Lawton**

The stationary front which was to have brought us rain yesterday turned out not to be so stationary — its movement was no more accurate than the one of the pottering clouds in a deranged manner.

Saturday morning also marks the time when Massachusetts will shut down. The Central Bank has suspended all of its activities.

The nation's top safety official leveled another blast at the federations of union officials. The report focused on procedures for aircraft in entering conditions.

The market drubbing that has been growing steadily worse since May has caused the Standard & Poor's 500 to drop to 4.6 percent.

As a milestone in the struggle against terrorism, and vowed to continue to use all the tools at our disposal — law enforcement, intelligence and diplomatic agencies.

One of the camps was affiliated with al Qaeda, the group described by Freeh as a "primary subject of investigation." The affidavit also said that al Qaeda was part of a wide-ranging terrorist network that "has participated in the al Qaeda network in the United States, and that is expected to arrive in New York on Friday, sources said. Odeh, who had been one of the most active members of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

Laden was last seen in Afghanistan. He fled to Afghanistan from the United States, even though the FBI was aware of the Al-Qaeda's activities. The affidavit said that Laden was part of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

Laden was last seen in Afghanistan. He fled to Afghanistan from the United States, even though the FBI was aware of the Al-Qaeda's activities. The affidavit said that Laden was part of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.

Laden was last seen in Afghanistan. He fled to Afghanistan from the United States, even though the FBI was aware of the Al-Qaeda's activities. The affidavit said that Laden was part of an Islamic terrorism group rounded up by the FBI and U.S. carriers, will be arraigned on charges of being a party to murder, one for each American killed in the attack, plus one count of conspiracy and one count of providing weapons of mass destruction.
Bonnie Now a Tropical Storm, Heading North After Landfall

By Sun Anne Pressey
THE WASHINGTON POST
JACKSONVILLE, N.C.

Downgraded to a tropical storm, Bonnie lumbered northeast toward the Atlantic on Thursday, apparently

mean that the operation is lasting strike. ethnic violence that plagues

by Lynne Duke
THE WASHINGTON POST

Rebels Fight Government Forces
As Full-scale War Engulfs Congo

By Lynne Duke
THE WASHINGTON POST

Michelle Obama's kinship to Malia's father, Sen. Barack Obama, was to announce a $30 million

Judge Orders Iran to Pay $65 Million to Hostages, Families

THE WASHINGTON POST

A federal judge Thursday ordered the government of Iran to pay $65 million to the families of 13 American who were held hostage in Lebanon by Islamic extremists

ting tree limbs and debris. By after-

Clinton Makes Public Reappearance

THE WASHINGTON POST

Jackie Mason, 72, a political consultant who sought the California Republican presidential nomination in 1976, died Wednesday in Northridge, Calif. He was 72.

For his public appearances, Thursday was supposed to be something of a turning point for President Clinton. But it was not. The president appeared in California, New Jersey and Pennsylvania, and although he

Nobel Prize Winning Physicist
Frederick Reines, 80, Dead

LOS ANGELES TIMES

Reduces, he was reported

Russian Economy Weakens as Does Yeltsin's Grip on Presidency

THE LOS ANGELES TIMES

President Boris N. Yeltsin, increasingly isolated and under

President Yeltsin, increasingly isolated and under pressure to resign, remained secluded Thursday at his rural estate at the Russian stock market plunged to a record low and government negotiators launched a power-sharing agreement designed to reduce his authority.

Longtime Yeltsin supporters said the president is now so politically isolated that he may be forced to sell the ruble, the fall of the stock market and the economic chaos that grips the country.

"Yeltsin was never such a weak player as he is these days," said Yevgeny Lushkov, a former presidential adviser. "Yeltsin is not in power anymore."

Nikonorov and others said part of the proposed power-sharing pact could include the creation of a new presidency, one that would not include Yeltsin as president. The new president would be nominated by parliament and would remain in office only until he

was to announce a $30 million

funds to be used to clear landmines, and for medical assistance. But

were reported since Bonnie

20 years ago, which also packed 115-

miles winds, but left $5.2 billion of damage and 24 people dead. Hurricane Bertha, two weeks earlier in July 1996, caused nine deaths and an estimated $250 million in damage.

No serious injuries or deaths have been reported since Bonnie

president is likely to resign before year's end, prompting new election plans. The constitutional court has already indicated that information from the missile might be shared with China, Pakistan's ally, but officials refused to com-

Pakistanis Studying Fallen U.S.
Missile for Weapons Secrets

KARACHI, PAKISTAN

Pakistan scientists and weapons experts are studying components salvaged from an American cruise missile that fell to earth last week in southern Pakistan, seeking evidence that the United States has adopted an optimis-

"It is clear that his physical and mental performance is deteriorating

President Dick Cheney, who appeared to be waging a stiff run

"Impeach." One waved a scarlet

day, as something of an experi-

shorten in government funds. From

of state, as he spoke to reporters at seven African countries fighting in launched the current rebellion in

swim out roads. Shingled and side-

ereign journalists to Ndjili in a struggling through its second mili-

Despite earlier hints from aides

sion to again address the Lewinsky

"It raises the question of who is in charge."
Letters To The Editor

An Apology from SAE

At the end of the last semester, Sigma Alpha Epsilon was placed on suspension by the MIT administration. For the events which caused this action and the detrimental effect which they had on the reputation of MIT and its FSILGs, we would like to apologize.

As the term came to a close last year, the brothers of SAE examined our attitudes towards MIT and our fellow students. We have realized that the environment in which we live being so closely watched by outsiders, fraternity members and indeed all student must present themselves in the best manner possible. For this reason, we decided to make many changes within our house, which would have positive effects not only on our own behaviors and attitudes, but on MIT students as a whole.

With the strong support we have found from our alumni, we believe that the changes we have begun this summer will continue throughout the year. This fall we plan to hold several events on campus aimed at bettering student life. Realizing that this is a time for control and moderation, we have chosen to be alcohol free. This was in fact sanctioned by the Interfraternity Council last fall, but SAE plans to remain dry past the June 11 deadline set by the IFC.

We had hoped to have had our suspension lifted in time to hold rush events. Earlier this summer, we were led to believe that because of the programs installed by our alumni and the changes occurring within our brotherhood, this would likely happen. Our pledge program has been reorganized in order to focus on building true gentlemen, good students, and campus leaders. Due to incidents at other fraternities in the past months, we have been informed it will not be possible to have the suspension lifted before the upcoming rush weekend.

We still view our pledge program to be a vital part of the new house that we are trying to create. Therefore, we will be doing all that we can to have the suspension lifted by the second term, at which time we may extend bids and invite freshman to live with us. The rules have certainly changed for MIT's FSILGs. We at Sigma Alpha Epsilon are making changes to fit these new rules. We sincerely hope that other houses can observe the things that have occurred at our house, and learn the same lessons that we have so that the fraternity system can survive and retain its strong tradition at MIT.

We appreciate the positive support that the IFC has given us. We look forward to the events we have planned for this fall and to meeting the freshmen class.

Wesley T. Harrington '99
President, Sigma Alpha Epsilon

Opinion Policy

Editorials are the official opinion of The Tech. They are written by the editorial board, which consists of the chairman, managing editor, news editors, and opinion editors. 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. The Tech makes no commitment to publish all the letters received.

Letters and cartoons must bear the authors' signatures, address, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be published 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. The Tech makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. The Tech can be found on the World Wide Web at http://the-tech.mit.edu.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be published 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. The Tech makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. The Tech can be found on the World Wide Web at http://the-tech.mit.edu.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be published 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. The Tech makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. The Tech can be found on the World Wide Web at http://the-tech.mit.edu.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be published 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. The Tech makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. The Tech can be found on the World Wide Web at http://the-tech.mit.edu.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be published 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. The Tech makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. The Tech can be found on the World Wide Web at http://the-tech.mit.edu.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be published 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. The Tech makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. The Tech can be found on the World Wide Web at http://the-tech.mit.edu.
Uncovering Evidence in the Next Ken Starr

A Promising Presidency Tarnished

Naven Sunkavalli

If sex in the Oval Office with a 21-year-old intern were all that is impeding the president, he is in no need of impeachment. In the grand scheme of American politics, this incident is one of the presidential sex scandals.

Yet even since the days of the founding fathers, women have served the nation. Except for presidents: First there was Thomas Jefferson, who appar-ently kept company to his slave Sally Hemings. Our next president, Andrew Jackson, then, Andrew Jackson, James Garfield, Grover Cleveland, and Warren Harding engaged in affairs, although the public affair was not much of an affair—he married his wife by proxy. And, of course, Bill Clinton boasted, "When historians look at this presidency, they'll see a presidency of sex scandals."

Our forty-second president, Clinton, did not come into office alone. He had a large team of political advisors who made sure that the public Focus was on the sex scandal. Bill Clinton's defense is that he was not lying. What does Clinton's defense mean? It means that his defense rests on the Clinton's denial of the sex scandal.

In the Clinton administration, there is a large number of women who have worked hard to make our country a better place. They have been our partners in this effort. Today, I want to talk about some of these women and the roles they have played in our country.

First, there is Hillary Clinton. Hillary Clinton is the wife of President Bill Clinton. She has been an active participant in his administration and has played a key role in shaping its policies. Hillary Clinton has also been active in the fight for women's rights around the world.

Second, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Third, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Fourth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Fifth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Sixth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Seventh, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Eighth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Ninth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Tenth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Eleventh, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Twelfth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Thirteenth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Fourteenth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Fifteenth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Sixteenth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Seventeenth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Eighteenth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Nineteenth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

Twentieth, there is Condoleezza Rice. Condoleezza Rice is the National Security Adviser. She has been an important voice in the foreign policy of the United States. She has been instrumental in shaping the country's response to the terrorist attacks on September 11, 2001.

In the end, we must recognize that the Clinton administration has been a historic one. It has been a time of great change and new challenges. We must continue to work together to ensure that our country remains strong and free.
**Dilbert**

*by Scott Adams*

Our department mascot will be the industrious beaver.

That's a picture of a woodchuck.

He looks perky. That's close enough.

He could be a beaver who lives in a hole.

---

**Comics Fun Pages**

** presenting... Lisa's upperclassmen guide to orientation **

What am I doing here before school starts?

**1. Share your wisdom.**

I know it's tempting, but don't ever enter Lobby 7 through the 'but only' door. See this scar?

MAN, LAST SEMESTER I MUST HAVE GOTTEN AT LEAST THREE HOURS OF SLEEP. EACH NIGHT?

SUCH SADLY?

NO.

2. If you don't have any wisdom, don't share.

3. If you have to wear a big sign...

Why are you on your way to the academic Reps too?

Read the sign!

---

**Noun Poetry**

*by Katy-Cat*

steak and lobster

---

**Down with Science**

*by Jennifer DiMase*

All this to avoid overcrowding?

FREE FOOD!!

FREE T-SHIRTS

FREE SOFTWARE

FREE LIC.

UPGRADE TO WINDOWS 98 FREE!

BACK IN SHIN

FREE FOOD!!

MICROSOFT BALLS!!

FREE LIC.

GIRLS! GIRLS! GIRLS!!

---

**The Tech**

August 28, 1998
TechCalendar appears in each issue of The Tech and features events for members of the MIT community. The Tech makes no guarantees as to the accuracy of this information, and The Tech shall not be liable for any losses, including, but not limited to, damages resulting from attendance of an event.

Contact information for all events is available from the TechCalendar web page.

For further information on any of these events, visit http://tech-calendar.mit.edu.

Visit the TechCalendar web site (http://tech-calendar.mit.edu) to add information on events to be included in the print and online versions of TechCalendar.

Friday's Events

8:00 - 9:30 p.m. - MIT Masters Swimming Workout. Do you find that Alumni Pool is too crowded during open swim? Try MIT Masters Swimming, Alumni Pool.

6:00 p.m. - Into the Woods. Musical by James Lapine (book) and Stephen Sondheim (music and lyrics). $3 admission for freshmen; $6 for MIT students, various prices for others. Kresge Little Theatre. Sponsor: Musical Theatre Guild

Saturday’s Events

8:00 p.m. - Into the Woods. Musical by James Lapine (book) and Stephen Sondheim (music and lyrics). $3 admission for freshmen; $6 for MIT students, various prices for others. Kresge Little Theatre. Sponsor: Musical Theatre Guild

Sunday’s Events

8:00 p.m. - Into the Woods. Musical by James Lapine (book) and Stephen Sondheim (music and lyrics). $3 admission for freshmen; $6 for MIT students, various prices for others. Kresge Little Theatre. Sponsor: Musical Theatre Guild

These are just a few of the EAPS courses available this fall - check out http://registrar.mit.edu for a complete listing.

If you have questions or need more information about EAPS, send email to <sewell@mit.edu>.

August 28, 1998
Are we going to have jobs?

Science in the next millennium

By Joel Rosenberg

August 28, 1998

SYMPOSIUM REVIEW

Are we going to have jobs?

Science in the next millennium

By Joel Rosenberg

August 28, 1998

The Arts

August 28, 1998

John Horgan, author of The End of Science, and Kregge Auditorium about the future of science yesterday afternoon.

Horgan thought the basic questions have been answered, and now it's time to start understanding how we ask questions at all. The future of science lies in the mind, which we know almost nothing about. His next book, Why Freud Isn't Dead, investigates what's going on today in mind research, and formed the basis of his speech.

Fried's baby was psychotherapy, which went million to one. Horgan informed the audience that the field's work is the belief that schizophrenia gives the afflicted an evolutionary important view of the world.

Finally, Horgan doesn't think AI is making the advances it should be, and while neurosciences in the consulted and most promising area of brain research, "like a precious eight-year-old, chatting with a robot, nanoscale cells excel at breaking the brain into pieces, but they are not very good at putting it back together." Still, the human mind remains "Science's last great frontier, and probably always will be."

Thinking of Q

Michio Kaku, a professor at City College in New York, started out his talk by stating his belief in finding a "theory of everything, a single equation, perhaps no more than an inch long, that will reveal the "mind of God." Apparently Kaku doesn't think science is over, and he's one of New York's 100 Smartest People - but he did add, "I'm looking pointedly out.

Kaku's best-selling book, Hyperspace, addresses supersymmetric theory, which I don't understand, but has something to do with the tenth dimension and the obsolete basic building blocks of the universe. His newest book, Universe, is a cross between Horgan's End of Science and Media Lab director Nicholas Negroponte's Being Digital - a survey of future technology based on interviews with top scientists. The book formed the basis of his speech as well.

While a joke about how theoretical physicists perhaps know too much, he told a story of British Prime Minister William Gladstone's visit to a laboratory "If you're a Higgs, you should get employed."

What use will these contraptions be to anybody" asked the politician.

"I know not what my machines will have," Faraday answered. "But I know you'll tax them." Kaku parodied Faraday's uncertainty about his machines citing Yogi Berra, "Prediction is hard, especially about the future." And while Lincoln warned against opening one's mouth and proving one a fool, Kaku said to hell with Lincoln and proceeded to describe his vision of the future.

Professor Hodi, which perhaps shows James Cameron is a cross between Horgan's Hyper Space, and Media Lab director Nicholas Negroponte's Being Digital - a survey of future technology based on interviews with top scientists. The book formed the basis of his speech as well.

A standing ovation followed Kaku's speech, to which John Horgan, also Professor of Earth, Atmosphere and Planetary Sciences, remarked, "He's just a theoretical physicist."

A standing ovation followed Kaku's speech, to which John Horgan, also Professor of Earth, Atmosphere and Planetary Sciences, remarked, "He's just a theoretical physicist."

Professor Hodi was just better that nobody mentioned geology in the future of science.

Fast, cheap, out of control UROS

Professor Brooks told the story of the Mars Rover and the role his students played in doing (surprise) a much better job than the government ever could have, cutting the cost from 2 billion to 22 million for the entire mission. Make you think Brooks should be overseeing more government projects.

Brooks is a designer chip manufacturing. She rightly stated her theory that "any sufficiently advanced technology is indistinguishable from magic." Brooks argued that in the last century, we have evolved some magical technology, from flight to e-mail, and the future has nearly fantastic discoveries. The advantages, however, only stop being ridiculous as they start to become possible, comparing space travel to walking. But even computers aren't totally magical, yet.

Big influences have had an impact on Brooks' Microsoft program he used to make them.

In 1989 Brooks published a paper which discussed space exploration using robots that are "Fast, Cheap, and Out Of Control." The title of the paper ended up the title of a great documentary last year (and just came out on video) which intertwined Brooks and his robots with a lion tamer, a toy designer, and a mole-rat specialist (you have to see it to understand it). Pushing for an invasion of Mars by teddy bears and other disposable robots, Brooks' idea didn't mesh well with NASA and the Jet Propulsion Lab, who are fond of large, expensive, human-controlled bots - particular ones with gold foil on them.

Brooks' students went out to JPL and designed a robot using MTF-powered parts, amazingly enough. One model, the Rocky, used an old Macintosh computer case for the body, and sported a Sony Handycam on top covered in gold foil. The idea was to have the mission pay for itself through the Hollywood/Media Lab tradition of product placement - sell the robot at the Star Trek: First Contact Mission to Mars exhibit, and even put Nikes on Rocky's feet. Seeking someone to launch this private venture, Brooks looked to Reagan's Strategic Defense Initiative, which had been working on Star Wars before the cold war ended, and who were looking to get back on the map by outdoing NASA (apparently easier than you'd think).

That is the story, the mission was in fact successful, although before it was completed NASA had its name back on the project. It was an inspiring talk on how students, even undergraduates, can get involved and study science and technology in the world of science in a more than reasonable time span.

The end of undergrads?

The student speakers were compelling in their presentations as well. Anna M. Dirks '99 spoke after John Horgan. Citing the greed and disappointment with the lack of ethical education, she expressed her concern with the exploitation of Malaysian and Indonesian women in computer technology, which perhaps shows James Cameron is a cross between Horgan's Hyper Space, and Media Lab director Nicholas Negroponte's Being Digital - a survey of future technology based on interviews with top scientists. The book formed the basis of his speech as well.

In the end, the students were good advice for all students. A great one, even with the extra time span.

David Hamby '99 followed Professor Kaku, and showed an image of a beached whale to start hisspeech. It was a metaphor for how overwhelming science can be, especially given the ever increasing amount of stuff there is to know. The question is how to keep the whole in water, and Hamby suggested the answer is through better scientific education. Relating the impact of seeing a caterpillar turn into a butterfly while in elementary school, Hamby argued that visual representation of concepts can and should - must, in fact - improve in order for science to be intelligible.
President Welcomes Students at Convocation

The following was the complete text of President Charles M. Vest's Welcome Address to the Class of 2002.

Welcome to the future—your future, your future at MIT, and the MIT Class of 2002.

Now, I know what you are thinking, and it's true. You were not admitted to MIT because you knew how to use a computer or had a good SAT score. You were admitted because you had the intellectual capacity, the energy, the imagination and the personal will to make a difference. You are very proud and excited to have you as students—and I hope you are proud and excited to be here.

Two years ago, arriving freshmen were part of the first class of a new millennium. Last year, the Class of 2001 took pride in being the Class of 2001, a year which, thanks to Arthur C. Clarke and the movie "2001," has always had deep resonance in the worlds of science, technology, and popular imagination.

Who would have thought that, by the time you reached MIT, the 21st century would be called the 20th century? But don't be downhearted.

Careful statistical analysis suggests that the Class of 2002 will be as historic, as impressive, and as remarkable as its predecessors. Plus—you're better looking.

Inventing the Future

One of the oldest cliches about MIT is that the future is invented here—and, indeed, cliches are true.

This affects you in two important ways.

In one sense, MIT and other great institutions invent the future because our students are the future. They are the people responsible for moving the world onward to a world which urgently needs your creativity, intelligence and enterprise.

MIT has an obligation to you; indeed, our success is measured by your success.

The most important, and perhaps the most immediate, way that the future is invented here is through the cycle of growth and renewal fueled by our faculty and, to a remarkable extent, by our students—our graduating seniors.

Freshman year at MIT is not a rehearsal, or a dry run. This is a real world where invention takes place.

By the work you have already done in your schools and in your home communities, you've proven that you can make a difference in the world.

The next four years aren't preparation or training for your career. Your MIT education is inventing your future.

This fundamental truth about MIT is reflected in the fact that many of our accomplished faculty members began their life's work as MIT students. They discovered that MIT was reflected in the way that undergraduates— including freshmen—not only have the opportunity to do in-depth research, but also contribute actively to the process of their own education.

Here you have one of the best faculties together, and we all solve problems together.

It is a self-evident reality of modern life that—whether as a small group at the Massachusetts Institute of Technology in Cambridge, Massachusetts or as a global society making its way on a fragile planet, our planet—we face are so daunting and complex that we cannot hope to solve them without working together.

Making a Contribution

You, the members of the Class of 2002, are an important and valued member of MIT. We don't shy by about plunging in.

MIT offers many different ways to integrate you into its intellectual and cultural life—but none of them is a passive experience. From the moment you arrive you will be expected to participate and to interact. Let me cite just two examples:

First, the Undergraduate Research Opportunities Program (UROP).

This is a way for you to work with faculty and graduate students, to find a topic that you do this at one or more places, though usually not as first-year term freshmen.

Second, the Freshman Advising Symposiums, which are sponsored by the Office of Student Services, are offered every week with a half-dozen other freshmen and a world-renowned faculty member. The purpose is to talk about ideas, try out hands-on learning, and exchanging insights about life issues.

Your freshman advising seminar is a unique experience. I hope that you will take advantage of it from the outset.

Third, the special Freshman Programs—Concourse, the Freshman Study Group, or the Integrated Studies Program. Each of these covers the basic first-year subdisciplines, but does so in the setting of a small and close-knit educational community. I urge you to look around and find one that suits you.

You may find that one of them is just right for you.

In any case, you will be the one to help a fellow student group to come up with a promising idea, and organize and promote it. And, of course, I hope you will help your fellow students, the larger community in a host of things that you do as part of your research teams. Most of these activities are brand new. We are looking forward to the ideas and insights you will bring to these opportunities.

In these, and many other ways, during your time at MIT, you will contribute to the building and strengthening of an extraordinarily rich community of learners.

What to Expect

Of course, there is an enormous payoff for all these contributions: The chance to learn from other students, the privilege of helping other students.

So, as you enter MIT, here are a few pieces of advice to keep in mind:

First—Learning at MIT occurs in many places and takes many different forms: learning by formal study and discussion, by practical hands-on lab-based learning by designing, building, operating, and evaluating real problems; but, above all, learning from each other.

Second—MIT is a place that values hard and effective work. I will be very honest about this. We expect you to attend classes, to attend to the things that matter. And this is true whether you major in engineering, and life sciences, humanities or social sciences, architecture or urban planning.

Third—MIT thinks about and works on "big subjects"—major issues that every person who works in science from cancer research to industrial productivity, from global climate change to urban design, from the evolution of new artistic expressions to the refinement of political and economic theories.

Fourth—the power and beauty of the MIT education come from the meeting and logical analysis—permeate everything we do.

You are invited to learn about the universe remains full of possibility and mystery, and that the ability to acquire and disseminate knowledge is an essential defining characteristic of our species. Indeed, to reflect, to explore, and to graduate, staff and members, have earned Nobel Prizes in the quest for understanding.

Yet, despite the gains we have already made, consider for a moment the many things we still don't know: We don't know, even in principle, which aspects of climate are predictable.

We don't know how we learn anything new, and how we can communicate.

We don't know how to transform materials without creating waste-by-products.

We don't know how and why cells die, or why tumor cells migrate to new sites in the body.

We don't know how to convert solar energy into practical, cost-effective fuels.

We don't know how we see the universe, what it is made of, or how it will end.

Orientation and community

Of course, MIT is not preoccupied solely with these large-scale and deep-seated problems. The utility of logical and systematic inquiry goes far beyond the top-scope issues, to questions that are part of our everyday experience: How do we hear the words "research," "experiment," and "discovery?"

For example, this year's Freshman Orientation itself is an example of your involvement in something important one at that. Several aspects of this year's Orientation are:

They include, among others, this afternoon's 'Health in Sports' symposium, tomorrow's Residence Orientation, and of course, the Freshman Advising Symposiums. You will be meeting new friends and, beginning in fall, "the right stuff."

This diversity is part of the richness of MIT's learning environment.

Immerse yourself in it, be nurtureed, and your experience will be a better student and a better person.

To know your fellow students, we want you to remember that all of you are alike in one central and critical respect: You are all the same age, you are all eager to learn, and you are the most demanding academic environments in the world. You've all got some work to do.

You are here because you have the intelligence, the talent and the drive to change the world.

You are here to ready to take charge of your future and make the future of the entire planet. Knowing that, you can pursue extraordinary things, both at MIT and in the larger world while you are here, and as you prepare for your career.

So work hard, have fun, and—pressurly because you are so full of promise and ability—please look forward and be sure of yourselves, and use other.

Go for it! Thank you very much.

Welcome... You Go Away! Great deals on study, work and volunteer programs, airfares, and hotels. Gift certificates for sale! European railpasses, and international student ID cards issued on the spot!
Freshmen Learn about Diversity at 'Ba Fa Ba Fa'

By Douglas E. Helmburger

The "surprise" in the Hitchhiker's Guide yesterday turned out to be "Ba Fa Ba Fa," an interactive cultural diversity program.

After attending a catered dinner at the Barbeque Pit, freshmen were herded into the athletic facilities by their orientation leaders to participate in the game.

The goal of Ba Fa Ba Fa was to introduce students to what it was like to be from a different culture or to be in a strange place, a situation not unlike the one faced by some of the freshmen, said Oriana C. Hunter '99, an Orientation leader.

Once the freshmen were grouped into sets of about 40, they were again separated into two groups, the alphas and the betas.

Both groups attempted to understand trading such that individual members would gain a set of cards. Each group was taught the "culture" of the group and the language that they should use.

The alpha society, for example, was a patriarchal society where members frequently discussed each other's paternal relatives and where women would only approach men. Members of the alpha society spoke English.

On the other hand, the beta society used a different language. They were a utilitarian culture, and communicated using hand language and a simple language using the members' last names.

Discussion reveals other culture Members of each group were not allowed to share their group's language with others. Instead, the group was expected to learn the language of the other side, and eventually to trade cards with it.

"Whatever they're doing, you want to do," Hunter said.

Initially, members sent over "observers" to look at the language and culture of the other side and to report to the group.

Next, the groups sent over a team of "visitors" to actually interact with the group. The language barriers initially proved difficult. "They're a bad influence, they don't want to play with us," said Grace Ng '02 after being shunned by the opposite group.

Finally, the groups merged and attempted to conduct commerce across the groups.

Towards the end, many freshmen appeared to be taking the event very seriously. "People get in the mindset of the group they're in," said Matt McGann '00, the orientation logistics coordinator.

A substantial fraction of the freshmen, however, had decided to walk away or leave the event.

"Don't you want to play the game?" yelled one exasperated orientation leader as the event was beginning.

The event was included as a surprise in the Hitchhiker's Guide because it is a "very difficult thing to explain succinctly," McGann added.

Exam Offered Three Times During Summer

Writing from Page 1

"What is interesting is the distribution is roughly the same," between the two tests, Perelman said.

However, "One of the things that we noticed is that the best students did really well," Perelman said.

"The top essays were really outstanding." Although the percentage of students passing in the online evaluation is up from previous years, the numbers may be misleading since about 70 students took the FEE online before receiving AP scores which would have exempted them from participation, Perelman said.

"In general, about 25 percent have passed [Phase 1] either through the FEE or AP," Perelman said.

Online version will be evaluated

"Although there was significant participation in the online version of the FEE its first year, the program itself was a pilot — the results of which will be studied in the coming year to determine whether the FEE will be offered online permanently," Perelman said.

Perelman, who will report to the Committee on the Writing Requirement about the results of the FEE online, said he will assess any disparity between those taking the FEE online and in written forms.

"We have a lot more analyzing to do," Perelman said.

However, the question of what it would take to put the FEE online for an entire incoming class has largely been bypassed. "We've shown we can do that," Perelman said.

Another reason was to decrease the pressure of Orientation by giving the students the option of not having to take a test they would most likely fail during their first few days at MIT, Perelman said.

In addition, students were in favor of the given detailed feedback from graders on what they wrote thereby "transforming it into an educational experience," Perelman said.

Student reaction to FEE mixed

Students had mixed reactions to the online version of the FEE.

"I think I do better on timed tests," said Andrew S. Crane '02, who took the FEE online in its third session.

"I realized I would have far more comfortable doing it sitting down for two hours," said Amanda M. Blush '02.

Others appreciated the extra time afforded them to write their essays.

"I thought it was really real valuable to take the pressure off and be able to get a reflection of your real writing skills," said Timothy M. Gerten '02, "I think I had a much better experience on the web."

It's "more realistic of the writing you are preparing for in college," said Raya Yeko '00.

However, the first launch of the FEE online was not without glitches. "According to Perelman, about twenty students had trouble getting to the secure web site and could not take the test online.

"No one I talked to who used Internet Explorer could get it to work," said Victor K. Anderson '00.

Internet Explorer does not support the method of obtaining personal certificates that MIT uses.
Good Will Hunting Juxtaposed With Reality in ‘Contact MIT’

Convocation, from Page 1

fish tanks. Hopkins pointed not only to the possible economic success of drugs produced from similar research but to the less quantitative “discovery of something new.”

One desire to know the answer.”

Hodges leads ‘Contact MIT’

Kip Hodges began his engaging “Contact MIT” program by appearing in a scarf. Alluding to the recent film Good Will Hunting, Hodges said that freshmen should use it at least one MIT professor wearing a scarf.

Hodges played off Good Will Hunting throughout the presentation, using scenes “shamelessly pirated from the movie” compared to videos created by Hodges to debunk myths about MIT. Hodges compared the push office of fictional math professor Barry Lambeau to the actual math professor’s office, which more resembled an upscale show than the Victorian sitting room of the film.

Recent films continued to play a role in Hodges’ presentation as he presented the popular image an MIT graduate as “the smartest guy on the planet.” Jeff Goldblum, he said, “holds the record for degrees from MIT.” Other fictional degrees have been awarded to Steve Buscemi and Billy Bob Thornton, Hodges pointed out.

Following this exploration of popular media, Hodges presented a history of MIT focusing on the influence and vision of Vannevar Bush ’16 who was key in the founding of MIT’s radiation laboratory and the National Science Foundation.

Hodges presented Bush’s vision of an education grounded in the basic sciences but with technical “how to” closing remarks. Hodges told freshmen: “This is not the place for vocational training. For students that were looking for such training, Hodges said, “The extra profits are clearly marked.”

Freshmen enjoy program

Freshmen in attendance had positive reactions to the program. Katriona Butler ’02 called the program “great” and said that it was “very interesting in a way that could relate to us.” Paul Gorlick ’02 said that it was “entertaining at the very least.”

Richard Frank ’02 said that it was better than the welcome dinner which took place on Wednesday night.

The only criticism the three students offered was an initial uneasiness surrounding the pounding beat and flashing lights which ushered president Vest to the stage. Williams and Oppold speak

Following Hopkins’ lecture, Vest introduced Williams as “the dean.” Williams opened her short remarks by telling students “you are here for the professors, not the administrators.”

She gave the assembled freshmen several points of advice, with the disclaimer that “I’m not your mom: MIT is not your parent.” She told freshmen to watch their diet, to get an adequate amount of sleep, and to be careful when crossing the street. Williams also encouraged the class to explore Boston and New England. “The city around you is another universe,” she said.

Williams also made freshmen aware of the support structures available to them. “University is an inherently uncomfortable place,” she said.

Oppold was greeted by raucous cheers from the participants in the freshmen leadership program in the audience. He attempted to describe life at MIT through the metaphor of a box which must be made to hold rocks, which represented studied and other responsibilities, and pebbles and sand which represented less important activities. You have to “make sure your big rocks fit,” Oppold said.

Welcome to MIT! and Welcome to The MIT Press Bookstore

Intriguing New Paperbacks - published by The MIT Press - just a sampling of what we sell

HAMLET ON THE HOLDECK - published by The MIT Press - just a sampling of what we sell

$17.50

The Future of Narrative in Cyberspace

Daniel H. Murray $15.00

MARSHALL MCLUHAN

The Medium and His Messenger

Philip Marchand with a new foreword by Neil Postman $17.50

ABSTRACTING CRAFT - published by The MIT Press - just a sampling of what we sell

$17.50

The Practiced Digital Hand

Malcolm McCullough

THE CEREBRAL CODE - published by The MIT Press - just a sampling of what we sell

$14.00

Thinking A Thought in the Mosaics of the Mind

William H. Calvin

NOAM CHOMSKY

A Life of Dissent

Robert F. Barsky

See August’s feature at http://mitpress.mit.edu for more!

The MIT Press Bookstore

Kendall Square T
292 Main Street
Cambridge MA 02142
617 253-5249
Mon-Fri 9-7, Thurs till 8:30,
Sat 10-6, Sun 12-6.

VISA, MasterCard,
American Express, and
Discover accepted.

http://mitpress.mit.edu/bookstore

Introduction offer

20% OFF storewide

The MIT Press Bookstore • books@mit.edu

When you join our growing list of patrons or staples, subscribe to our mailing list for exclusive special offers and news includes sage and signed product. One coupon per customer. May not be combined with other offers. Expires 03/15/99.
MITnet!

it’s everywhere, almost

You are here and wherever that is, there is probably a network drop or a cluster nearby . . . even if you are in your dorm room. Take advantage of this connectivity.

- Come to our Minicourse for an introduction to Athena.
- Contact the Residential Computing Consultant (RCC) for your graduate or undergraduate dorm for help with network and other computer-related issues.
- Visit the MIT Libraries online.
- Check out the available Athena software and keysered Macintosh software.


Athena Orientation 1998

Minicourse Schedule

<table>
<thead>
<tr>
<th>Room</th>
<th>Monday Aug. 31</th>
<th>Tuesday Sept. 1</th>
<th>Wednesday Sept. 2</th>
<th>Thursday Sept. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Introduction to Athena</td>
<td>Introduction to Athena</td>
<td>Working on Athena</td>
<td>Working on Athena</td>
</tr>
<tr>
<td></td>
<td>Basic Word Processing &amp; E-mail</td>
<td>Basic Word Processing &amp; E-mail</td>
<td>Advanced Word Processing: EZ</td>
<td>Advanced Word Processing: EZ</td>
</tr>
<tr>
<td></td>
<td>Introduction to Athena</td>
<td>Basic Word Processing &amp; E-mail</td>
<td>Working on Athena</td>
<td>Working on Athena</td>
</tr>
<tr>
<td></td>
<td>Basic Word Processing &amp; E-mail</td>
<td>Introduction to Athena</td>
<td>Advanced Word Processing: EZ</td>
<td>Advanced Word Processing: EZ</td>
</tr>
<tr>
<td></td>
<td>Basic Word Processing &amp; E-mail</td>
<td>Basic Word Processing &amp; E-mail</td>
<td>Working on Athena</td>
<td>Working on Athena</td>
</tr>
<tr>
<td></td>
<td>Basic Word Processing &amp; E-mail</td>
<td>Introduction to Athena</td>
<td>Advanced Word Processing: EZ</td>
<td>Advanced Word Processing: EZ</td>
</tr>
<tr>
<td></td>
<td>Basic Word Processing &amp; E-mail</td>
<td>Basic Word Processing &amp; E-mail</td>
<td>Advanced Word Processing: EZ</td>
<td>Working on Athena</td>
</tr>
</tbody>
</table>

Libraries

Turn to the MIT Libraries Web page to find an array of online services and information including:
- Hours, locations and phone numbers of all the MIT libraries.
- Burton, MIT’s Online Public Access Catalog (OPAC), with sophisticated search engines.
- Internet Resource Collections, such as electronic journals and online newspapers

See it all at http://libraries.mit.edu/

Protect Your Account Anywhere on MITnet

In attacks on MITnet, sniffer programs gather usernames and passwords by “listening” to telnet and ftp packets as they traveled over the network. If you use a computer connected to MITnet, you can take some very basic precautions to safeguard your password and your data.

- Choose good passwords and change them regularly.

Choosing a password
Choose a password that you can remember — but others can’t easily guess:
- Do use 6 or more characters, mixing upper- and lowercase letters (passwords are case sensitive) and numbers (but no spaces).
- Do pick something obscure (mis-spell something or create an acronym, e.g., GYASk 66 for “Get your kicks on Route 66”).
- Don’t use your real name, username, any common name, name of a close relative, friend, or pet, or name from popular culture in any form (even backwards, or sideways).
- Don’t use significant numbers (phone, office, social security, license plate, address, birthday, anniversary).
- Don’t use any word in a dictionary.

Changing your password
It’s a good idea to change your password regularly (e.g., at least once a semester): athena% password

Keeping your files safe
Athena machines are not completely private and secure, but you can make access to your files very difficult:
- Don’t store any information that must be kept secret on Athena.

Never “send” your account to anyone — and keep your password secret!
- Don’t change your default file protection.
- Don’t leave your workstation unattended while you’re logged in.
- Keep backup copies of critical files (like your thesis) on diskettes.

(For more tips, see Managing Your Athena Account — http://web.mit.edu/olh/Account/Account.html#protecting)

To get an Athena Account:
- Students, Faculty, and Staff: You should already be in the Accounts database. Just attend one session of the Introduction to Athena minicourse. (Staff may need to contact Athena User Accounts: <accounts@mit.edu> or x-1325)

How to register for a minicourse:
- You cannot register for an Athena minicourse.
- You cannot pay for an Athena minicourse. Minicourses are free.
- You cannot reserve a place in an Athena minicourse. Just show up — in 26-160 during Orientation week or 3-513 during the semester.

Connect Securely From Your Student Residence

“Cable Days” coming to your dorm September 4-6, 1998.

The Residential Computing Consultants (RCCs) will hold several sessions to help new students connect to MITnet. The purpose of these sessions is to:
- distribute cables
- help you register for IP addresses
- discuss how to avoid problems on MITnet
- feed you something to eat

Sessions will last about an hour. Graduate students are welcome to attend any session, but the sessions are geared toward freshmen. In each dorm, after the Cable Days presentation, RCCs will begin to assign IP addresses for freshmen.

Friday, Sept. 4: Burton-Conner House 3-5PM, location TBA
- East Campus 6-8PM, Talbot Lounge
- Senior House 6-8PM, East Campus Talbot Lounge
- MacGregor House 8-10PM, the dining hall

Saturday, Sept. 5: McCormick Hall 3-5PM, in the Brown Living Room
- Sibley Hall 6-8PM, Space center or Desk
- Random Hall 8-10PM, first floor lounge
- See the Residential Computing Home Page
- See the Residential Computing Home Page

See the Residential Computing Home Page
- See the Residential Computing Home Page

Residential Computing Consultants (RCCs) are available to help connect your personal computer to MITnet.

Beware of password sniffers on the net!