Kim Wins Frosh President by Two; Other Races Close

**By Dan McGuire**

Jin S. Kim '99 was narrowly elected freshman class president following four days of Athena-based voting last week.

Kim won by 2 first-choice votes in the preferential elections, beating out 10 contenders. The vice presidential and social chair elections were similarly close.

The leading candidates were: Pouja Shukla '99 for vice president, Sabina W. Ma '99 for treasurer, Nina S. Ma '98 for secretary, Andrew R. Bankert '99 and Katherine Spade '99 for social chair, and Orli G. Bahcall '99 and Alicia Mendez '99 for publicity chair.

The turnout for the elections rose to 36.5 percent, slightly higher than last year's 35 percent.

Athena-based voting was not expected to increase participation, said Undergraduate Association Treasurer Russell S. Light '98. "In general people don't get excited about the freshman election because they don't know most of the candidates," Light said.

Many of the races were very close, "so there will be some disappointments" said UA Council Floor Leader Ashwin Vishwanathan '98.

Close seconds in elections

The rankings after the first round of the preferential voting system, based on the number of first-place votes a candidate received, gave Kim 68 votes, or 17 percent, of the 396 votes cast. That put her just ahead of her closest challenger, Charles K. Howard '99.

Shukla received 79 of the 359 first-place votes for the office of vice president, putting her 7 votes ahead of John N. Dalkin '99.

Vishwanathan attributed the closeness of the presidential and vice presidential elections to the large number of candidates fielded. Along with the eleven candidates running for president, five ran for vice president and two for treasurer.

In another close election, one vote separated the teams competing for social chair. Bankert/Spade won.

Elections, Page 16

Greek Week Activities to Promote IFC Unity, Better Public Relations

**By Shawdeé Esghlí**

Today marks the beginning of Greek Week, the annual Interfraternity Council event designed to promote unity among fraternities, sororities, and independent living groups as well as better relations with the MIT population in general.

Throughout the week, there will be many athletic, social, and educational activities. Some are open only to FSILG members, while others, including the popular Greek Week Ball on Saturday, are open to the entire campus.

The policy "is not meant to be exclusive," said IFC Vice President Jason D. Pride '97. While some events are specifically designed to promote interfraternity relations, others are intended to draw in the MIT population in general.

"The main goal is unity," said Iddo Gilion '98, IFC public relations chair. "We want to show how we can come together as a whole for a good cause."

Events start tonight

The festivities get under way this evening with the "Wing It" hot wings eating competition. This event, for FSILG members, begins at 7 p.m. on the front steps of the Student Center.

Aside from bringing together the IFC community, Greek Week organizers hope to raise money for Cambridge Family and Children's Services, a charity that assists orphans and abused children. Each FSILG will set up a contribution jar in Lobby 10 in a fundraising effort known as "jar Wars."

The group with the most money at the end of the week will get to donate the total amount raised to the charity of their choice.

The rest of the money will be donated to the Cambridge organization.

Since the majority of the cost of Greek Week is covered in the IFC budget, almost all of the proceeds will go to the charity.

In another activity, Wednesday night's "Progressive Dinners," members of the IFC community will be able to stop at participating houses for different kinds of food.

Strats Rats sponsors Versus

On Thursday, the IFC and the Student Center Committee will sponsor a Strats' Rats concert featuring the band Versus, open to the MIT community.

Half of the proceeds from the concert will go toward covering the cost of the band while the other half will go to the charity of the student organization's choosing.

New MIT Card Accesses More Services; Features Random ID Number

**By Hung Lu**

MIT and Massachusetts General Hospital are named as defendants in a lawsuit filed yesterday by relatives of brain tumor patients treated with nuclear medicine at MIT and MGH in the 1960s.

Evelyn Heinrich and Henry M. Sienkewicz filed the suit on behalf of 140 patients who underwent experimental nuclear medicine treatment that killed at least 10 of them, including Heinrich's husband and Sienkewicz's mother. The treatment was administered at MIT's Nuclear Reactor Laboratory, MGH, and at the MGH.

The suit seeks unspecified damages on behalf of the patients.

Lawsuit, Page 17

MIT Named in Lawsuit Over Radiation Deaths

For the latest news and updates, visit MIT's official website at www.mit.edu.

The Weather

Today: Rainy, cloudy, 47°F (8°C)

Tonight: Cloudy, 37°F (3°C)

Tomorrow: Cloudy, 60°F (18°C)

Details, Page 2

Insider Tips

- Class holiday moved to Rosh Hashanah. Page 9
- Bacow begins job as faculty chair. Page 9
- Sigma Kappa looking for house. Page 11
- Dole likely to speak at MIT. Page 13
- Research group puts people in virtual world. Page 14

For more information, visit MIT's official website at www.mit.edu.
Young Children Fall Victim to Urban Violence

**Los Angeles Times**

Police Saturday announced the arrests of three suspects in the shooting death of a 3-year-old girl whose killing as she rode in a car abruptly ended a month of seeming peace in a neighborhood. The suspects, whom police refused to identify, were arrested late Friday, said to be the girl's family members. The依照abc-style shooting last Sunday that resulted in the death of Stephanie Kuhns and minor gunshot wounds to her 2-year-old brother.

Meanwhile, police said a 12-year-old Whittier boy became another victim of an unprovoked attack on a motorist when he was shot in the head late Friday while riding home on a freeway after seeing a Los Angeles Dodgers game with a cousin and a friend. Richard Aragon, 12, was critically injured but was expected to recover.

Bustista, described as a model student and Roman Catholic boy dedicated to soccer, was in the front passenger seat of a car being driven by his 14-year-old cousin. A man in a yellow van opened fire from the back seat, killing Bustita.


done, Carson police said. As the van approached Bustista's car from behind its high beams, police said.

**Christopher Urges U.N. to Streamline, Restructure**

Secretary of State Warren Christopher told the 50th anniversary meeting of the U.N. General Assembly yesterday that if the world body is to retain the support of the American people, it must undertake major reform to slim down and focus "on the tasks at hand." He called for a "clean sheet of paper" as we were creating the institution anew," Christopher said as he opened the session of the year's assembly meeting to press the Clinton administration's call for a U.N. General Assembly today in Congress. The Clinton administration will have to create new, leaner structures to become less cumbersome and efficient, taking on fewer tasks and performing them more effectively for less money. He also made clear that the United States believes the member countries must stop using the United Nations as a pork barrel and source of patronage, and crack down hard on waste, fraud and corruption that provide an inviting target for the United Nations, he said. "The U.N. must direct its limited resources to the world's highest priorities, focusing on the tasks that it performs best," Christopher said. "The U.N.'s bureaucracy is too large. ... Each program must be held to a single standard — that is, it must make a tangible contribution to the freedom, security and well-being of real people in the real world." "It is time to recognize that the U.N. must direct its limited resources to the world's highest priorities, focusing on the tasks that it performs best," Christopher said. "The U.N.'s bureaucracy is too large. ... Each program must be held to a single standard — that is, it must make a tangible contribution to the freedom, security and well-being of real people in the real world.""
Hearings Suggest Ruby Ridge Tragedy Happened by Accident

By Robert L. Jackson and Ronald J. Ostrow

WASHINGTON

Three years later, with the eagle-like eyes of the government focused on the confrontation at Ruby Ridge, Idaho, local doctors say they believe that the tragedy that need never have happened.

In preparing for the hearings, the government gathered all the charges and counter-charges from both sides, the evidence collected, and the Senate hearings suggest that Ruby Ridge was not a confrontation but a tragic accident.

As Ruby Ridge is isolated homestead beside the Yellowstone River, it was by Andry Weaver, hooligan with his family, only kicked a federal agent with his boot and charges and issued bellicose warnings against agents trying to arrest him.

At the same time, the actions of federal and state law enforcement were not purely by the actions of the Weavers but by the officials' own internal criteria.

The result was distortions and exaggerations in the federal agents' view of the situation they faced, played in the role of not facing the deadly responsibility for the tragedy.

"It's clear that the people involved had some chance, some hazy information, some exaggerations in the federal agents' view of the situation they faced, played in the role of not facing the deadly responsibility for the tragedy.

For all the charges and counter-charges of the incident that was partly true and partly false, the result was distortions and exaggerations in the federal agents' view of the situation they faced, played in the role of not facing the deadly responsibility for the tragedy.

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""We're telling our members: we don't have to fall into the public trap and be forced into doing things that we don't want to do," one Democratic House staff member said Monday.

"But that argument simply did not carry weight. Instead, Democrats have been exonerated by even some of their staunchest constituents for the heavy responsibility for the tragedy and trying to frighten the elderly and score political points in the 1996 election cycle.

So congressional Democrats are about to make the Medicare reform bandwagon.

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“Jim’s Journal” Is Hardly Okay
I have never found “Jim’s Journal” amusing or enjoyable. When I first arrived at MIT, I read it regularly, in search of some glimmer of humor or artistic merit. Perhaps Jim was a sort of “Zippy”-esque commentary on the life of Everyman, or perhaps a subtle statement about the lack of content of some comic strips. Or, as I have learned, perhaps not.

After over three years of exposure to him, I’ve never found Jim any more interesting than your opinion policy or the regular SteveYounst alumni chapter classified ads.

Perhaps the space would be better used by rephrasing choice excerpts from the Encyclopaedia Britannica? I’m sure the MIT community would appreciate the change of context.

Eric J. Mumpropod ’99

Don’t Get Rid Of “Jim’s Journal”

I am writing in response to the recent letter to the editor by Christopher E. Buchman ’94 (“Teck’s Painting of Jim’s Journal.” Excessive,” Sept. 15) criticizing “Jim’s Journal.”

Please do not get rid of Jim. I enjoy “Jim’s Journal” very much; it is wry, poignant, ordinary, humorous, cute, and funny. And those are the adjectives I can come up with in thirty seconds. I can think of more, especially when I am reading “Jim’s Journal.” Jim draws the best cartoon cat of any of the strips, including Bill the Cat. But I never think of Jim’s Journal as a mere cartoon — it’s more than that. I find it oddly comforting. Please don’t even consider dropping it.

Therese Z. Henderson
Energy Laboratory

Opinion Policy

Editorials, printed in a distinctive format, are the official opinions of The Tech. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editor, and opinion editors. Dissents, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

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

Letters to the editor are welcome. They must be typed, double-spaced and addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be emailed to letters@the-tech.mit.edu. All submissions are due by 4:30 p.m. two days before the date of publication.

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

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The Tech’s telephone number is (617) 253-1541. Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: editing@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, arts@the-tech.mit.edu, pographics@the-tech.mit.edu (circulation department). For other matters, send mail to general@the-tech.mit.edu and it will be directed to the appropriate person.
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An equal opportunity employer
THE ARTS

Insulting Hackers wrongly typifies Internet heroes

HACKERS
Directed by Iain Softley.
Written by Rafael Moreu.
Starring Johnny Lee Miller, Angelina Jolie,
Fisher Stevens, and Lorraine Bracco.
Sony Copley Place.

By A. Arif Husain
ASSOCIATE NEWS EDITOR

It's not uncommon for filmmakers to take advantage of audiences' fascination with stereotyped groups. Films like Backdraft or Top Gun take us inside the lives of select groups which may never cross our paths. Often, these pictures hope to glorify or venerate such groups. To this end, Hackers is director Iain Softley's latest contribution.

Exploring the world of the hacker (defined in the American Heritage Dictionary as a "computer buff"), we follow the life of Dade Murphy (Johnny Lee Miller) who establishes himself among the elite, frenetic computer-literate subculture by crashing 1,407 Wall street computers at the age of 11. Barred from using electronics until his 18th birthday, we rejoin Dade as he moves with his job-seeking single mother to New York. Here, his technical expertise quickly land him in high standing with the local crew. The plot eventually develops into a struggle between the young hackers and the existent corporate computer system administrator known as "The Plague." Played by Fisher Stevens, this villain plants a destructive computer virus, for which the youths are blamed.

In the face of danger, the hackers are propelled together, throttled by a developing romantic rivalry between Dade and the slick and wild Kate Libby (Angelina Jolie). The conflict between the two, which develops in a series of technical pranks, supports a few amusing skirmishes but was boring and typical. Likewise, the whole framing plot seemed contrived and dissingenuous. We follow along a path designed solely to accommodate the characters, who are to enlighten our knowledge of "hacking."

Unfortunately, Softley failed to recognize the psychedelic rebel punk in search of knowledge and conquest on the global infobahn. In effect, it is a complete fabrication within itself. To fill in the gaps, mathematical formulas swirl in multi-color, computer screens fill with textual garbage and an immeasurable array of technical perverse ideocynсыses. The characters often misuse jargon, and stress flashy catchwords which have little meaning without context. Like mystified children, we are expected to be turned on by these images and phrases, and we are expected to overlook their irrelevance.

Personally I was annoyed and insulted. Apparently either someone forgot to do his homework, or thought we wouldn't notice. Softley set out to expose the secret realms of the computer hacker. Instead he created a wholly insulting piece of work, which relies on fluffed-up hype.

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DEADLINE: SEPTEMBER 29, 1995
Even with good rip-offs, UKJ is out of touch with times

UGLY KID JOE

Menace to Sobriety

Released by Mercury Records.

By Rob Wagner

ugly kid joe is fighting not to be stuck in the ranks of Stryper, Cinderella, Ratt, and The未来风格和声音。除了几首慢歌外，Ugly Kid Joe 的最新专辑 Menace to Sobriety，实际上相当不错。

Menace is sometimes reminiscent of Spinal Tap for its depiction of Guns 'N' Roses, and sometimes resembles the style of late 80s-early 90s rock. A bit cheesy at times, the group generally has a crunching sound with consistently good, also-crunching vocals by Whit Crane.

On a few songs, Ugly Kid Joe hits the formula they found had worked for their debut album, Ugly Kid Joe, which is a decent release. But this album, likely doomed by the record industry, is a decent one and a half. The group, however, included a few slow tracks, in an attempt to sell out their original sound, apparently to get a single, analogous to "November Rain" by GNR. "Cloudy Skies" and "Candle Song" are both reeking of pastel for destruction by Guns 'N' Roses, and are actually very good. One can tolerate and perhaps not mind listening to them. Songs such as "God" and "Clover" follow in this style. "Oompah," however, is intolerably annoying.

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LEHMAN BROTHERS
Holiday Scheduled to Balance

By Daniel C. Stevenson

Yesterday's class holiday, originally scheduled for last Monday, was moved by the faculty last fall to coincide with the Jewish holiday of Rosh Hashanah.

The reason for the holiday is to balance the number of Tuesday-Thursday classes with the number of Monday-Wednesday-Friday classes, according to Irena J. Romano, assistant to the registrar.

This holiday occurs in five of the seven possible calendars, depending on the placement of Labor Day, Romano said. The calendar schedules school to begin after Labor Day, which traditionally falls on the first Monday in September. For years in which Labor Day comes early in the month, the Institute calendar will include the holiday. This is the second academic year under the new calendar approved by the faculty in the spring of 1993.

Next fall will also have a class holiday, Romano said, on Sept. 23, which coincides with the Jewish holiday of Yom Kippur. Rosh Hashanah is on Sept. 14 next year.

Last November, the faculty approved a motion to move this year's holiday forward one week. In April, they approved a motion to allow the registrar to set the date for the holiday, in consultation with the Faculty Policy Committee.

Bacow Begins Faculty Chair Job

By Felicia Hu

Bacow succeeds outgoing chair Professor of Physics Robert L. Jaffe.

As faculty chair, he serves as the chair of the Faculty Policy Committee. Jaffe, chair of the faculty at the beginning of the academic year, will face in the coming year.

In addition, he appoints the chairs of the various standing com-

The original placement of the holiday was "somewhat arbitrary," wrote Professor of Physics Robert L. Jaffe, chair of the faculty at the time, in a Nov. 9 letter explaining the Faculty Policy Committee's recommendations on the change.

Jaffe, Registrar David S. Wiley '61, and President Charles M. Vest received several suggestions to move the holiday one week forward to coincide with the Jewish holiday. Jaffe said last fall.

Jaffe said the FPC unanimously agreed that "the best resolution for this situation would be to give the Registrar the authority to establish, with advice from the FPC, the specific date of the Monday holiday."

However, the members of the faculty "are not reluctant to voice their opinions when they think the administration has taken actions which are not in the best interests of MIT," he said.

Bacow received his MIT degree in 1977. He also received a law and a doctorate degree from Harvard University. He joined the MIT faculty in 1977. In addition to his new responsibilities as faculty chair, he teaches a graduate course and a freshman seminar.

The Council for the Arts at MIT is proud to provide FREE TICKETS to August Wilson's Seven Guitars

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invites MIT undergraduates to explore the many opportunities for professional growth within the firm.

Thursday, October 5, 1995
Opportunities in the Investment Banking Division
8:00 p.m., Building 4, Room 163
Casual dress.

Wednesday, October 11, 1995
Opportunities in Fixed Income Sales & Trading
6:00 p.m., Building 4, Room 231
Casual dress.

Tuesday, November 14, 1995
Opportunities in the Information Technology Department
7:00 p.m., Building 4, Room 149
Casual dress.

(Internship opportunities are also available.)

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The next issue of the Graduate Student News is going to be published Nov. 15th.

Please send all submissions either by email to gsc-secretary@mit.edu or on disk to 50-222. Submissions must be received by Oct. 25th.

The re-engineering of Student Services will impact everyone at MIT including grad students.
Stay informed about what is changing, what could change, and what won’t change.
Check out the web!
They (find out who “they” are) are also looking for your input! Check it out!

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For more info., email gsc-vice-president@mit.edu
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Send email to gsc-secretary@mit.edu ASAP!

The next meetings:
Orientation follow up
Sept. 26, 5:30
Graduate Student News
Sept. 27, 5:30
General
Oct. 4, 5:30

Free Grocery Shuttle provided by the GSC and Star Market.
Add yourself to the grocery shuttle mailing list for schedule updates and information about possible new 9 AM Sat. runs and week night runs.

Athena% blanche gocshut -a username

All Graduate Students are invited to all our meetings. Most are held at 5:30pm in 50-222 and dinner is served.

Stay informed about all our events! Check out our web page http://www.mit.edu:8001/activities/gsc/gsc.html
Add yourself to our mailing list by sending email to gsc-request@mit.edu
Questions, comments, ideas? Give us a call at 3-2195 or send email to gsc-admin@mit.edu

The Perks and Benies

Theirs.
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September 26, 1995

Negotiations Begin for Two Properties for Sigma Kappa

By A. Arif Humaan
ASSOCIATE NEWS EDITOR

Preliminary negotiations on the purchase of two properties to house the Sigma Kappa sorority have begun. Zoning difficulties have slowed down progress, but SK is expecting to move students by the fall of 1997, said SK President Christine A. Ho '95.

The properties under consideration are 480 and 482 Commonwealth Ave., located near the Alpha Chi Omega house in Kenmore Square. The exact properties to house the sorority have not been available, but market values for the property, which the sorority wants to purchase, are around a million dollars, said Director of Special Services Stephen D. Immelman.

Efforts are currently concentrated on the larger property, which can house approximately 30, with the hope that the adjacent building may be used as a dormitory.

Since residents will be responsible for operating costs, it will be most cost-effective to acquire both so that fixed costs can be distributed, Immelman said.

The pair should be able to house between 40 and 50.

"There's a lot of bureaucracy that has to run its course before we know exactly where we are in terms of making [the properties] a sorority house," Assistant Dean and Adviser to Fraternities, Sororities, and Independent Living Groups Neal H. Dorow said.

The negotiations were prompted by growing need to accommodate rising numbers of female students. With 118 members, SK is the largest sorority on campus.

"MIT didn't realize that sororities want housing. Now, that they know, the real estate office is actively looking," Ho said.

After the purchase, SK will borrow funds to cover renovation costs. Low-interest loans are available through the Institute's Independent Residence Development Fund. In the past, Alpha Phi borrowed just over $1 million for its house, and AXO borrowed nearly $800,000, Immelman said. SK renovation costs are expected to be in the same range.

Ashdown placement successful


Resident have been surprised at how smoothly things have worked out, Ho said. "We love it. We all get to live together; that's never happened before."

TK will keep its spots in Ashdown until the end of next year while purchase and renovations of a house are completed. At that point, no members will be allowed to move into Ashdown, although those already housed will not be forced to move out, Ho said.

Kappa Alpha Theta next in line

The sororities are given preference for housing based on their founding dates. Kappa Alpha Theta was founded fourth, and will be considered for housing after SK negotiations are complete, R.A. President Lara J. Ivey '95 said.

"We're looking for a house in the Back Bay for about 30 people. Hopefully we'll be housed in two years," Ivey said.

ASSOCIATE NEWS EDITOR

Many Cambridge residents, Including these children relaxing in their wagon, attended the Central Square World's Fair on Sunday.

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Austin, Texas-based Crystal Semiconductor designs mixed-signal integrated circuits, specializing in SMARTanalogy™ technology. Crystal recruiters will be at MIT to meet top [GPA 3.5+] EE and computer science grads-to-be tomorrow, September 27, at a reception in room 4149 from 6:00-7:30. We'll be back for the Career Fair on October 13 at the Dupont Athletic Center from 10:00-4:00. After that, we'll conduct on-campus interviews on October 17 & 18 at the Office of Career Services. If you can't make any of these dates, we'll also take resumes by fax, email or snail mail (U.S. Postal Service).

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Wednesday, September 27, 1995
6:00 p.m.
MIT Faculty Club
Main Dining Room East and West
Dole Likely to Speak For Republicans Club

MIT College Republicans Club founders Ricardo A. Egozque '96 and Gary M. Rubman '96

By Orr G. Bahcall

Republican presidential candidate Sen. Bob Dole (R-Kan.) is expected to speak at MIT near the end of the semester, according to MIT College Republicans Club President Gary M. Rubman '96.

The Republicans Club wants "to get people excited by big names" in order to "get people to come out and listen to us," said Rubman.

Over the next week, a firm date will be set for the visit, which will likely include a speech and a fundraiser, Rubman said. The club has a letter from Dole's campaign expressing the candidate's interest in appearing at MIT.

The club was formed last April in response to a protest of House Republicans' "Contract with America." The club has also invited Speaker of the House Newt Gingrich (R-Ga.).

Gingrich could have visited MIT during his book tour three weeks ago, but MIT was not in session and the visit was postponed, Rubman said.

An Institute appearance will be considered for Gingrich's next tour, next semester, he said.

Speeches to promote interests

"Most people at MIT just don't really care about politics and what information they do hear is often one-sided," Rubman said.

"We want to expose students to some of the leaders of the U.S., so that they can make educated (political) decisions," Rubman said.

Candidate speeches are chances for MIT students to learn more about politics and "a way to find people interested in politics and who possibly will help out with next year's campaign," he said.

The club has also invited Massachusetts Reps. Peter S. Torkildsen and Peter Blute.

Other possible speakers include former Vice President Dan Quayle, former White House Chief of Staff John H. Sununu '61, Supreme Court Justice Clarence Thomas, and Governor William F. Weld.

EVEN WITH AN AIR BAG, YOU'RE NOT COMPLETELY COVERED.

This space donated by The Tech
Researchers at the Media Lab are creating a computer system that replicates a user's body in a virtual world, including a hamster and a dog that understands spoken commands. The Artificial Life Interactive Video Environment system is being used to develop a virtual aerobics instructor, which, when complete, will be able to provide accurate, instantaneous feedback on body position and movement for simple aerobic exercises.

ALIVE uses the latest in pattern recognition and artificial intelligence technology to immerse the user in an augmented reality that combines both real and virtual elements. "Computers, as they are, are deaf, dumb and blind," explained Associate Professor of Media Arts and Sciences Alex P. Pentland, who heads the Vision and Modeling group, one of two Media Lab groups working on the project. "Humans and computers "live in separate worlds. ALIVE brings those two worlds closer together, by allowing computers to understand human input on a more human level," Pentland said.

Using only the flat image provided by a normal video camera, ALIVE can detect the position and movements of a person using the video. The program can then add other subjects, with which the user may interact, to the computer environment.

The Artificial Life Interactive Video Environment system is also being used to develop a virtual aero-...
September 26, 1995

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Steven M. Brunelli '96 pitches against Bentley College Saturday afternoon. MIT lost, 4-3.
Greek Week, from Page 1

President Considers Carnival Elections, from Page 1

Freshman President

will be donated to charity, Pride said. On Friday afternoon, students can compete against each other in events such as human foosball, sumo wrestling, and volleyball in the Greek Olympiad. The Greek Week activities continue on Saturday with a leadership symposium that includes a series of workshops and speakers who will address general leadership issues. The Greek Week Ball on Saturday night wraps up this year's festivities. The ball is open to everyone and will feature music from a DJ, dancing, and refreshments.

Kim, who was active in her high school government and was the president of her school's National Business Leaders of America chapter, said that she will deal with issues this year "one by one". "I'll make my policy as things come to me," she said. "I talked to upperclassmen and freshmen and the consensus was that we hadn't been here long enough to know what we have to do."

Kim is considering a "class carnival where we can raise money for the community" and allow members of the freshman class to get to know one another.

Some of the other candidates who weren't elected have already emailed me wanting to know they can do to help," she said.

Nomination to the MIT Corporation for Final Year Students and Recent Graduates (1994, 1995, 1996 Graduates)

DUE DATE: NOVEMBER 3, 1995

Nominee: __________________________ Degree: __________ Year: __________

Address: __________________________ Phone: __________ (h)

Phone: __________ (w)

Please briefly state why you have chosen to nominate this individual (self-nominations welcome). Any additional information you can provide (relevant activities, references, etc.) is also welcome:

Your Name: __________________________ MIT Affiliation __________________________

Address: __________________________ Phone: __________ (h)

Phone: __________ (w)

Please forward nominations to Kathleen Cragin Gailitis, Room 10-110 or k.cragin@mitvrc.mcc mit.edu no later than Nov. 3. Your nominee will be contacted for further information.
TREATMENT KILLED 10

Lawuit, from Page 1

and the Brookhaven National Laboratory in New York. MGH neurosurgeon William Sweet, who still practices medicine and holds an unsalaried position at Brookhaven, is charged along with two other MGH doctors, and Brookhaven with using patients as "pinups for radiation experiments that were known not to work." Sweet conducted some of his work at the MIT reactor.

Patients and families were misled, Heinrich said. She said that she and other patients' relatives were not properly informed and sometimes misled about what was being done to patients. The procedure used to treat patients, called "bone marrow cap- ture therapy," involved "excruciating pain" and did not succeed in pro- ducing the lives of patients, Heinrich said.

A procedure consisted of surgery coupled with injections of a bone marrow and exposure to a low-energy beam of neutrons, led to death. The patients treated suffered from highly malignant tumors like glioblastoma and melanoma.

Heinrich said that her husband, George Heinrich, was treated at MIT in 1960, just after the procedure after the issue in his brain was burned from the nuclear treatment. The treatment he received was administered, Heinrich said.

James White, another neurosurgeon at MGH, warned Sweet that it could be "unbelievable, inconceiv- able to go to the reactor to treat patients," but Sweet proceeded with the treatment anyway, Heinrich said.

"I hold the government responsi- bility," for the government license the nuclear reactors, she said. "But MIT was the recipient of funds awarded under the defense contract, the eventually led to death, and that's a nightmare," she said. "I don't think the suit, said Vice President and Dean for Research David Litster. "MIT is prepared to defend itself.

MIT begins new tests

Last year, work began on testing a new potential brain cancer treatment using bone marrow capture therapy at the Nuclear Reactor Laboratory based on the tests done during the 1950s and 1960s. The study, which is its first phase, was mandated by the U.S. Food and Drug Administration to demonstrate that the treatment will not cause harm, Bernard said.

The new tests are completely different from the old ones, Bernard said. "But we've built on what [Sweet] learned," Bernard said.

The standard for safety that Sweet used in his tests were in accordance with regulations at the time, Bernard said. "I don't think the treatment is not harmful, Bernard said. THE TECH Page 17

MIT students:
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PAIN KILLER.

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The current tests also use a better beam that increases the treat- ment's efficiency, Bernard said. The tests during the 1960s were not as effective.

Testing is being conducted at MIT and at Brookhaven. So far, three people have participated in tests at MIT, and a fourth is slated to start today, Bernard said. All three "are doing fine at the moment, but they're all terminal, and that doesn't change."

Around 10 people have partici- pated at Brookhaven, two of whom have died, although their deaths were unrelated to the test, Villamil said.

Two of the people who have participated in tests at MIT have shown regression of their tumors, but the tests are intended not as therapy but as a way of showing that the treatment is not harmful, Bernard said.

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By H. Ayala

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