For 25 years, UROP has provided MIT undergraduates, like these students from the Artificial Intelligence Laboratory, with valuable research experience. This year, changing government regulations threatened the future of the program. Will undergraduates have the same opportunities for the next quarter century?

See page 11.
Students rise to the occasion in '94

By Daniel C. Stevenson

As the 115th volume of The Tech begins today, we offer a look back at the issues, events, and personalities of the past year in this 10th annual Year in Review supplement.

It is difficult to categorize the changes that shape a year at MIT. However, as I review the last 12 months at the Institute, it seems we speak to the character of 1994. The past year was one in which students and faculty ideals were frustrated both within and outside the walls of the Institute. Fortunately, it was also a year in which students mobilized to defend their interests, to fight for the preservation of the ways they live, learn, and work.

In the spring, a restructuring of financial regulations threatened the very existence of the Institute's pioneering Undergraduate Research Opportunities Program. UROP, which provides valuable research experience to over 80 percent of the undergraduate student body, is an integral part of the MIT experience and one of the most attractive features of the Institute; facts which make its reduction or extinction all the more frightening. A $1 million cash infusion from the provost's office, an extensive lobbying effort by students and administrators, as well as a strong effort by the UROP staff, have preserved the program for the time being. However, the events of the past year remind us that nothing can be truly taken for granted, not even one's dormitory...

Unfortunately, students were sometimes their own worst enemies in 1994. The Gay, Lesbian, Bisexual, Transgender, and Friends at MIT poster was attacked again, this non-residential fraternity was caught hazing new members, and anonymous disruption at Burton-Conner House and MacGregor House. But in most cases, resolution was sought and achieved for new student programs, as witnessed by Warren J. Beinfield's engaging discussion about homosexuality, the joint statement by Phi Beta Epsilon and the Black Students' Union, and student-generated forums about harassment. The year was not without some notable achievements: Vice President Constantine B. Simonides '57 died suddenly last April. Two prominent former presidents - James B. Conant '37 and James B. Wiesen and Julius A. Stratton '25 - passed away in the last few months. Career Shells also made their mark on the Institute: The Undergraduate Research and graduate dean, graduate and Smith and Frank E. Perkins '55, announced they will resign within the year, while former provost John M. Deutch '61 moved up in the Department of Defense and was briefly considered a candidate for Director of Central Intelligence.

Controversy surrounds MITES student. A high school student charges he is treated unfairly because he is from an under-privileged background.

ATM robberies occur near campus. A suspect is sought for a spate of armed robberies at automated teller machines on the outskirts of the Institute.

Controversy surrounds MITES student. A high school student charges he is treated unfairly because he is from an under-privileged background.

Fires set in Burton-Conner suites. Several mysterious fires are set in Burton-Conner House suites and other campus locations.

Local sorority to join with national. Sigma iota Phi joins the national sorority Alpha Epsilon Phi.

Survey of Class of '94 conducted. For the first time ever, the Institute asks a graduating class, "How do we do?"

PhD thesis examines Chernobyl disaster. Alexander D. Chern I.PhD '94 concludes that more radiation was released than was previously reported.

Obituaries. The Institute loses two former presidents and several administrators and professors.

opinion in review

A review of Tech editorials. The Tech takes a look back at editorials on issues ranging from campus housing to the Undergraduate Research Opportunities Program.


Year in Review. The Tech's Year in Review and a new year of arts and sports.

The Tech. A memorable year in campus arts

A laceluster year in movies. Though the year was disappointing on the whole, movies like Hoop Dreams and Pulp Fiction are some of the best in years.

"Alternative" music goes mainstream. Popular music reaches the midpoint of the decade, but it's hard to say if hounds have matured much since 1990. Still, 1994 saw the release of many good albums.

Sports in review


The Year in Review

February 7, 1995

Chairman

Ed. Staff

Managing Editor

News

Opinion

Arts

Sports

Production

1950s radiation experiments resurface

Declassified government documents show that MIT and Harvard University researchers conducted radiation experiments on children at a state-run school for retarded children.

Groups resolve disagreements

Israeli-Palestinian tension are resolved between various student groups.

Biology building opens

The Department of Biology moves into its new building.

Students improve convenience, safety

Students save the Baker House dining hall, start a safe escort service, and revive the grocery shuttle.

Researchers found guilty of fraud

Thereza Imanishi-Kari is found guilty of scientific misconduct after an investigation of a 1986 Cell paper.

MITnet expands; security is an issue

MITnet expands to dormitories and independent living groups as security concerns loom.
Residents fight proposed plan to switch dormitories

By Daniel C. Stevenson

A larmed Senior House, East Campus, and Ashdown House residents are fighting the preservation of their dorm community. The administration had considered the largest housing restructuring in decades.

The work of the Strategic Housing Planning Committee first came to light in a Nov. 1 Tech article which reported that the committee was considering plans to move undergraduates out of the east camp­us dormitories and possibly into Ashdown.

Dean for Undergraduate Educa­tion and Student Affairs Arthur C. Smith said that he directed the com­mittee in September to “look very seriously at the idea of having all undergraduates live on west cam­pus.”

However, the final report of the committee, released at the begin­ning of March, recommended that Senior House and East Campus remain undergraduate dormitories and that Ashdown, which houses over 400 graduate students, become undergraduate housing in the next few years.

The committee also recommend­ed immediate construction of a new graduate dormitory at the corner of Sidney and Pacific streets in Cam­bridge.

Smith said that the administra­tion had decided on a moderate course of action, calling for renov­ations of Senior House over the next two summers. “While plans for re­novation should allow for flexibility in long-term use or alter­native summer use, the basic assumption is that Senior House will house undergraduates,” Smith said.

Smith also said that only about 50 spaces in Ashdown would be used for undergraduates to “relieve the potential overcrowding in under­graduate housing.” The changes would be made “without harmful effect on the graduate student community and on student facilities for the graduate students who would live there,” he said.

Graduate dorm plans on hold

Smith put on hold any plans for construction of a new graduate dormitory until the summer or fall, after an open meeting to “exchange information and to develop an agen­da,” he said.

The housing committee is chaired by Senior Associate Dean Robert M. Randolph, who works under Smith.

The committee was originally con­cerned with general housing issues but suspended its work to address overcrowding and Senior House re­novations, Randolph said.

Since the release of the report, the committee has returned to its original work and plans to issue a broader report on housing by March, he said.

During the course of its consid­eration of housing plans, the com­mittee was criticized for largely ignoring student input and operat­ing in secret.

“It seems that people were kept in the dark about this,” said Under­graduate Association President Vijay P. Sankaran ’93, in late Octo­ber.

The early planning stages were not publicized because “whenever you’re doing that kind of strategic planning, you really don’t want to publish those kinds of scenarios,” Smith said.

“I don’t want to keep anything secret, but I believe that a lot of campus discussion about changes would not be useful unless we could reasonably identify potential means of finance them,” said President Charles M. Vest last November, when students began lobbying for greater input.

Student committee formed

Concerned residents of Senior House and East Campus formed a committee to present residents’ con­cerns to the administration. It was created to explore independent options, ally student concern, and ensure that students were included in planning and decision making.

The UA Committee on Student Life and the Graduate Student Committee also stepped up the pressure on the administration. The GSC Housing and Community Affairs Committee released two housing surveys, and UA and GSC represen­tatives met extensively with adminis­trators.

Residents stressed to the admin­istration the value of their unique dormitory communities. The idea of moving all undergraduates to west cam­pus “is completely ridiculous,” said East Campus resident Leah C. Schechter ’96, who feared the move would destroy east campus culture.

If you try to shove everybody into housing in west campus, and you talk about the grand tradition that has been carried on for years,” she said.

Senior House “is one place where you can go where you leave the dorm,” Smith said.

“Everyone has a strong sense of attachment to this dorm,” said Harvard ’95, Senior House secretary.

For students like Ashdown

Undergraduates were not the only ones to praise their dormitory communities. Ashdown “has a social environment that is different than the other buildings,” said Joseph J. Bambenek G, chair of the GSC Housing and Community Affairs committee.

Living in a dormitory like Ash­down with common areas, special­ly a kitchen, is much more con­ducive to social activity than apart­ment-style dormitories, Bambenek said.

Smith said the administration had “received many thoughtful commen­taries from students, faculty, and staff regarding the renovation of Senior House, overcrowding in undergraduate housing, and the future form and location of graduate housing.”

Smith also said the administra­tion had read and considered the reports and survey on graduate student life, the action committee, the GSC, and the UA.

The threat of renovating east cam­pus dormitories for graduate student use is not a new one. In March 1980, the administration announced a plan to switch Senior House and East Campus residents with Ashdown.

The administration aried the pro­posal to the MIT community before making any decisions. The Corpora­tion was to have the final say because of substantial costs of the renovation.

However, the UA president at the time complained that he and the Dormitory Council president had not been consulted prior to the announcement of the proposal. Then, as now, residents of Senior House and East Campus strongly opposed the idea.

On May 1, 1980, the adminis­tration withdrew the proposal, call­ing it a “pre-proposal.” The admin­istration cited the desire to preserve house identities and lifestyles and the need to further study alternatives to the housing problem.

The administration also said that it needed to dispel the considerable animosity and mistrust between the administration and students that the proposal raised.

Grad students like Ashdown

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David LaMacchia cleared; case raises civil liberties issues

By Jeremy Hylton

For the typical MIT student, an average semester brings an unaverage stress level. From problems sets to final exams to job interviews, the pressure can be intense. But for David M. LaMacchia '95 the pressure was unusually high — even by MIT standards.

On April 7, LaMacchia was indicted on one count of conspiracy to commit wire fraud, a crime that carries a maximum sentence of five years in prison and a $500,000 fine. The pressure continued for LaMacchia until Jan. 27, when he learned that prosecutors would not appeal a judge's Dec. 28 decision to dismiss the case.

"I'm of course relieved. The past year has been extremely stressful for me," said David's older brother, Brian, a graduate student in EECS. "But for David M. LaMacchia '95 and the users of their service, Godwin said was it clear that the prosecution was trying to "create a conspiracy to make him liable for everyone who used that site." Because the case was dismissed, it will set a precedent that makes such an extension of the law less likely. "This case sets a precedent largely because it is the first reported case dealing with an indictment for Internet copying and distribution of copyrighted software under the federal wire fraud statute," Silverglate said.

"It is important because it makes clear that the only conduct that is a federal crime is conduct that the Congress says in the copyright statute is criminal," Silverglate continued.

Prosecutor will turn to legislation

In deciding not to appeal the case, Stern said that he would pursue legislative approaches to extending copyright laws to apply to cases where there is no commercial motive. "An appeal of this case, whether or not ultimately successful, might serve to delay the legislative process," he said.

Brian LaMacchia remained skeptical of the U.S. Attorney's hope that "multiple, wildife endangerments of copyright" be criminalized. "I think that would lead to the consequences of an internal MIT disciplinary process that were put on hold while legal proceedings were underway.

According to the indictment, LaMacchia ran a file server on a pair of Athena workstations from Nov. 21, 1993 until Jan. 5, 1994. The Athena rules of use make clear that such use of Athena resources is improper.

"MITnet and Athena public workstations are shared resources intended to advance MIT's basic educational and research goals," said Gregory A. Jackson '70, director of academic computing services for Information Systems. "Anyone who redirects those shared resources to private or external purposes is depriving others in the community of resources."

"This is especially true when staff, our scarce resource, must devote extensive time to undoing and otherwise dealing with improper use," Jackson said.

Although Institute policy prohibits administrators from commenting on whether disciplinary action is being considered against a student, officials have made it clear that they believe LaMacchia was responsible for running the file server.

The servers were first detected over the winter break at the end of 1993, and IS began to monitor the use of the machines, according to Professor James D. Bruce ScD '60, vice president for Information Systems.

From the monitoring that was conducted, IS was able to determine that LaMacchia was responsible for the servers, Bruce said.

In Cambridge District Court, Silverglate again found guilty of first-degree murder in the stabbing death of Yngve K. Raustein '94. Raustein was sentenced to 12 to 20 years in prison. As a juvenile, however, McHugh is allowed the automatic right to a retrial, this time before a jury.

Reset, the newest addition to MIT's growing computer network, allows students to conduct many functions available on Athena from their personal computers.

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Shull wins physics Nobel for work done 40 years ago

By Daniel C. Stevenson

Although 1994 will be the date recorded for Professor Emeritus of Physics Clifford G. Shull's Nobel Prize, the records probably won't record the campaign on his behalf that followed the real prize-winning effort, which took place more than 40 years ago when Shull worked at the Oak Ridge National Laboratory.

Shull's most important work was done at the Oak Ridge facility in Tennessee from 1946-51. At Oak Ridge, Shull, 79, and his colleague, the late Ernest Wollan, "systematically investigated the fundamental principles of elastic neutron scattering, thus providing the groundwork for this type of research," said Robert J. Birgeneau, dean of the School of Science.

Members of the physics community have been lobbying the Nobel committee for 16 years to award the prize to Shull. The effort succeeded last year because Birgeneau and Institute Professor Jerome I. Friedman, a 1990 winner in physics, were able to convince international leaders in physics to recognize Shull and Bertram N. Brockhouse of McMaster University as the "real pioneers," Birgeneau said.

Shull, 79, and Brockhouse shared the $930,000 prize for developing a technique for analyzing the internal structure of matter. The techniques are "tools for learning things about materials," Shull said. Using these techniques, scientists can find "very basic information that determines the physical properties of a material."

"In simple terms, Clifford G. Shull has helped answer the question of where atoms are, and Bertram N. Brockhouse the question of what atoms do," the Nobel citation read.

The award was "a very, very well-deserved prize," said Professor of Physics Ernst J. Moniz, who is also head of the department. "Neutron scattering has proven to be the most important single technique for elucidating the stress and dynamics of solids and fluids," Birgeneau said. "Professors Shull and Brockhouse stand out as having made singular contributions which provide the essential foundations of the fields."

Neutron scattering provided new information not available from the earlier technique of X-ray diffraction, Shull said. Neutron scattering is particularly applicable to hydrogen atoms and has been used to advance research in many fields, including polymers and superconductivity, he said.

Shull is quiet, precise.

"As a researcher, Shull was a quiet sort of guy," said Anthony Nunes PhD '69, a former graduate student of Shull's. He was also "interested and proud of precision and being precise in every detail," Nunes said.

Shull joins Friedman, Professor of Physics Henry W. Kendall, and Professor of Physics Samuel C. C. Ting as MIT physics Nobel laureates. Including Shull, 15 present or former faculty members have received Nobel prizes. One staff member and 11 alumni have also won Nobel prizes.

Deutch to No. 2 in DoD, declines CIA

By Daniel C. Stevenson

Institute Professor John M. Deutch '61 added to the Institute's influence in the federal government by being appointed as deputy secretary of defense by President Bill Clinton last February.

Deutch, who served as MIT provost under President Paul E. Gray '54, was also a leading candidate to become the next director of the Central Intelligence Agency, but he removed himself from consideration for the position.

Deutch is the most prominent member of an MIT-Washington contingent that includes former associate provost and current Secretary of the Air Force Sheila E. Widnall '60 and several economic and science advisers.

Following the resignation of R. James Woolsey as CIA director in December, Deutch was considered an ideal replacement. According to published reports, Deutch removed himself from consideration because he enjoyed his power and prestige in the No. 2 position at the Pentagon and because he was concerned that working at the CIA could prevent him from one day becoming president of the institute.

Sound, sophisticated adviser

Deutch is highly regarded within government circles because he has shown himself to be an effective manager at the Pentagon and has worked well with Congress.

President Bill Clinton nominated Deutch, who was underscuerge for acquisition and technology since February 1993, to be the deputy secretary in February. He replaced William Perry, who was named secretary of defense following the resignation of Les Aspin PhD '66.

"This is a very important appointment and very much in keeping with MIT's long history of serving the federal government at high levels," said MIT President Charles M. Vest.

In nominating Deutch, Clinton hailed him as "a sound and sophisticated adviser whose expertise in military technology and policy has served the Department of Defense well in his tenure as underscuerge."

Deutch's appointment continues a career in public policy that began during the Kennedy administration. Deutch has served in various advisory and consulting positions for every administration since then, except during the Nixon administration.

At MIT, Deutch was dean of the School of Science from 1982 to 1985, and head of the Department of Chemistry from 1976 to 1977. Deutch came to MIT from Princeton University in 1970. He was named Institute Professor in 1990 on his return to MIT from the Bush administration.
Provost’s decision to close CMRAE sparks controversy

By Jeremy Hylton

The Center for Materials Research in Archaeology and Ethnology (CMRAE) and its director Professor Heather N. Lechtman had an illustrious history: a three-year grant from the J. Paul Getty Grant Trust, a MacArthur Foundation “genius” grant for Lechtman, and a 16-year collaboration with eight other area institutions.

During the 1992-93 academic year, a formal review of the center concluded that “with relatively little difficulty, MIT could establish itself as having the strongest academic program in archaeological science in the world,” Lechtman wrote.

But after 16 years, the center had not received enough outside support to become self-sufficient. Instead it relied on small but steady support from the Institute’s unrestricted funds.

In June 1993, as the Institute was looking for new leaders and undergraduate budget gap, Provost Mark S. Wrighton decided to end MIT support of the CMRAE and “close” the center. Because there is so little unrestricted money available, the Institute must regularly deem fund- ing worthy programs in order to allow for academic renewal, Wrighton said.

Wrighton’s decision outraged Lechtman, particularly because it came after the review committee had reported so favorably on the center. Lechtman wrote a pamphlet, titled “An Institute in Ruins,” charging that Wrighton had decided at the outset to close the center and had rigged the decision-making process to support that decision.

Wrighton, however, said that none of the academic deans expressed any interest in supporting the program or expanding it — and without the support of the deans, he could not justify continuing funding.

“Bad at closing things”

While the closing of a lab or center is part of the academic life cycle of the Institute, it is an issue that would have captured student atten- tion, as it did in 1988 when the Department of Applied Biological Sciences was shut down. “MIT is very bad at closing things down,” said Professor of Physics Robert L. Jaffe, chair of the faculty. “We have to learn how to do that better.”

Lechtman’s pamphlet drew wide faculty attention to the decision, and sparked several months of debate at faculty meetings, starting in February.

Many faculty were concerned for the decision-making process Lechtman described. Some were concerned by the lack of faculty involvement in decisions about which programs deserve continued support and which do not.

Speaking in mid-February, Jaffe said that above all, the faculty “are eager to find out what the facts are.”

At the May faculty meeting, a five-member faculty committee, appointed by President Charles M. Vest and headed by Professor of Physics Peter A. Diamond PhD ’63, reported that “in some impor- tant aspects the decision-making process was seriously flawed.”

Afterwards, a contrite Wrighton acknowledged the shortcomings of the process and the decision to close the center. Wrighton said that the committee report provided guidance that would be useful in the future. In an earlier meeting, the faculty had voted to set aside the decision to close CMRAE until the commit- tee issued its report — and after the report was issued, Wrighton said that they had not established how to proceed. The two talked with Lechtman and others “to see what ended up with that decision,” Vest said.

Wrighton also clarified what it would mean if the decision to close the CMRAE was upheld: “For MIT there would be certain practical con- sequences, most importantly the termi- nation of general Institute funds for use by CMRAE,” Wrighton said. “However, space for the scholarly interests of Professor Lechtman remains available and equipment used in the research remains for her use and the use of others here at MIT, and for her collaborators,” he said.

The May meeting closed on a conciliatory note: Institute Professor Emeritus Hermann Feshbach PhD ’42, who helped instigate the faculty investigation of the decision, and Vest both expressed their hope that future relations would be more col- laborative.

“I pledge to you, and I’m sure Mark [Wrighton] joins me in this: It is our full intent to pursue our duties as we see appropriate, but certainly with a full understanding that MIT and Institute is in its faculty, and we cer- tainly will continue to work in as collegial and collaborative a way as I think is possible,” Vest said.

Original review criticized

The review of CMRAE that con- cluded MIT could create a world- class archaeological science program was the source of a great deal of the initial controversy. The review com- mittee, appointed by Wrighton and headed by Professor of Biology Peter C. Perdue, received sharp criticism in Lechtman’s pamphlet.

Lechtman concluded that Perdue was biased against her, and that the final report reflected Perdue’s bias and not the enthusiasm of the other members of the review committee.

Smith, Perkins will step down; Dean’s Office reorganized

By Christopher L. Falling

New students arrive each fall from seniors and junior students leave with their degrees each spring, but changes among the deans directly responsi- ble for these students are rare. Yet last fall both Dean for Undergradu- ate Education and Student Affairs Arthur C. Smith and Dean for the Graduate School Frank E. Perkins 55 announced their resignations, both effective after the end of the academic year.

The announcements were among the most prominent of many changes that took place within the various deans’ offices last year.

Perkins plans to return to teaching and research in the Department of Civil and Environmental Engineer- ing after a short sabbatical. He will also manage the new Master of Engineering program offered by that department.

In a Dec. 14 Tech Talk article, Perkins said that as dean he was focused “on concerns of the interest of the graduate student experience. ‘I tried to make the Dean’s Office a place where [students] felt they were welcome,’’ he said.

Smith integrated U.S.A, SA

Smith, a professor of electrical engineering and computer science, was named dean for student affairs in 1990. In 1992, he took on the additional responsibility for undergraduate education, becoming the Institute’s first dean for both undergraduate education and student affairs.

Arnold C. Mistelz, science director of the Institute of Science and Technology, said that “bringing about the integration of the offices followed the death of Margaret A. MacVicar ’65. Dean for undergraduate education was a major accomplishment.”

February 11
Margaret A. Jablonski starts as the new associate dean for residence and campus activities.

4 Professors are named MacVicar Faculty Fellows at a luncheon today: Richard P. Binzel of the earth, atmospheric, and planetological sciences; Gene M. Brown of biology department; Woodie C. Flowers PhD ’73 of the mechanical engineering department; and Ole S. Madsen ScD ’70 of the civil and environmental engineering department.

11 Coretta Scott King, widow of slain civil rights leader Rev. Martin Luther King Jr., will speak in Kresge Auditorium as part of the 20th annual MIT celebration of the life and work of her husband.

13 Safe Walk begins service to areas on campus not covered by Safe Team.

14 The Undergraduate Association holds a forum to answer questions about the new Undergraduate Research Pamphlets Program, with cope with new government regulations that could effectively double the cost of new programs.

16 The faculty votes to approve a new Master of Business Administration degree with concentrations in the Sloan School of Management, A Master of Science degree, with a 24- credit option, will still be offered.
Administration reshuffled after Simonides' death

By Stacey E. Blau

The last year saw a number of shifts in the senior administration. Much of the realign-
ment followed the death of Constantine B. Simonides '57, former dean and secretary of the Cor-
poration, who died on April 24, at the age of 59.

Simonides served as vice presi-
dent for 24 years under four presi-
dents. His responsibilities included admissions, athletics, career ser-
vice, the medical department, the MIT Press, personnel, and public relations.

Simonides, regarded as a warm, con-
cerned and effective leader, was widely respected for his huge contributions to MIT. "He leavesBehind an un-
imaginable loss to the Institute, according to Dean for Undergraduate Edu-
cation Arthur C. Smith. "I don't think there will be any other person who can do that job in the same way," Smith said.

The loss of Simonides came at a particular crucial time, with MIT in the midst of reengineering efforts. Because of his death, "some of the most significant changes were going to have to take place," said Provost Mark S. Wrighton.

Administration realignments

A reshuffling of administrative officials took effect on June 1. Director of Personnel Joan F. Rice and Barbara Simonides' former duties, including foundation relations and development systems, were promoted to vice president, and two other vice presidents took on new responsibilities.

President Charles M. Vest named Rice vice president for human resources. Rice had been director of personnel since 1984 and an MIT staff member since 1972. Vest called Rice an experienced leader who "has commanded enormous, widespread respect as she has navigated through all of it." Rice's responsibilities include matters of personnel, equal opportunity, family work and policy, and management of MIT's human resources. Vest said these areas are "critical to our future and require direct attention at the vice presiden-
tial level." Stowe was appointed vice president for resource development.

Stowe was named director of the Office of Development Research and Systems, the Office of Foundation Relations and Development Services, and the Office of Corporate Relations.

Stowe, who has served MIT in several capacities since joining the Institute '53 and 96. She said that she is most concerned with undergraduate scholarship and building needs. Another area of concern is the Office of the Dean for Undergraduate Education and Student Affairs, Arthur C. Smith. "I don't think there will be any other person who can do that job in the same way," Smith said.

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Stowe, who has served MIT in several capacities since joining the Institute '53 and 96. She said that she is most concerned with undergraduate scholarship and building needs. Another area of concern is the Office of the Dean for Undergraduate Education and Student Affairs, Arthur C. Smith. "I don't think there will be any other person who can do that job in the same way," Smith said.

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Redesign teams aim to streamline support services

By Shang-Lin Chuang

Throughout 1994, several support services re-engineering teams have been working to reduce complexity, improve quality, and reduce costs, according to James D. Bruce, S'66, vice president for Information Systems and manager of the Institute-wide effort. Although re-engineering is aimed at reducing costs, a lower-than-expected budget deficit for the fiscal year 1995 did not affect the effort, according to Vice President for Finance and Treasurer Glenn P. Streble '58.

The project began in November 1993 with the goal of finding new, more efficient ways of providing services since the decline in federal funding of research and the shift in federal priorities at the end of the Cold War. As part of the project, interdepartmental teams of staff members design efficient models for specific administrative processes, ranging from custodial services to information technology transformation. Each redesign team completes its work in about 12 weeks, then reports to the steering committee, Bruce said. Once a redesign is approved, it is turned over to an implementation team, he said.

Designs ready to implement

In early December, eight redesign teams had been created, with four ready to enter the implementation phase. The four teams with redesigns focused on federal appropriations process, custodial services, and mail.

The Appointments Process team focuses on automating the appointment process for all classes of employees, according to team captain Stephen D. Scra- no, an assistant to Bruce, said that the development phase begins this month and the program will be ready to pilot in about four months.

The management reporting group "has developed a design to deliver more targeted, relevant financial information to a department, research laboratory or center, or an administrative unit needs to do it all in an electronic format," Bruce said. Now that the redesign is complete, he said, "it has been reviewed and is ready to be installed by a team of developers who will work to implement the system from an external vendor," he said.

The Custodial Services team has finished its redesign, and "two pilot teams are now deployed and are testing the concept," Bruce said.

The Mail team's redesign, which calls for paper mail to be distributed through 40 centers around campus, has been approved, Bruce said. A process for handling outgoing U.S. mail still needs to be developed, he said.

The Custodial Services team has finished its redesign, and "two pilot teams are now deployed and are testing the concept," Bruce said.

At the February faculty meeting, Feshbach and Professor of Brain and Cognitive Sciences Stephen Grossberg proposed in 1984 and 1985 by the faculty committee, the committee review the decision. But his offer was rejected by several faculty members.

At the meeting of the next month, the faculty debated two motions about the decision to close the CMRAE and about the Diamond committee. Many faculty members spoke at the meeting, which drew several senior faculty members.

The Year in Review

The other teams still in the design stage in December covered information technology/infrastructure readiness, information technology transformation, supplier coordination, and community involvement.

The Information Technology Transformation group will keep existing systems running and support the use of them until they are replaced, according to Vice President for Information Systems and manager of the Institute-wide effort.

The Community Involvement team "works to communicate the relevant issues to the community and to involve the community in the redesign of the teams," Bruce said.

Last month, the Training and Development team began work. "To the success of any re-engineering project is a well-trained work force," Bruce said. "Training needs to occur in three basic areas: organization culture, the ability to function in a changing environment, computer skills, and new business applications.

The Repair and Maintenance team started working recently, and the Student Services team will probably start in late February or early March, Bruce said.

"The desired impact of re-engineering on the campus community is that everyone—faculty, staff, and students—will be able to do their work easier," he said.

The deficit less than projected

MIT concluded fiscal year 1994 with a deficit of $6.2 million, $1.4 million less than projected, according to a report issued by Streble.

This is down from the $10.1 million deficit recorded in FY 1993. However, the decrease is not expected to affect the fiscal year 1995 budget, with an estimated deficit of $8.9 million, or re-engineering plans, Streble said.

"The continued search for ways to improve efficiency and self-imposed conservatism across the Institute were important to this year's outcome," Streble said in TechTalk.

The deficit decrease was unrelated to the re-engineering plan, said Senior Vice President William R. Dickson '56. "I think it had more to do with constraint on the part of people at MIT," he said.

Faculty debate CMRAE

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Women comprise 40 percent of Class of 1998

By Sarah Y. Keightley

This year's freshman class is 40 percent female, the largest number of women ever admitted to MIT, according to Assistant Director of Admissions Zaragena A. Guerra III. "The Admissions Office did make a conscious effort to recruit women into the institute," by addressing their concerns and offering them encouragement, Guerra said. This helped increase the number of female applicants, so the Institute could accept more female students, he said.

The overall number of applicants increased as well, Guerra said. When the Institute offered admission to applicants for the first time in 1988, a record number of the offers were for women, 422, or 47 percent. The number of applications from women in the United States increased by 27 percent. Associate Director of Admissions Elizabeth S. Johnson said that "there were more women in the stronger part of the applicant pool." The percentage of women admitted to a freshman class before this year was 38 percent in 1987, Johnson said.

Applications to MIT for the Class of 1998 were up 27 percent from last year, with 2,123 applications, or 43 percent of all applicants, according to Johnson. "Women are less likely to apply when they think that MIT is just for engineering," she wrote.

...our new publications and videos are appealing more to women than to men... Women are less likely to apply when they think that MIT is just for engineering.

Elizabeth S. Johnson

Vijay P. Sankaran '95 and Carol R. Muh '96

Women comprise 40 percent of Class of 1998

By Venkatesh Satish

A variety of academic changes were made throughout the Institute this past year, possibly the addition of Master of Engineering degree programs by these departments, a change in the format of Physics I (8.01), the approval of the Master of Business Administration degree program, improvements in the Registrar's Office, the faculty approved in November new MEng programs for the Department of Aeronautics and Astronautics, Civil and Environmental Engineering, and Ocean Engineering. The Course XVI and Course I degrees are designed for undergraduate students looking for a one-year graduate program and will be offered starting this September.

The Department of Ocean Engineering, which began to offer the 12- to 14-month program in September, hopes to attract students looking for a fifth-year professional degree, graduate students interested in a second degree, and mid-career people from government and industry. None of these programs will replace the existing Master of Science degrees in the departments, which usually require two years for completion.

The Course XVI program "is a structured master's program emphasizing multidisciplinary instruction, product design, and a design thesis," said Head of the Department of Aeronautics and Astronautics Earl M. Murman. "The MEng and SM offer complementary options for graduate students. The MEng is focused on design and the SM on research," he added.

Students in these programs are expected to be self-supporting or will have some personal support, such as fellowships, company sponsorships, or student loans.

The Course I MEng program was changed in order to help students build skills necessary for a successful practice and will emphasize teamwork, according to Professor Rafael L. Bras, Jr., head of the Department of Civil and Environmental Engineering.

Changes in 8.01

Many MIT undergraduates take Physics I (8.01) during their freshman year. This past fall, the format of the class was extensively changed. The new format incorporates several recitations per week, including discussions of recent physics research. Students will still be graded on homework and exams. The recitation instructors will include students who prefer to take the class for a pass/fail grade, or for credit, while others will take the class for the letter grade required for MIT graduation. Students who previously took this course for credit will not be able to change to the pass/fail grading option.

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Earl Murman, Course XVI head

The faculty passes a motion to make the thesis optional for some students. The Bursar's Office bill was redesigned to be more readable and understandable. The bill now lists individual transactions, Culliton said. Students also received new randomly assigned MIT ID numbers in order to address privacy issues, Wiley said. Students will still be able to use their old ID numbers when completing forms, he said.

In addition, a new final exam scheduling system allows better tailoring of exam schedules and better management of conflict exams.

10 Vijay P. Sankaran '95 and Carrie R. Muh '96 win more than half that ballots cast for Undergraduate Association president and vice president.
15 Disability services at MIT may not be in compliance with federal standards, according to a letter from Undergraduate Association Vice President Anne S. Tsao '94 to Senior Vice President William R. Dickson '56.
15 An individual posing as a janitor actually an employee of the Media Laboratory when asked for identification, the employee is not seriously injured.
10 Huntingson Hall residents first learned a lighting retrofit program using storage tank technology in the dormitory may have contaminated the air in at least one room in the dormitory. Sampling tests reveal above-normal levels of benzene, a toxic compound in petroleum.
16 The faculty passes a motion asking the administration to set aside its decision to close the Undergraduate Massachusetts Program in Archaeology and Ethnology until a faculty committee could review the process by which the center was closed.
18 U.S. News & World Report ranks MIT as the top graduate engineering school for the fifth consecutive year in its annual report on "The Best Graduate Schools" in the United States. The report also ranks the Sloan School of Management as the second best business school, one slot ahead of the Harvard Business School.
DoD funding cut threatens research; bodis ill for future

By Ramy A. Arnout

The near-passage of a congressonsional bill that would have cut Department of Defense funding for university research by more than half—froin $5.8 billion to $4.7 billion—sent waves of concern through MIT and the nation. The bill, which would have reduced the nearly one-fifth of MIT's total federal research funding, according to the Office of Sponsored Programs. "It is not hyperbole to say that the impact would be devastating," said John C. Crowley, special assistant to the president and director of MIT's Washington Office, in the Aug. 10 issue of Tech Talk. While a strong lobbying effort by MIT helped reduce the House of Representatives' proposed cut to $5.2 billion, the passage, researchers at MIT saw the event as a sign that difficult times may be ahead for government funding of academic research here and at schools around the country.

"This is not a separate incident," said Paul E. Fenollosa Jr. ScD '60, head of the school's Department of Engineering and Computer Science. "This is an issue that will come back year after year." "I suspect that this is only the beginning," said Professor of Physics and Research Director of the Brain and Cognitive Science Institute, where last year's 61.6 million dollars from the DoD was accounted for nearly 10 percent of all engineering research: "I suspect that this is only the beginning," said Professor of Physics and Research Director of the Brain and Cognitive Science Institute, where last year's 61.6 million dollars from the DoD was accounted for nearly 10 percent of all engineering research. "I suspect that this is only the beginning," said Professor of Physics and Research Director of the Brain and Cognitive Science Institute, where last year's 61.6 million dollars from the DoD was accounted for nearly 10 percent of all engineering research.

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Despite early fears, Fernald tests posed little risk to subjects

By Jeremy Hylton

In late 1993, Energy Secretary Hazel O'Leary declared thousands of documents about government-sponsored radiation experiments to be "classified" because of "national security." The move was a direct result of the nutritional processes study, undertaken as a joint project between MIT and Amgen, a biotechnology company and the nation's largest pharmaceutical firm. The study was published in several journal articles and books: "No significant health effects" After a four-month investigation, the state task force concluded that "no significant health effects" were incurred by the research subjects as a direct result of the nutritional research studies. "I was sorry to hear that at least some of the young people who participated in this research and their parents apparently were unaware that the study involved radioactive tracer," Vest said. Both he and Lister emphasized that informed consent was required for all research performed now, and that much stronger safeguards and guidelines are in place.

"The procedure in those days was that the medical person who provided access to the test sought the patient who was responsible for the informed consent process," Lister said. The burden for the Fernald School experiments apparently fell on C. E. Benda, clinical director of MIT and a professor at Harvard Medical School.

Study of nutritional processes

The research program was the late Professor of Nutrition Robert S. Harris, investigated how the body absorbs iron and calcium, in both cases making significant scientific advances. "They did learn some interesting things from these experiments," Lit-
I

The Undergraduate Research Opportunities Program "has become the most powerful and distinctly MIT-like element in the undergraduate educational experience," said Dean for Undergraduate Academic Affairs Travis R. Merritt last February.

Unsettling changes in government regulations in the year since then have seriously threatened UROP's future, as the embattled program faced the most difficult program from the provost's office last April to keep funding for summer UROPs close to 1993 levels met with widespread disapproval. The contribution came from faculty and students, said Professor of Physics Walter H. Lewis in a letter to the government, "I cannot any more justify in my own mind, a program whose purpose is to help save UROP.

"In the third experiment, the subjects were given two breakfasts of cereal or farina containing 0.85 micrograms of calcium-45. The doses amounted to

34 percent, the most

students reported a double the cost of hiring students for half of the summer, said Comptroller Philip J. Keohan.

Researchers would most likely hire only about half as many UROP students as they recruited twice as employment, said Merritt said last Febru-

The radiation exposure in the calcium experiments was roughly 100 times lower than the exposure received during a flight from Boston to California (10 millirem). The exposure in the iron studies was similar to the exposure a person receives from natural sources.

The equivalent increase in the risk of fatal cancer would be about 1 in 200,000 to 1 in 500,000 for those studied in these experiments. This result is consistent with the exposure that was observed in our previous studies.
IFC and GAMIT, BSU and PBE look for resolution

By Stacey E. Blau

A consiliatory attitude on the part of different student groups brought about resolutions to difficulties and long-running conflicts this year. While some tensions still continue between the Interfraternity Council and Gay, Lesbians, Bisexuals, Transgenders, and Friends at MIT, and between the Black Students' Union and the Phi Beta Epsilon Fraternity, efforts to work together to achieve resolution have opened communication and eased difficulties.

During the fall, problems arose between the IFC and GAMIT, but a series of meetings at the end of September helped to ease tensions. "We established really good lines of communication," said GAMIT Political Coordinator Joaquin S. Terrones '97. GAMIT and the IFC never really had communicated before," he said. "There's no agenda that we've settled on," but opening communication between the groups was important, said IFC Judicial Committee Chair Daniel J. Dunn '94.

Problems between the two groups arose during Greek Week in September, when the IFC objected to GAMIT's display in an Infinite Corridor display case. GAMIT posted a list of homophobic incidents in the Greek system at MIT over the last 15 years. The posters were "a slap in the face," particularly because of the timing during Greek Week, Dunn said.

The IFC has been very proactive in response to homophobia within the Greek system, Dunn said, following a November 1993 incident in which members of Lambda Chi Alpha spray-painted a homophobic slur in front of the Tau Epsilon Phi fraternity house. Following the incident, the IFC and GAMIT cosponsored a talk by gay activist and author Warren J. Blumenfeld in the spring.

The IFC also sponsored a diversity program during Residence and Orientation Week by comedian Karen Williams.

"We might get together to bring a speaker," Dunn said. But interaction between the IFC and GAMIT is "not particularly substantive at the moment," he said. "We're talking a lot but not doing much."

PBE, BSU release statement

PBE and the BSU reached a resolution to their long-running controversy with the publication of a joint statement in The Tech on May 6. Several black students alleged that on Mar. 13, 1993, members of PBE "screamed racial epithets that are demeaning to black people on this campus and throughout the world," according to the statement. The Committee on Discipline eventually concluded that racial epithets had been shouted but that there was not sufficient evidence to impli- cate the students charged.

"I think there was a mutual understanding... that the details of this would never be resolved," said PBE President Joseph A. Veys '95. "We needed to put that behind us."

"We both agreed to disagree on the matter," said Tommie A. Henderson '95, a member of the BSU. "We don't fully agree that each [side] is truly telling the truth about what happened that night. We can deal with each other, but that's as far as it can go.

Henderson criticized the administration for its handling of the charges. The administration's "tone concern is that a situation is over, Henderson said. "They don't care if things are going well. They just care if things are taken care of."

The BSU and PBE had agreed to work jointly on community service projects, but those plans "have not come to fruition yet," Henderson said.

PBE has "incorporated a lot of things into our pledge training on race relations," Veys said. Pledges were required to read Race Matters by Cornel West, a leading scholar in African American studies, and write essays on the book.

"I think we did focus on making the best of the situation," Veys said.

New $70 million bio building opens

By Eva Moy

The biology department's new $70 million building — known only as Building 68 — officially opened Oct. 7. The biology building brought together faculty and researchers that were spread across Buildings 16 and 56.

"It's a spectacular modern research building for biological science," said Professor Phillip A. Sharp, head of the biology department. "There have been many faculty who have told me how the movement in the building... has benefited their research program."

The new teaching laboratories in the basement of the building also helped relieve overcrowding in laboratory classes, Sharp said. The number of students majoring in biology has doubled in the past two years, he added.

Building 68 has "beautiful sunny labs for people who spend most of their days and nights working," Sharp said.

"It's a beautiful, interesting building," he said. The entryway features a large mural and a solid floor-to-ceiling column that has been molded and painted to resemble the trunk of a tree.

Although the building was originally scheduled to open in December 1993, staff and faculty did not start moving in until last May. However, some laboratory facilities and details such as landscaping were still not completed at the time of the dedication.

The physical design of Building 68 took advantage of bright natural lighting and large spacious areas encouraging interaction between laboratories in research and social settings.

Also, the Bio Cafe on the first floor and two tea rooms on every floor with basic kitchen facilities are "essential to the building since eating is not allowed in the laboratories," said Francis A. Lawton, project manager for the building.

Building 68, the new biology building, nears completion last fall.

6 Phi Beta Epsilon and the Black Students' Union release a joint statement discussing the tensions and issues brought up by an incident in March 1993 when four black students said they heard racial epithets shouted from a PBE window. Tommie Henderson '95, a BSU member, said he hoped the statement would convey the message that "the two organizations have come to a point where we feel that the most fruitful thing for us to do is move on."

9 After meeting for four months, the Task Force on Human Subject Research announces its conclusion that the subjects in radiation experiments done by MIT and Harvard University researchers in the early 1950s were not exposed to dangerous levels of radiation. These nutrition experiments using radiation were first made public in late 1993 when Energy Secretary Hazel O'Leary declassified thousands of government documents about radiation and radiation testing.


On May 10, onlookers caught a rare glimpse of a partial solar eclipse.
Students save Baker dining hall, start Safe Walk

By David D. Hsu

Although student activism is characteristic of MIT, the way it came to be at the Institute, the last year was highlighted by student initiatives to improve student life. Concerned students worked to improve conditions at the popular Baker Memorial dining hall by collaborating with researchers on projects ranging from rescuing the facility to changing its policies. The effort was successful, leading to the creation of a student escort service. Over the past few years, several dining halls were closed due to declining revenues. Last March, Baker House residents and Aramark worked to save the Baker dining hall from the same fate. Responding to results from a Baker Dining Committee survey, the menu was changed to include all-you-can-eat meals on Tuesdays and extended dinner hours.

Still, Baker continued to lose an average of $10,000 a month, forcing MIT to stop subsiding the loss. To save the facility, Baker residents decided to run the dining hall themselves, according to Albert L. Hsu ’95, chair of the Baker Dining Committee. While Aramark has control of the facility, students have considerable freedom of management, Hsu said. A new chef manager and cook were hired, and offerings were changed to reflect students’ wishes. Baker is currently losing only $10,000 a term, and the dining hall is scheduled to open the last Friday in February, Hsu said. Baker is negotiating to continue operating the dining hall through the entire term, he said.

“Our sales are constantly improving,” Hsu said, “but we’re still trying to get over the loss. To do this, we’re trying to improve.” Reopenings benefit campus residents

After five months of delays, Prickett Snack Bar reopened in the Baker Memorial yesterday. Aramark decided to renovate Prickett last summer after announcing its closure in September 1993, according to East Campus President Parag Gupta ’96. Prickett will provide both a 50-style diner and a convenience store open late at night, according to Robert McBurney, district manager for Aramark.

Despite the delays in the opening, Prickett “gives us a late night food option,” Gupta said. “We’re all glad that it’s open.”

The reopening of the Walker Memorial gymnasium in September also improved life for campus residents. Walker gym was closed in 1993 to prevent non-MIT residents from using the facility, said Director of the Campus Activities Complex Philip J. Walsh, director of the building. Walsh said the facilities had become unsafe due to the age of the building also affected the closing, he said.

Students line up on Baker dining hall’s opening day.

After students pushed for the gym to reopen, administrators and students participated in a series of summer meetings about reopening the facility, Gupta said.

The CAC responded to student requests and finished the floor, Walsh said. New arrangements for gym use provide for greater safety, Walsh said. Groups who want to use the gym must reserve a time with student supervisors, he said. In addition, a student will oversee the gym during open hours, he said.

Students create new programs

As a supplement to the Safe Ride vans, the Safe Walk escort service was started last February. Safe Walk was founded by Kenneth M. Porter ’86 and Susan L. Jirgi in reaction to the increase in crime on campus, Porter said. Safe Walk is a student escort that escorts students anywhere on campus, but not to off-campus locations.

The program will definitely continue through the spring term, he said. “We’re making a big push to get people to use the service,” he said.

The Source, grocery shuttle debut

The Class of 1994 created another new service for the MIT community with its senior gift. The Source, an expanded information desk on the first floor of the Student Center, opened on Aug. 23.

The Source provides a range of services for students and visitors. The staff student answers questions, provides information about going-ons at MIT, and sells copies of various publications and tickets on campus events.

The Class of 1994 pledged $30,000 to be collected over a five-year period, to pay for construction of the Source’s booth. Payment from the vendors who use the first floor of the Student Center will support the operating costs, said Ted F. Johnson, assistant director for programs in the CAC.

David S. Cuthbert G and the Graduate Student Council organized a grocery shuttle to 7-11/2, located in the spring. Frank LaVerde, the owner of the Star Market and LaVerde’s Market in the Student Center, sponsored the shuttle.

Although the spring shuttle was terminated due to lack of interest, the GSC resurrected it in October. The shuttle picks up students at several MIT locations at various times every Saturday.

A lawsuit against the Institute and several deans by a former graduate student claimed that MIT was unfairly treating him. Jeffrey W. Buckholz, a former graduate student in virology, was expelled from MIT in April 1985 as a result of a best fight. Buckholz contends that he received an unfair disciplinary hearing.

MIT issues a new, free version of the Source data encryption program PGP, which stands for “pretty good privacy,” resolving a potential patent conflict between MIT and patents held by Johns Hopkins University. PGP and patents held by MIT and Stanford University for the RSA data encryption algorithm used by PGP.

Former researcher punished for fraud

By Daniel C. Stevenson

When a federal agency found a researcher formerly associated with MIT guilty of 19 charges of scientific misconduct, it was only the latest development in a 10-year-old controversy surrounding former Assistant Professor of Biology Theronza L. Ishi-Kari.

Ishi-Kari was charged with fabricating data used in a paper published in the April 25, 1986 issue of Cell, in a letter of correction published in Cell soon after, and in two grant applications to the National Institutes of Health.

At the time of the work in question, Ishi-Kari was working under Professor of Biology David Baltimore ’61 at the Center for Cancer Research. Baltimore left MIT to become president of Rockefeller University, and returned to the Institute in June 1990. Baltimore stepped down from the Rockefeller presidency after the NIH released a report in 1991 concluding Ishi-Kari’s data had been faked. Many observers believed that the controversy forced him to resign from the position.

Baltimore, a Nobel laureate, was one of the paper’s co-authors and had staunchly defended the paper since its publication. However, he and the other co-authors retracted the paper in the spring of 1991, when the NIH concluded that the data was the result of scientific fraud.

“Baltimore was not accused of fraud himself, but has been criticized for not reviewing the case,” said Jeffrey W. Buckholz, a former graduate student in virology.

In an interview last December, Baltimore said he did not believe that “Ishi-Kari actually did the things that are charged in the report.”

The Cell article reported experiments on laboratory mice that seemed to indicate that the introduction of foreign genes into an animal could lead to the expression of related genes within the animal, a topic which the biology community is still debating.

In 1991, the NIH issued a report listing current charges. Ishi-Kari may not receive federal grants, or participate in cooperative agreements, for 10 years. He has appealed the decision.

Federal funding pays for at least 93 percent of the biology research done at the Institute, said Professor of Biology Philip A. Sharp, the head.

By not allowing her to perform federally-funded work, the NIH would be excluding Ishi-Kari “from doing significant, skilled research,” Sharp said.

June

#1 As part of an administrative calling the death of Vice President and Secretary of the Corporation Constant B. Simonds ’57, Director of Personnel Services Barbara G. Stowe to vice president for resource development. Executive Assistant to the President and Director of Public Relations Katherine A. Wilmore is to be elected secretary and ex officio member of the Corporation this morning.
The Institute strives to comply with ADA

By Sarah Y. Keightley

Last spring, a letter from the Undergraduate Association vice president drew attention to the Institute's lack of compliance with the ADA, Americans with Disabilities Act.

Since then, an ad hoc committee was formed to address disabilities services on campus. The committee is working specifically to comply with ADA provisions.

The committee will probably recommend the formation of an Institute oversight committee to be responsible for all disabilities-related priorities, Immerman said.

"Working on this problem is not large, but when you put them all together the impact on accessibility from where I'm sitting seems to be quite significant."

Another major disabilities services-related project Immerman is involved with is "working with Michael Owu designing a barrier removal program for the entire campus," Squillante said.

People said that problems with "improve disabilities services and environment," Squillante said.

"The recent and upcoming build- and facility improvements represent a historically significant effort," Ward said. "Each individual ele- ment is not large, but when you put them all together the impact on accessibility from where I'm sitting seems to be quite significant."

The dormitory network has provided students with greater convenience and security issues that Information Systems has been working to address.

With a connection to the ResNet extension of MITnet, personal computer users can access news, mail, and general information archives anywhere on the global Internet. Applications such as TeXmac, Gopher, Mosaic, and Zephyr allow students to use many of the features available from the Athena Computing Environment.

"ResNet is intended to extend the network to the residences," ResNet Support Coordinator Michael L. Barrow '93 said last year. "Students will get access to files, and will be able to communicate with other students around the world."

In March of 1993 by Information Systems, the ResNet project initially connected only the off-campus independent living groups and Huntington Hall to MITnet. However, with the completion of the second phase of the project last year, Resnet provided access to the entire undergraduate population.

Graduate students received network connections after a request by the Graduate Student Council for the timely installation of enhanced services in graduate dormitories.

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MITES dispute attracts national media attention

By Stacey E. Blau

The Year In Review

MITES is a rigorous program that cram into six weeks as much content as a full-year course. The program at MIT is designed for high school seniors at MITES campuses. A student at MITES is a rigorous program that is designed for high school seniors who are minority students. The program is designed to prepare students for college and to help them decide if they want to continue in their studies.

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Three robbed by bandit

Eric D. Kupferberg G was robbed at gunpoint on Sept. 23 at a BayBank ATM at 226 Main St. in Kendall Square. After making his transaction, Kupferberg exited the lobby to the right and headed into the isolated Sloan Square parking lot to retrieve the money from the machine. Kupferberg was robbed of $500 after finding his wallet in one hand, and money in the other, Kupferberg said. "During the time we were in the lot, two cars drove by. I am incredulous that what was occurring in front of me." Kupferberg said.

"I knew that I was in danger," Kupferberg said. "I was trying to get my wallet back and ran after the car, but the robbers caught up quickly," he said. The robbers showed Kupferberg the barrel of a gun, escorted him back to the ATM, and forced him to withdraw the maximum limit of $500 after finding he had only $30. "No one noticed in the parking lot that my hands were up in the air, wallet in one hand, and money in the other," Kupferberg said. "I was afraid that I would be robbed." Kupferberg said.

The Year In Review

Aplicants are picked on the basis of their academic performance. Test scores or good grades, according to William H. Ramsey, were the best students. Ramsey died last month of a heart attack a week ago on campus.

Between one third and one half of each MITES class goes on to enter MIT the following year, Ramsey said.

Jennings' admission was partly influenced by the publicity generated by the first article printed in The Wall Street Journal, according to Trilling. Jennings' "was a marginal applicant," he said.

"With some hesitation, we accepted him. He was far away from a Princeton candidate," Trilling said. "His SAT scores were low," he explained, explaining that Jennings scored a 910 out of possible 1600 on the SAT.

Ramsey, however, said that Jennings was accepted "before the first [Wall Street Journal] article." Academically, Jennings "had his strengths," Ramsey said. "His expectations were very high, and he discovered that it wasn't as easy as he thought it might be." During the fifth week of the program, Trilling met with students individually for "20 minutes of conversation" to discuss their performance in the program. Jennings "was so focused on coming to MIT," Trilling said. "I had the option of encouraging him," but chose to warn him that his chances of admission were not very good," he said.

Jennings didn't expect what "I didn't expect him to say what he was going to say," Jennings said. "He told me, 'Your records aren't good enough. Your college board scores aren't good enough,'" Jennings said. "I was angry." Jennings said that there were racial overtones in Trilling's statement, but Trilling called the charge unreasonable. "All the other students were minority members, and none of them reacted in this way," Trilling said.

"MIT is a competitive, performance-oriented institute," he said. Prospective candidates must "give evidence that they can hack it." The performance of Mr. Jennings did not give that sense.

"If I meant to put him down, I would have had a perfunctory interview," Trilling said. "I tried as honestly as I could to advise Jennings about his chances, Trilling said. "The objective was probably the right one. The execution turned out to be inadequate." 

"I don't accept Professor Trilling's apology," Jennings said. "I don't think that he should be the academic adviser [of MITES] for next year.

The program "should be more geared towards people who are in disadvantaged environments," Jennings said. "The city schools are overlooked," he said. "There should be more focus on people who really need MITES." After MITES ended, Jennings changed his opinions about the colleges to which he was planning to apply. MIT was no longer his first choice. Jennings applied early to Brown University and was admitted in December.

Jennings plans to major in mathematics and minor in computer science and receive teaching certification. His experiences at the MITES program and his conversation with Trilling "are not important. I don't think about it anymore," Jennings said.

"I didn't even apply to MIT," he said.

Baybank bandit' ATMs robbers top list of crimes in '94

By Shang-Lin Chang

Crime has always been a major concern for the MIT community. The Institute has been a "densely populated urban area in which some of the crimes are bound to overlap into the campus area," according to Chief of Campus Police Anne P. Glavan, "That is why we can still experience crime, but it is quite unpredictable," she said.

In the past several years, according to the Cambridge Police mid-year report, theft, traditionally one of the largest crime problems, practically this bad this fall due to a spike in robberies at automated teller machines. In response to the ATMs robberies, which were situated on the fringes of campus or near independent living groups, the Institute has increased the hours of the Lobby 18 BayBank and Shawmut ATMs.

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Another MIT-affiliated person was robbed in a similar crime four days later at the BayBank ATM at the corner of Broadway and Broadview streets. The Cambridge Police did not release the name of the second victim of the "Baybank bandit." A third victim, Joel P. Johnson '96, was robbed Oct. 7 at the Quality Mart ATM on the corner of Massachusetts Avenue and Beacon Street. The robber approached Johnson outside of the Pi Lambda Phi house, where he lived with three other freshmen in a two-mile-wide fragment of the comet Shoemaker-Levy 9 hits Jupiter, rivaling the "Great Red Spot" as the most prominent feature on the planet's surface, according to Frank Pasquale, Cambridge Police public information officer. The robber's face was rec

The MIT Supercomputer facility is shut down due to financial constraints and an uncertain hardware landscape.

In a move that could have dire consequences for university-based research at MIT and schools across the country, the House of Representatives approves a measure that would cut next year's Department of Energy scientific research funding in half — from $1.8 billion to $900 million. The bill still needs to go before the Senate.

Professor of Linguistics and Cognitive Science Jay Keyser resigned March 3 as associate provost for institute life after holding this position for nine years. He worked extensively on the institute's policies, conflict resolution, and faculty and student relations.

July

New federal regulations for handling the costs of doing research take effect today, making hiring a student in the Undergraduate Research Training Program unattractive to about 60 percent more expensive than it was last fall.

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SigIPhi to become chapter of AEPhi

By Angela Liao

S tarting this month, Sigma Iota Phi, a local sorority for the past two years, will become a chapter of the national sorority Alpha Epsilon Phi, according to SIP President Angela Liao '96.

"We look forward to being part of something larger," aid SIP member Rebecca Mallin '95, a suite resident.

A third arson attempt was discovered in suite 333 early the next morning. Luis A. Uribarri '95, a resident, said, "I woke up at a little past 6 a.m. by a smoke alarm outside my door," said S. Roopom Banerjee '97, who lives in the suite. "I smelled smoke. When I got outside the door, I saw a blazing newspaper on the stove. The flames were 1.5 to 2 feet high," he said.

Banerjee doused the fire with a pitcher of water.

The morning's other reported attempt, which took place in suite 213 shortly after the first one, was under control by the time residents had returned from the evacuation, said Cynthia H. Liu '95, a suite resident.

This year's Panhel President A. Arif Husain '96, who served as a senior on the House of Representatives, was named to a new private sector Planetary Sciences. Mario C. E. G. Pellegrini '95, who lives in the suite, said, "It's kind of sad this is going on at MIT," said Nathan R. Schnidman '95. "I have no idea why it's happening. The way the fires have been scattered about it doesn't look like it's against anyone personally."

Attention shifted back to MacGregor on Dec. 14 when the suite door in J21 was discovered in flames, according to Graduate Resident Tutor Russell G. Tesnier '96. The door had been decorated with wrapping paper and a bow for the holiday season.

The Campus Police also found that smoke detectors on the second and third floor of the entry had been disabled, Tesnier said.

At 2:40 a.m. the following morning, the holiday tree that stood in front of the Student Center was found on fire by a Campus Police officer on patrol. The Cambridge Fire Department called to extinguish the fire, Glavin said.
PhD student finds Soviets misreported Chernobyl accident

By Stacey E. Blau

It is rare, even at MIT, that a doctoral thesis project merits media attention, but Alexander R. Sich PhD '94, a former nuclear engineering graduate student, found that the 1986 Chernobyl nuclear accident received more radiation than the Soviet Union reported.

The findings were still noteworthy after Sich had to scale back part of his results because a computer program he used made inaccurate calculations.

According to Sich's research, the Soviet airlifts of 5,000 tons of concrete meant to smother the burning reactor core did not work. The plots are at the wrong target, a red glow located 50 feet from the core.

The core extinguished itself after undergoing a complete meltdown over a 10-day period after the explosion. Sich found that nine days later, the core melted through the six-foot reactor shield and spilled into a lower level where it spread out sufficiently to cease the nuclear reaction. Because the radioactive material in the core was not shielded immediately, a high emission of radiation occurred, according to Sich's research.

The thesis reported that between 185 and 230 million curies of radiation were released as a result of the nuclear reactor's meltdown. Official Soviet reports pegged the radiation level at 50 million curies. One curie is the amount of radiation given off by one gram of naturally occurring radium per second.

According to Sich's research, the Soviet airlifts of 5,000 tons of concrete meant to smother the burning reactor did not work.

In 1987, the Soviet Union reported that the reactor core melted down in the first 30 minutes of the accident, though in Sich's thesis, the accident lasted for more than 10 days.

The error did not affect Sich's data on radiation exposure to people around the accident site, nor did it affect his assertion that the Soviet helicopter airlifts in the days following the explosion were a failure, according to Professor Emeritus of Nuclear Engineering Norman C. Rasmussen PhD '56, Sich's thesis adviser.

Senior survey shows overall satisfaction with academics, life

By Angela Liao

Few would dispute the anecdotal evidence about the Institute for Students in Technology — that the pace is fast and the pressure high, that people like their living groups, that the freshman year is less than nothing — but the Freshman Survey, conducted last year and expanded this year, found some hard evidence to back up the conventional wisdom.

The 10-page long survey, mailed to members of the Class of 1994 in April, showed that about three-quarters of the seniors were satisfied with their undergraduate education. On the other hand, 70 percent of the respondents said they were not satisfied with the most important parts of their freshman year.

The initial results of the senior survey also showed that over 80 percent of the respondents were satisfied with their living group experience.

Another section of the survey measured the perceived importance of several kinds of knowledge and skills versus how well MIT educated students in these areas. The survey showed that more than 90 percent of the students thought problem-solving skills were important, and only about 9 percent felt they were satisfied with their education in this area.

In other areas, the differences between importance and the quality of education were great: Nearly 90 percent of the students thought problem-solving skills versus how well MIT educated students were most satisfied with academic affairs.

Both Merritt and Sich also found that the dissatisfaction with freshmen year is an issue that needs to be looked at in more detail.

"We hope the results of the survey will energize departments and the institution as a whole to talk to students a lot more," Smith said. "They're very interested in what we're doing with our education."
Obituaries

Constantine B. Simonides ’57

Vice President and Secretary of the Corporation Constantine B. Simonides ’57 died on April 24, apparently of a heart attack. Simonides, 59, served as vice president for the past 34-year career at MIT. He was the instruction manual for most of anything that one might now want about MIT,” said Provost Mark S. Wrighton.

Simonides was involved with many programs and activities during his 34-year career at MIT. "He was the champion of the Media Laboratory, Jerry Wiesner has been single-minded in his desire and his efforts to strengthen and improve his department’s efforts to band the Overlap Group, the 23 coast universities and the federal government was in flux, and the complexion of those activities was first formed in 1965, the student body requested a traditional Thursday-night program as a way for the students to get together, and he extended that idea to development of the MIT Alumni Building, which houses the swimming pool – one of the first significant examples of modern design in the United States."

Kenneth R. Wadleigh ’43

Kenneth R. Wadleigh ’43, who served as a senior administrative officer and director of engineering special programs, died May 26, apparently of a heart attack.

At MIT, Wadleigh was a strong proponent of interdisciplinary research programs and the arts. He played an active role in expanding research and teaching programs in the humanities, arts, and social sciences. He was also one of the founders of the Media Laboratory, housed in the building that bears his name.

"From his days as group leader and division head in the Radiation Laboratory more than 50 years ago, through his presidency in the ’70s, to the last years in which he had been the intellectual champion of the Media Laboratory, Jerry Wiesner has been single-minded in his desire and his efforts to strengthen and improve his department,” said Chairman of the Corporation Paul E. Gray ’54.

Jerome B. Wiener

Jerome B. Wiener, 13th president of MIT and science adviser to President John F. Kennedy, died of heart failure on Oct. 29 at the age of 79.

Wiener served as president from 1971 to 1980, when he retired and became life member of the Corporation. During his career, he also served as provost, dean of the School of Science, head of the Department of Electrical Engineering, and director of the Research Laboratory of Electronics.

Wiener was a leader in the movement of federal policy regarding science and technology over the last 30 years. He worked with Kennedy during his election campaign in 1960, and was named special assistant to the president in 1961. At MIT, Wiener was a strong proponent of interdisciplinary research programs and the arts. He played an active role in expanding research and teaching programs in the humanities, arts, and social sciences. He was also one of the founders of the Media Laboratory, housed in the building that bears his name.

"From his days as group leader and division head in the Radiation Laboratory more than 50 years ago, through his presidency in the ’70s, to the last years in which he had been the intellectual champion of the Media Laboratory, Jerry Wiesner has been single-minded in his desire and his efforts to strengthen and improve his beloved MIT,” said Chairman of the Corporation Paul E. Gray ’54.
Institutional Wisdom Watch

Strategic Housing Planning Committee: Pervasive attempt at top-down social engineering generates more heat than light.

President Vest: MIT's own President Bush spends his time out of town saving MIT's rear end. While the cat's away, the mice will play.


Dean Art Smith: SHPC hurt, but we're sad to see you go. Art, we hardly knew ye.

Robert Randolph, SHPC Chair: "We have listened" line wears thin. Motto: Von Dee, Von Dee.

Residence and Campus Activi
ties: Jablonski rocks the air. Allen muddies the waters.

Picture book monkey: Get it off.

Aramark: ARA ditches name to improve image. Even the rats aren't fleeced.

New calendar: Reading period? What reading period? MIT is still Hell...

John Hollywood, UA Committee on Student Life: Survey-king running in an open field. UA presidential bad generates zero enthusiasm.

UROP: Under siege, provost's $1 million saves the summer. But who will be Daddy Warbucks this year? Happy 25th birthday!

UA: Student government rejoins the battle. Now where'd I put my sweat?

A Review of the Year's Editorials

I n 1994, The Tech took the opportunity to examine, extol, criticize, and congratulate a range of issues and concerns facing the MIT community. Through its editorials, The Tech sought to give both voice and vision to events on campus and beyond. Editorials are approved by the editorial board, composed of the chairman, editor in chief, managing editor, executive editor, news editors, and opinion editors. The following are selections from The Tech's editorials of 1994:

Overhead Waiver Vital to UROP
February 22
Starting July 1, the cost of the Undergraduate Research Opportunity Program will more than double because of new federal regulations regarding overhead costs. The UROP program is an integral and important part of an MIT undergraduate education, and any reduction in UROP represents a considerable cause of alarm for all present and future MIT undergraduates.

For many students, the UROP program has great educational value. The opportunity to do cutting-edge research at leading universities attracts many students to MIT. For some, it is the factor that convinces them to choose MIT over other universities. Eighty percent of students holding a UROP during their academic careers...

In addition, a substantial number of students use UROPs as work-study employment. If only credit or volunteer UROPs are available, these students may be denied a part of the MIT experience. Those who need to work for money may turn away from the UROP program altogether, hurting the students as well as MIT.

The administration should be lauded for its efforts to save UROP. But Provost Wrighton alone will probably not be able to convince the government to grant an exemption.

A coordinated effort by the students and affiliates of MIT must be made to make the government aware of the educational value of the UROP program. A change in policy regarding the waiver of over- }

head costs associated with UROP may have tangible results, possibly affecting more than meets the eye.

Dean Selection Thriving, Successful
March 1
On Feb. 1, Margaret A. Jablonski began her position as associate dean for residence and campus activities. Jablonski was appointed to the office formerly held by James R. Tewhey, who stepped down last April amid charges and counter-charges of sexual harassment. In her short time at MIT, Jablonski has already established herself as a motivated figure who is ready to take up the responsibilities of an effective associate dean for the students.

The role of RCA dean requires frequent contact with students and effective communication skills. Thus, including events in the selection process was an important and necessary step to ensure the appointment of the most promising candidate.

The Jablonski selection demonstrates that student involvement can have a beneficial result. This process should be continued with other issues affecting student and campus life, including changes in food services, the academic curriculum, and the Institute calendar.

UAP/VP Candidates Disappearing
March 8
The Undergraduate Association elections taking place this week are one of the few chances the student body has to make a difference in student government. However, the candidates this year for UA president and vice president show a uniform lack of promise in the face of an apathetic constituency...

Editorial, Page 20
In a year of budget cuts and core curriculum changes, it is especially important that the student government, through self-governance, develop that higher-level spirit, which means being more fully involved with their community. While the Campus Police lack enforcement capability and could do better to warn the MIT community about any potential security threats, there is little that they can do about bullying or other forms of harassment.

The IFC's judicial system meets this standard and should serve as a model for student judicial self-governance.

Editorial

19 After the Interfraternity Council judicial committee trials this weekend, the committee announced that it found 13 independent living groups guilty of rush violations and fined them a total of $8,800. Lambda Chi Alpha leads the list of violators with $2,500 in fines and several sanctions for badmouthing and desk rule violations.

19 Today's institute holiday comes as a pleasant surprise to many students. The holiday will not be a permanent addition to the new calendar, but it corrects for an inordinately large discrepancy in the number of Monday-Wednesday-Friday classes and the Tuesday-Thursday classes.

21 The agenda of today's faculty meeting includes the 100th birthdays of Professors Emeritus Dirk J. Struik and C. Fayette Taylor. Taylor was the first director of the Institute Laboratory. Struik is a well-known mathematical both for his work in analysis and geometry and for his pioneering book on the History of Mathematics.

22 In a meeting open to the public, the Interfraternity Council and Gays, Lesbians, Bisexuals, Transgenders, and Friends at MIT discuss the tension between the two groups following the IFC display describing instances of homophobia within the Greek system at MIT over the last 15 years.

The Coop announces that the first year that the Coop has not given a rebate to members. Instead, it will give a rebate to members. It is impossible for the living groups to keep UROP students working in the numbers they are now. To spend this kind of money at all is remarkable for an institute with a budget deficit of over $10 million — but it is impossible for the long term.

Student-Run Dining Shows Great Effort

The Baker House Dining Committee should be congratulated for taking the initiative to provide quality on-campus food service. Many students have hungered for a way to prove there is a better way than ARA. Baker House can have come forward with this proof, demonstrating that students can provide a quality, workable alternative, at least on a small scale.

The initiative being taken at the Baker House dining hall affects all students at MIT who will use food services on campus. A successful Baker dining hall will serve as a model for student self-governance and may hopefully encourage other such operations. Whether it has nothing, perhaps it has been a part of that student demands and is working to will for better food on campus;

IFC Trials: A Model For Self-Governance

The recent trials of the Interfraternity Council Judicial Committee were an important step for the self-governance of MIT students. At an institution where harassment and domestic violence incidents often generate immediate controversy and disinterest, the IFC should be lauded for a judicial system that works in a just and timely fashion.

The argument is that the IFC's judicial committee should have served as a model for student empowerment at MIT. Whether facing academic, social, or physical challenges, students will find what they are looking for. If you develop your mind, developing your abilities to their fullest, and pushing your limits.

This is an opportunity to explore other methods to enforce rules and ollicit funding from outside sources. Come September, the $1 million grant will have disappeared and UROP will face the same problem it escaped for the summer.

Welcome, Class of 1998

August 25

Welcome and congratulations. Be not only of your admittance, but also of making the decision to come here to begin the first of what may come to be most important years of your life.

The initiative being taken at the Interfraternity Council Judicial Committee was an important step for the self-governance of MIT students. At an institution where harassment and domestic violence incidents often generate immediate controversy and disinterest, the IFC should be lauded for a judicial system that works in a just and timely fashion.

Although there are legitimate questions about the ability of the system to discourage violations, the open and generally fair process should be modeled for other institute dispute resolution processes.

The IFC's judicial system processes rush violations efficiently, the ability of the system to discourage violation remains suspect.

So go ahead, take that hard class, try out for that team, join that extracurricular activity. Rush your favorite living group, and meet as many people as you can. But don't be overly disappointed if you don't get an A- plus, don't make the team, or don't have time for an activity. And don't get upset if you don't get a bid, don't be oxcluded back to society, or if you can't find the right group of friends right away. No matter what happens, always try to make the most of your experience.

So welcome to MIT. Despite some flaws throughout the system, we feel that you will find your education experience over all. The resources of the Institute are truly good, both in quantity and quality. It is up to you to discover and take advantage of them.

It is important to remember that we are an institution where students are capable of imagining and executing any idea for which they can find a community to support their efforts. The Institute has the potential to be a leader in the world. Whether facing academic, social, or physical challenges, you will find what you are looking for. If you develop your mind, developing your abilities to their fullest, and pushing your limits.

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The IFC's judicial system meets this standard and should serve as a model for student judicial self-governance.

Student efforts may be the most effective way to win outside support for UROP. Students' personal experiences with UROP will far more effectively persuade a legislator than the appeals of administrators. Therefore we must not let up in our efforts to lobby the government and solicit funding from outside sources. Come September, $1 million grant will have disappeared and UROP will face the same problem it escaped for the summer.

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Welcome and congratulations. Be not only of your admittance, but also of making the decision to come here to begin the first of what may come to be most important years of your life.

Along the path to your commercial experience in 1998, you'll be challenged in ways you may not yet be able to imagine. Whether facing academic, social, or physical challenges, you will find what you are looking for. If you develop your mind, developing your abilities to their fullest, and pushing your limits.

So go ahead, take that hard class, try out for that team, join that extracurricular activity. Rush your favorite living group, and meet as many people as you can. But don't be overly disappointed if you don't get an A- plus, don't make the team, or don't have time for an activity. And don't get upset if you don't get a bid, don't be oxcluded back to society, or if you can't find the right group of friends right away. No matter what happens, always try to make the most of your experience.

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MIT students should not expect the new dean for undergraduate education and student affairs to be another Art Smith.

UESA, MIT Need Another Smith
October 21
The imminent resignation of Dean for Undergraduate Education and Student Affairs Arthur C. Smith, has created an urgency in the entire MIT community, particularly students. His intimate understanding of undergraduate culture should also be greatly felt by the entire MIT community, particularly students.

Smith's own words, he was never one to manage students; rather, his philosophy centered around the belief that MIT students should take responsibility for their own lives and actions, that education from a skinned knee was preferable to being walked by the hand. A more noble philosophy of student affairs is difficult to imagine.

MIT is now challenged with finding another leader for an organization whose administrative reach extends from Residence and Orientation Week through Commencement. MIT will likely not undertake a search to replace this individual, the selection of the next President. The provost, with a soon-to-be-appointed advisory group, will face the daunting task of finding an individual with the character and vision to set the direction of undergraduate life at the Institute for years to come.

In the final analysis, MIT students should not expect a new dean for undergraduate education and student affairs to be another Art Smith. We can only hope for someone who shares his philosophy and can thrive to meet his high standards of leadership and admirable commitment to students.

Housing Plan Deserves Student Input
November 1
The plans under consideration by an administrative committee to renovate Senior House and East Campus into graduate dormitories raise several important questions about how the administration makes decisions that affect student life.

While Senior House and East Campus may fare poorly compared to other dormitories during dormincy rush, this should not be taken as a sign that there is no demand for housing on the east side campus. Most residents are currently satisfied with living in these dormitories, many would find moving to west campus to be a substantial hardship. Furthermore, the unique undergraduate culture should also be taken into account.

Moreover, random residents certainly feel an emotional attachment to their current living arrangements - their friends, neighbors, halls, entries, and even rooms. Dormitories are more than just physical spaces to be readily transformed into some master plan, and their residents are more than just playing cards to be dealt out to various campus buildings.

In general, the administration needs to begin by making proposals, learning about the general concerns that will inevitably follow, and then make informed and advised decisions in that order. Any attempt to reverse this order, to leave out parts of its sequence, or to squeeze the process for discussion down to a minimum can only result in anger, protest, and hurt feelings.

Kennedy Should Be Re-elected
November 8
This year marks Sen. Edward M. Kennedy's 13th bid for re-election. Kennedy's opponent, venture capitalist and Massachusetts native William Weld, has stated his support for eastern Massachusetts residents. However, given the standards of the two candidates the two candidates have taken on the defining issues of this year's campaign - the after elections, voters should re-elect Kennedy to the Senate.

On all of these issues - welfare, health care, the budget, and foreign policy - Sen. Kennedy has stood out the more realistic and good sense approach. He, as a liberal advocate for eastern Massachusetts, can better represent the interests of the Massachusetts electorate.

Kennedy, however, given the standards the two candidates have taken on the defining issues of this year's campaign - the after elections, voters should return Kennedy to the Senate.

Crime Bill Is A Notable Service
November 18
One month ago in this space, we faulted the Campus Police for failing to promptly and adequately communicate relevant information about crimes and safety to the MIT community. This week, the police department has issued specific information rather than vague alerts or safety tips to protect themselves. The police department has stated their commitment to protect members of the community from the otherwise inevitable neglect of campus crime.

To help solve this problem, the Campus Police has taken a noteworthy step with the creation last month of an electronic mailing list to keep members of the MIT community informed about crime on campus. The new list is an improvement and an important first step; however, it can only be one component of a larger community awareness program.

The occasional failure to be aware of our surroundings is an unfortunate consequence of our busy lives, but proper management, and staff. The open and urban nature of our campus demand that we recognize the limits of the Campus and Cambridge Police to always protect us from crime. The electronic bulletin is a good first step to increasing awareness and thus safety, but much more needs to be implemented before the job is complete.

SHPC Should Have Sought a Consensus
November 29
You don't do anything on this campus unless it looks good, and consensus, said Senior Associate Dean for Undergraduate Education and Student Affairs Robert M. Randolph. Randolph was talking about including student representation on an administrative committee formulating plans to move undergraduates into graduate dormitories.

Unfortunately, the workings of the Senator's Planning, Housing, and Urban Affairs Committee and the process that will determine the fate of the campus dorms will not come around, been planned from the outset to avoid building any kind of a consensus.

Tomorrow, the SHPC is scheduled to meet to discuss the future of the Senior House, the senior administration. The timing could have been worse for the SHPC, and graduate student students.

Given the short timeline one wonders how much time, if any, the administration would have allowed for community input had The Tech not broken the story about the plans four months ago. Not only would the activities had not gone public, would student groups have been allowed more than a week's notice after a decision had already been made.

If administrators had more time, they might have cooperated fully with students in making their proposals, they would have made sure student input made useful. They might have even built a consensus. However, it would seem that with the protests that many students had toward shutting off the students and making changes in a very short time it would be most beneficial.

The Year in Review
Many standout performers bring life to an unsurprising year in MIT music, theater

By Scott Deskin

Last year’s on-campus performances were, on the whole, not that surprising: There’s only so much originality that a performance group can inject into a Gilbert & Sullivan opera or a formulaic capella show. However, there were more than enough individuals who stood out from the crowd to make these shows enjoyable and memorable. The jazz and classical music ensembles were especially noteworthy, and they continued an exploration of musical range and expression.

Theater

The Musical Theater Guild’s Independent Activities Period production of Matthy and Shere’s Baby was largely an unqualified success. The upbeat and endearing show depicted the lives of three couples who are forced to face some tough questions about their marriages when faced with the prospect of a new baby. The potentially serious material was displaced by an uplifting storyline and supported by a lively, comic score that is hard not to like. The real strength of this production, though, was the enthusiasm of the cast, led by an especially dazzling performance from Jessica Phillips and buoyant choreography.

Even with strong male leads, weak female acting hindered the MIT’s full production of Cosi and Dolci, the classic musical about love and betrayal. The new edition of the show took place in the Undergraduate Union. Despite a slow middle, the show picked up steam by the end of the second act, giving a semi-satisfactory catharsis to the on-again, off-again story. The New York gangster setting, along with memorable songs (including “Lucy Be a Lady”), skilful choreography, and a voice-cameo by President Charles M. Vest, prevailed in an enjoyable and marginally successful show.

Drasmatop’s performance of Spring Awakening presented a tale of humanity, maturity, and redemption. A sometimes brutal and perverse cross between Greek and a Separate Peace, it treated life, death, and sexual coming-of-age with both poignancy and stark cynicism. It tells the story of the experiences of schoolchildren in 19th century Germany and their experiences with their feelings and sexual desires toward the opposite sex and each other. Under the direction of Michael Outstanding, and high-lighted by several affecting performances, the play unflinchingly exposed the fears and frustrations of adolescence.

The Shakespeare Ensemble’s production of Othello’s Love’s Labour’s Lost, under the direction of Kermit Dunckelberg, transformed an encounter by plain-clothes actors onto stage into Shakespeare at his best. The ensemble, best complete, with modern-day references and inventive gestures to breathe new life into the text.

The first major production of the year came from the Gilbert & Sullivan Players’ production of The Foundling, written by Robert Wilm (conductor) and Mary A. Finn (director). Although The Tech’s reviewer was not very impressed by this original work, it contained some fine performances and a test that seems to pursue the G&S tradition. The Gilbert & Sullivan Players’ singing production of The Gondoliers was a confident return to form. The strong singing and orchestral accompaniment playfully under-scored the plot, centered around two young gondoliers who attempt to resolve their relationships with their lovers and at the same time guilefully with the prospect of one gondolier assuming the royal throne. High points of the performance included costumes and set design, which blended nicely into the Venetian setting of the play, and several mod- ern-day references, such as a modern disco ball during the dance and banquet. The G&S production of The Mikado was also an enjoyable (and suitably dated and racist) parody of the Japanese culture. To be fair, the play does call itself a parody and as such was meant to provide a humorous look at stereotypes. As such, the story of forbidden love in a land where flirting is a capital offense came through quite well because of some spirited, light-hearted performances by the cast. The play’s humor relies upon the fact that true love will triumph over all obstacles, even the seemingly insurmountable degree of the Mikado of Japan. From an entertainment perspective, the musical was funny and colorful and the costumes were gorgeous.

The Shakespeare Ensemble’s production of Titus Andronicus, perhaps the bloodiest of all of Shake- speare’s plays, was a little too much. It was about two hours of solid entertainment. There were murders, beheadings, hewn limbs, and a rape. The strength of the play, which is emphasized in Kim Marcuse’s direction of this production, was not in its sensationalism, but rather the timeless exploration of man’s dual nature of brutality and familial loyalty and love, as well as a lust for power. The quotes and poems in the program reminded the audience of the current conflict in Bosnia. The introduction served its purpose, forcing the audience to look for insights into our present world in the bloody spectacle of Titus. The set was simply immense with the floor of the stage made to look like a warped chessboard and a modera- tory setting for this play.

Jazz

At the New England College Jazz Festival in March, the MIT Jazz Ensemble saved the night by injecting some life and thought into an increasingly tired atmosphere. Woods resonated throughout Krege with a true, con- fident voice and brilliant technique. But, unlike the solos of two previ- ous groups, his playing never seemed overdone. He blew his horn, with the cool confidence and artis- culation of a supremely experienced artist.

Even with the spotlight on Phil Woods, the MIT Jazz Ensemble supported Woods with skill and sophistication. In Woods: “Quil, Susie Ward and Josh Goldberg ’96 released their annual report. The band performed a Gilbert & Sullivan opera set in a war-torn Japan. From an entertainment perspective, the Argus was about: these mature musicians can write a good sound. lead the band and composi- tion Mark Harvey, a lecturer in the music and the- Better arts department, worked with more instrumental elements of music to create works of art. The two-plus hour concert in March at the Her- vynk-Epstein Auditorium consisted of two suites and a short encore. The “Fireywater Mediation on the War Peril” began the evening with a dark washes of color and sound, gradually moving into the regular beat and structure of more typical jazz.

The second piece on the pro-
The Toons, a joint MIT-Wellesley caleglia group, perform this October.

Adriane F. Chapman

President Charles M. Vest called on students for The William Tell act at Late Night with Sigma Rho.

EdTech

The Year in Review

gram, "Passages/Psalms II," was a lighter piece, despite the dark modal colors that permeated most of the instruments: Bagpipes were encouraged to strike out on their own, and did so. Haydn masterfully captured the flow set up by an inspired soloist, bringing in more bands as of late and their more frequent mingling the next composed section to Haydn's vision was essential to the creation of this music, and everyone was doing it.

Brass Ensemble

In March, the brass ensemble presented one concert in which they moved an audience to both sadness and laughter byRON. The piece by trombonist Larry Isaacsen, is a standard ensemble with four trumpets, four horns, three trombones, one euphonium, one tuba, and three percussionists. John Hyman's version "Fanfare for the Common Man," this piece features dramatic, stark trumpet and horn, alternating with a fabulous gong line. It's a short piece, butHaydn's trumpet solo was nice and unusual, and the concert ended with a fine and highly excellent concert.

The band concert was handed to an enhanced by an inspired trumpet solo. All of the band members as needed or desirable. The use of this movement must surely rank up to the task. Alan Rambar, "Passages/Psalms II," was a piece by Prokofiev, and a new work by/described as "getting a good performance." The crescendos for Harbison's performance were composed by his wife. With a unifying musical structure throughout, the four sections of the piece were well received. The crescendos for Harbison's performance were composed by his wife.

The orchestra wavered throughout the piece. Most of the movements were adequate for the task at hand, and Beethoven's symphony was held together by Smith in one of their greatest evenings of music making. The orchestra waved through the night's performance of Walton's Flos都觉得 and Beethoven's Symphony No. 5 in beiso and nicely dramatic. The crescendos for Harbison's performance were composed by his wife.

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By Robert W. Marcatto

As the annual Academy Awards ceremony draws to a close, we all look at the red carpet and see who everyone else is going to see. But when they looked beyond traditional Hollywood lot talk, they found a recent Christmas-season duds like A Miracle on 34th Street and Richie Rich, near and far. The film industry has always, there were many good performances in 1994, but quality films were rare.

Best films

As tad as it is to admit it, 1994 was an off year for the film scene. Very few films really hit on all cylinders, but when they did, they really did. I could not come up with a top 10, but these five could each count twice.

Hoop Dreams

This film is an epic of hope, passion, struggle, and reward. Sounds like a typical critic's description of a great film—but, a documentary.

Yes, Hoop Dreams follows the lives of two Chicago high school students, Arthur Agee and William Gates, beginning at 14 with the boys' real hopes of future NBA stardom. The story follows them through ups and downs brought on by the high expectations. The film depicts the players' personal lives with gripping intimacy, the camera going further into the home than ever before.

And it's not like watching Hoosiers, where you know a happy ending is inevitable. You get through each game, each triumph, each tragedy without the foregone conclusions of victory for the good guys. The film is frightening and gritty and most amazing in that it has all the vivid characters, raw dialogue, and suspense of a great epic. Yet, all the time, you know it all actually happened, and that the filmmakers chose as a rule what they were getting into as you do when you sit down to watch the movies.

You can't help but be in awe of filmmakers Steve James, Fred Marx, and Peter Gilbert, who it seems moved in with the two families for several years, and then distilled hundreds of reels of film into this masterwork.

They have no moving music playing during moments of victory, no slow-motion shots of basketballs tragically rolling out of the basket. The camera is fair and unforgiving, the narration dry and passionless. They never ask you to get emotionally involved in the film. In fact they dare you not to, but you're dragged in nonetheless. It is an affecting experience.

I'm not alone in my praise of the film. Never has a documentary received such critical acclaim. Siskel and Ebert named it as their movie of the year and I found it impossible to do differently. Never has a documentary even been nominated for best picture, much less won the honor, but look to see Hoop Dreams accomplish the former and perhaps the latter. It deserves any award that it gets.

Pulp Fiction

Pulp Fiction was the most critically anticipated film in recent memory. From the moment it won the Palm D'or at the Cannes Film Festival, critics were jumping on it. The film depicts the players' personal lives with gripping intimacy, the camera going further into the home than ever before.

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They have no moving music
It's a role we've seen before, but her plan of, "Don't speak! Don't speak!" to John Cusack are enough to put her over the top. She plays it to over-the-top perfection.

Susan Sarandon

It's been a busy year for Susan Sarandon. With acclaimed performances in three films, *The Client, Little Women,* and *Safe Passage,* she is bound to get nominated for something. My choice is *The Client.* Here, she found a role that was perfect for her: a lawyer that takes a young boy's case, and ends up protecting him from the FBI and the mob. Sarandon mixes just the right amount of sensitivity and steel, showing us why, in a year of scarce quality female roles, she managed to get her hands on three. Sarandon is a self-assured, veteran actress who knows what she is doing.

Brooke Smith

Though *Fever on 24th Street* is a great ensemble effort, if you had to pick one performance as the best it would be Smith's. Her role as the housekeeper in love for six years with the visiting doctor is the most heartbreaking, head-starting, existence painfully well.

The only other film role I know her to have played was the senator's daughter who was kidnapped by Yoko. She appeared in the film *The Silence of the Lambs.* Pretty obscure, eh? Well, expect to see her around more often.

Jodie Foster

Yes, yes, I know. Playing a wildchild who speaks a language of about 40 words because she's been isolated, living with her mother in the woods for her whole life. It's screaming Oscar! But, a great performance is a great performance, and that's what Foster turns in once again in *Nell.* You can say what you want about the movie, but she's amazing.

Performance likely to be overlooked

Meryl Streep

I saw *The River Wild* at one of those free USC previews, and it just shows that you get what you pay for. As silly as this movie was, Meryl Streep somehow remained classy amongst all this white water, and totally convinced me that she was as much of a raving mother as the script claimed her to be. She was confident, self-assured and the only thing that kept me from giggling during some of the dramatic sequences. Maybe an actor or actress's performance in a bad movie is more telling measure than a performance in a good one. If Streep is one of the best.

Rodney Dangerfield

In *Natural Born Killers,* a movie full of psychos, Dangerfield's performance might have been the most disturbing of all. This is probably because his scariest film moment previously to this was doing the Triple Lindy dive in *Back to School,* carrying you through this rather tasteless film with a comic, mug-a-minute style that carries you through this rather tasteless film. If you're interested, you'd better hurry. *I.Q.* will be leaving theaters at any moment.

Tom Hanks is Forrest Gump.

Dennis Quaid

Kevin Costner's most recent film, *Wyatt Earp,* bombed hard. It was too bad because no one saw Dennis Quaid.

Supposedly, Quaid became so involved in his portrayal of Doc Holiday, who is supposed to be suffering from a worsening case of tuberculosis, that he lost more than 20 pounds to acquire his emaciated look. It worked, because he is painfully accurate in his portrayal, receiving most of the film's limited praise.

Dennis Miller

In the highly entertaining techomediathinker, *Discourse,* Miller plays one of Michael Douglas' head technical associates. Miller's blit wit is perfect for the crude sexual jokes of his power perk character. It is his first film role, and he accounts for most of the movie's laughs, stealing nearly every scene he's in. Look to see Miller on the big screen more often.

Walter Matthau

You'd think that with Tim Robbins and Meg Ryan, *I.Q.* might be a good movie, but the only thing worth seeing it for is Walter Matthau. He plays Albert Einstein with a comic, mug-a-minute style that carries you through this rather flat movie. If you're interested, you'd better hurry. *I.Q.* will be leaving theaters at any moment.

The Year in Review

November

2 Residents of Senior House and East Campus meet to discuss their concerns about the Strategic Housing Planning Committee's proposals to renovate the two dormitories for graduate housing. Following the meeting, nine students form a student committee to represent residents' concerns to the SIPC.

3 Institute Professor Noam A. Chomsky and scholar Israel Shahak address the issues of Jewish fundamentalism in the domestic and foreign policy of Israel at a forum in 26-100. The pair speaks to a full crowd and meets with students from several members of the audience when individuals received the opportunity to voice comments and questions.

December

28 After a week of dressing up in costumes and performing in Lobby 10, Stephanie A. Spavero '96 is declared the winner of the 25th annual Dress-Up contest. A total of $765.60 was collected this week, and the money will go to Spavero's chosen charity, the Massachusetts Association for the Blind.

30 MIT Hillel formally dedicates its new Hillel Center in Building W17, the former Center for Advanced Visual Studies building on the corner of Massachusetts Avenue and Amherst Alley.

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30 MIT Hillel formally dedicates its new Hillel Center in Building W17, the former Center for Advanced Visual Studies building on the corner of Massachusetts Avenue and Amherst Alley.
Old and new artists exploit and still prey to 'alternative' music wave in 1994

By Scott Deskin

I wish I could say 1994 was a good year for the music industry, but then again, I could wish 1939 was a good year for the music industry. The music leaders have been forced to re-evaluate their strategies to survive, to diversify, to appeal to a younger audience. The critics have been forced to reconsider their opinions. And the public has been forced to re-evaluate their listening habits. Even the infusion of new bands like Green Day and The Cranberries has been met with mixed reviews from the public, as well as impressed me with new talents, as well as enriched me with new listening habits. Even the infusion of new bands like Green Day and The Cranberries has been met with mixed reviews from the public, as well as impressed me with new talents, as well as enriched me with new listening habits. Even the infusion of new bands like Green Day and The Cranberries has been met with mixed reviews from the public, as well as impressed me with new talents, as well as enriched me with new listening habits.

The album is deeper than its catchy singles. The songwriting is more complex, the production is more stripped down, the vocals are more powerful, the lyrics are more thought-provoking. The songs are more than just a one-time hit. The album is a journey, a reflection, a commentary on a run-down night-life scene, a commentary on the state of the world, a commentary on the state of the industry.

The lyrics convey a sense of longing and confusion. They powerfully express the themes, such as loss of freedom, the struggle for independence, the search for identity. The songs are more than just a one-time hit. The album is a journey, a reflection, a commentary on a run-down night-life scene, a commentary on the state of the world, a commentary on the state of the industry.

The album is a celebration of the power of music, the power of words, the power of emotion. The music is more than just a one-time hit. The album is a journey, a reflection, a commentary on a run-down night-life scene, a commentary on the state of the world, a commentary on the state of the industry.

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The Dramashop performs Spring's Awakening.
Field hockey wins its first NEW-8 tourney, ranks 4th in region

Sports Roundup, from Page 32

Better team results could have been desired for the first season under the helm of coach Eric Soell, but there were a handful of outstanding individual performances. For such a time, five of the losses were decided by five bouts or less, including 13-14 heartbreakers to many Division I opponents, did not make this level of talent apparent. At the ECAC championship, MIT set a team record, with a mark of 215.15, and did so without placing a performer in the top eight of all single event. At the meet, MIT broke five records for team scoring on the individual apparatus.

"The Engineers qualified for, and competed in the 1994 National Championship at Denton, Tex., where they finished sixth. Five returning members were named USA Gymnastics National Scholar-Athletes. The team was later awarded the status of national academic team champion for boasting the highest grade point average in the nation."

"Catherine Rocchio '97 and Tashi Chiarenza '97 both earned All-Americans honors at the National Col..."
Douglas MacVey '98 heads the weekly column "The Hallmark." 

The women's lacrosse team was, at the end of the season, in a make-up event. In a match at Stone College, Smith lost 19-17 to the Engineers, who were set to play in the Elm College championship, where the Engineers lost to New England College, 10-9, in overtime. Catherine Manion '95 and Jen Chank '95 were selected to the all-tournament team.

The only loss outside the conference occurred in the finals of the Elm College tournament, where the Engineers lost to New England College, 10-9, in overtime. Catherine Manion '95 and Jen Chank '95 were selected to the all-tournament team.

The team made extensive travel for the season, but few local schools were selected as hosts for the New England tournaments. MIT finished eighth out of 16 schools at the New England tournament. The women's team was seeded at the New England Open on the strength of 25 entries from the New England Conference. The same week, the team finished sixth in a field that featured 12 of the top 15 teams in the nation. 

The team's victories included wins at the Cape Cod Open and in the Brandeis Bowl Regatta. Unfortunately, they would lose to the Smith Trofeo, which features 25 schools, the largest field of any regatta in the country. Elaine Heal '95, with Yoko Kusumoto '97, and Adam London, with Anne Michelle '98, led the Engineers to a fourth-place finish. Several teams captured victories at the Cape Cod Open and in the Brandeis Bowl Regatta.

The women's sailing team held its annual regatta, the New England Senior All-Star Game. The women's sailing team held its annual regatta, the New England Senior All-Star Game. The women's sailing team held its annual regatta, the New England Senior All-Star Game. The women's sailing team held its annual regatta, the New England Senior All-Star Game.

The following awards were presented at the May 4 Institute Awards Convocation.

The Pewter Bowl Award: presented annually to a female senior who has shown the highest qualities of leadership and inspiration in intercollegiate athletics. Winner: Marion A. Casserberg '94 (women's basketball).

The Dudley Cochrane Award: presented annually to a male senior who has shown the highest qualities of leadership and inspiration in intercollegiate athletics. Winner: Nicholas J. Pearce '94 (track and field, football).

The Harold J. Pettigrew Award: presented annually in recognition of outstanding service to intercollegiate athletics. Winner: Craig A. Anderson '94.
The years varsity eight rows to a win against Boston College, University of Massachusetts at Amherst, and Tufts University. Women’s crew won its second consecutive NEWM Championship and the Smith Cup.

1994 National Scholar-Athlete Awards

1994 National Scholar-Athlete Awards
- Geoffrey M. Phillippe ‘95: USA Gymnastics Valerie P. Tan ‘94: CTE CoSIDA All-Large (tall) third team Chikyung Won ‘94: USA Gymnastics

1994 Academic Awards
- Men’s Gymnastics: National Association of Collegiate Gymnastics Coaches Association
- Men’s Outdoor Track and Field: United States Track and Field Coaches Association All-Academic Team
- 1994 NCAA Postgraduate Scholarship Awards

1994 Women’s Soccer
Record: 8-5-1
Captains: Emily Brown ‘96, Becky Hill ‘95
Most Valuable Player: Kaiser
Four-Year Letter Winners: Deb Costello ‘95, Hill
The women’s soccer team started the season off well, winning six of its seven games, but then fell victim to a handful of one-goal losses. The Engineers went into the NEW-S Tournament as the fourth seed, where they defeated Wheaton College, 4-2 and then lost to Babson College, also by a score of 4-2.

Co-captain Emily Brown was named to the NEW-S All-Conference team for her defensive skills, while co-captain Becky Hill was named NEW-S Conference Player of the Year, for her team-leading scoring performance. Hill was also the team’s first women’s soccer player to be selected to the regional All-America team.

1994 Softball
Record: 12-6
Captains: Dionne Chapman ‘94 and Colleen Kaiser ‘94
Most Valuable Player: Kaiser
Four-Year Letter Winners: Chapman, Kaiser
Colleen Kaiser, who pitched all 18 games, proved to be an invaluable contributor to the team. Delivering a 2.66 pitching performance and a batting average over .450, Kaiser was named a first team NEW-S all-star. The Engineers advanced to the semifinals of the NEW-S tournament, where they lost to WPI, 3-1. WPI handed the Engineers half of their losses, as it swept the Engineers in two one-run games of a doubleheader earlier in the season. Errors were a factor in MIT’s losses. The team committed 24 errors in six losing games.

Dionne Chapman, who maintained a .375 batting average, was named to the academic All-America third team.

1994 Men’s Tennis
Record: 8-13, spring and fall
Captains: Jay Muelhoefer ‘94
Most Valuable Player: Muelhoefer
Four-Year Letter Winners: Muelhoefer, Maurice Lonzin ‘94

The netmen struggled through most of the spring, as they lost to most of their New England rivals. They were able to finish the spring on a high note by winning three of their last four matches.

Jay Muelhoefer, qualified for the NCAA Division III Championships in singles, and also was joined by Nick Tsai ‘94 for the doubles tournament. The duo reached the semifinals, which were held in the nation, and won All-America honors. Muelhoefer earned his third consecutive All-America honors.

The team that returned in the fall was less experienced, finishing 2-3 in dual meets.

MIT’s domination of the Roles New England Championship came to an end as all singles and doubles representatives lost early. MIT had always fielded a doubles champion in the tournament before Geoff Lanyon ‘94 and Dan Wang ’97 lost in straight sets to the top-seeded team from Williams College in the first round.

1994 Women’s Tennis
Record: 4-11, spring and fall
Captains: Carol Matuszaki ‘95
After a fairly successful fall season in 1993, MIT achieved their best finish in the spring of 1994. A single point was the margin of defeat in three of the four losses for MIT. At season’s end, the doubles pair of Matuszaki and Valerie Tan ‘94 was one of the best individual performances, finishing fourth in the East Region of the Intercollegiate Tennis Association.

The following fall, the Engineers finished fourth in the NEW-S Conference, with a 4-3 record, but were winless against non-conference opponents. The team placed 11th out of 27 teams at the New England Championship.
First single player Matsuizaki was voted NEW-8 Player of the Year, an impressive feat for someone who had played tennis competitively for less than three years. She achieved a regional ranking of 22nd in singles and earned the flash Fan ’95 to finish 11th in doubles. Third doubles team Lily Koo ’97 and Bobbi Kommineni ’97 joined Matsuizaki in being named to the All-New England College. The Engi-
Strong team, individual efforts highlight the year in athletics at the 'Tute

By Daniel E. Wang

The sports seasons of the past year were dominated by several strong teams and outstanding athletes. Women's sailing and women's volleyball had strong showings, as did the field hockey and men's gymnastics team. In individual achievement, 11 MIT students were named All-Americans, including Jay Muchmore '94 for his third consecutive year. Join us for this look back on the highs and lows of the past year in Institute athletics.

Baseball

Record: 15-14
Most Valuable Player: Mueller

Last spring, despite achieving their third winning record in the last five years, the Engineers were unable to return to the first time ever. The Eastern Collegiate Athletic Conference Tournament they won the previous year. The team showed improvement at the end of the season by winning seven of its last 10 games.

Two players received All-Conference honors in the Constitution Athletic Conference. Jeff Olson, with a 469 batting average in conference play, was selected to the first team, and named Baseball Scholar Athlete of the Year. Pitcher Rob Lepard '95 was named to the second team All-CAC. Despite a 1-3 record in the conference action, he recorded an earned run average of 1.80.

Lepard, Brian Christensen, and Jon Gass were named to the GTE CoSIDA academic all-district second team.

Men's Basketball

Record: 7-17
Captain: Nikki Caruthers '95
Most Valuable Player: Caruthers

The hoopsters improved on two previous 5-19 seasons, finishing the '93-94 season with a 7-17 record. The Engineers could have achieved better results had point guard Caruthers not missed a few games because of an injury. Center Keith Whalen '96 highlighted individual performances, leading the team in scoring and rebounding. His efforts earned him a spot on the CAC second team.

The team did not lose anyone to graduation, and the starting lineup returned to the '94-95 season with added experience. The Engineers overcame a slow 0-3 start to finish the first semester of the '94-95 season with a 3-3 record.

Women's Basketball

Record: 10-14
Captain: Matt Casserberg '94
Most Valuable Player: Casserberg

Casserberg passed two major milestones this season. She became the second player in MIT women's basketball history to score over 1,000 career points. She later surpassed Maureen Fahey '90 to become MIT's all-time leading female scorer.

The Engineers also gained an impressive third place finish at the Catholic University Coca-Cola Classic in Washington, DC. The team rebounded from a six-point loss in the first round to capture the consolation game. Kristin Ratliff '95 and C.J. Doupe '93 were named to the all-tournament team.

The team traditionally opens the season with the Engineer Tip-Off Classic, held at home. It went into the fourth edition hoping to defend the championship gained a year ago. MIT came close, but was edged out in the final by Salve Regina University, the same team it met in the title game last year.

Men's Heavyweight Crew

Record: 3-6
Captain: Lorin Theiss '94
Most Valuable Player: Neko Gupta '94
Four-year Letter Winners: Theiss, Gupta, Dan Dunn '94

The team struggled throughout a season which featured conditions which were less than ideal for rowing. The Engineers faced strong Harvard and Princeton crews in the Cumnop Cup, and traveled to the compete in the Cochrane Cup against Dartmouth and Brown. However, they were unable to come away with a win against any of their opponents.

The highlight of the year came at the end of the '94-95 season when an MIT crew rowed to a second place finish at the Intercollegiate Rowing Association Regatta in Saratoga Springs. NY. The crew consisted of Charley Abel '97, David Spielesgel '95, Victor van Berkel '96, Dunn, and coxswain Armand Raghunathan '96.

Early in the following season, the team successfully competed in various meets. At the Head of the Ohio regatta, the Engineers won two bronze medals in the three events there. They also fielded a third-place boat at the Head of the Connecticut Regatta, and later captured five medals at a New Hampshire meet. A week later, members of the team emerged victorious in the Club Eight Division of the Head of the Charles Regatta.

The triumphant crew was Franz Basue '93, Chris Putnam '96, Jeff Tomsa '96, Adam Cotter '96, Toby Ater '96, Lorin Theiss G, John Simon '95, and Nate Crosswhite '95, with Peter Yao '95 as coxswain.

Women's Crew

Record: 1-1
Captain: Megan Jone '94
Most Valuable Player: Jone

Four-year Letter Winners: Jone

The Engineers had one of their most successful seasons ever, winning a second consecutive New England Women's Eight Championship and the Smith Cup for second-place performance in the regatta.

The team's only loss came early in the season, when rival Boston University won by a scant seven seconds. After defeating all subsequent opponents, the varsity easily captured the New-8 title, coming back of Wellesley College and second-place finisher, by 12 seconds. Similar performances by other crews earned MIT the Smith Cup.

In the fall, the team had a successful day at the Head of the Charles Regatta, followed with a victory at the MIT Invitational.

Men's Cross-Country

Record: 7-0
Captain: Jesse Darley '95
Most Valuable Player: Ethan Crain '95

Four-year Letter Winners: Darley

By Jesse Darley '95

Ethan Crain '95, the harriers qualified for the National Collegiate Athletic Association Division III national championship and ended up seventh in the competition.

Darley had worked together as a team throughout the regular season, and continued to do so at nationals. As a result, Crain finished ninth and Darley seventh. The team also earned All-America honors.

The team was consistent in its performance, with Darley being one of their standout opponents. The Engineers won the CAC Championship for the first time since 1992, putting five runners in the top seven places, and capturing the next best team by 35 points.

Darley was the individual champios of the meet, and was named to the All Conference team. Darley, Dan Helgeson '95, and Mark Hurst '95 were named to the All-CAA team.

In addition, the runners finished second at the New England Division III championship, and named Team Academic All-America for the first time ever.

Women's Cross-Country

Record: 7-2
Captain: Agnieszka Reis '95
Most Valuable Player: Janis Eisenberg '98

Four-year Letter Winners: Marjorie Delo '95, Evelyn Kao '95, Reis

The highlight of a successful season for the team was a third consecutive victory at the Engineers' cup, where MIT runners took 10 of the top 15 positions. The team also finished fourth at the UMass-Dartmouth Invitational, and was narrow edged by the host team at the Wellesley Invitational.

Janis Eisenberg, in her first season of collegiate competition, won the New England Women's Eight Championship and achieved the rare feat of being named both NCAA Runner of the Year and NEWA Rookie of the Year. She qualified for the NCAA Division III Championship, becoming the first individual, and finished 34th to gain All-American status in the first time ever. MIT woman to attain such status in cross country.

Marjorie Delo joined Eisenberg on the All-Conference team by finishing fifth at the championship.

Men's Fencing

Record: 5-14
Captain: Mark Hurst '94
Most Valuable Player: Hurst

Four-year Letter Winners: Hurst, Rene Despino '94

Sports Roundup, Page 2