MIT to aid grades K-12
Faculty advocate better math, science education

By Janice You
MIT’s strength in science and technology should be used to encourage young Americans to pursue math and science professions and foster technical literacy, according to Ronald M. Laskin, chair of the Council on Primary and Secondary Education. At Wednesday’s faculty meeting, the council made specific recommendations intended to increase MIT’s role in improving math and science education in grades K-12.

Laskin said the council believes that problems plaguing American education are deeply rooted in American culture. "Avidly pursue systematic American educational problems are rooted in America’s cultural values, mass social and demographic changes and global economic trends," he said.

The council recommended that MIT gather a committee of university presidents as leaders of government, business and religious organizations to discuss the importance of math and science education. In particular, the president called for MIT to work with the National Science Foundation to develop a comprehensive curriculum that includes computer science and mathematics.

The council recommended that MIT support the National Science Foundation’s proposal to develop a comprehensive curriculum for mathematics and computer science. It also recommended that MIT support the development of a national network of computer science and mathematics education centers.

Finally, the council said an advisory committee should be created to assume primary responsibility for implementing the council’s recommendations. Laskin said.

A most moving for the Arts
Ellen T. Harris expressed concern that only truly successful schools will have the resources to take advantage of MIT’s programs, while schools with problems would be left out in the cold. Those schools which have the organization and resources to take advantage of MIT’s help will most likely be those that are already "successful schools," she said.

This situation will only exacerbate the overwhelming gap between more successful schools.

(Please turn to page 2)

Two workers found dead in parking lot

By Dave Watt
Two employees of Lincoln Laboratory died Wednesday after they were found outside and in the basement of a van located in the laboratory’s parking lot. Although a task force was formed in the investigation, the cause of their deaths has not yet been determined.

Stephan J. Goode, 34, and Daniel J. LeFave, 29, both worked as electricians at the laboratory. They were taken to two different hospitals, where both were pronounced dead.

Nitrous oxide, more commonly known as laughing gas, is an anesthetic often abused as a recreational intoxicant. In large doses, it can cause unconsciousness or death.

Amitadarat said that the workers were not the victims of a crime.

(Please turn to page 11)

Bursars switches to NC bank

By Alice Gilchrist
Payment to student and parent accounts now are sent to the new Bursar’s Office, according to Culliton.

The new Bursar’s Office will also work with the Bursar, Associate Treasurer James J. Culliton, to ensure proper payment to students. The new Bursar’s Office will also be responsible for ensuring proper payment to students.

(Please turn to page 7)

Task force recommends health service reform

By Lakshman Rao
A task force on the health of MIT students has recommended broad changes in available health services. Task force recommendations address the issues of waiting time for student appointments, physical persons for students, health education and penalties for missed appointments.

The recommendations are currently under serious consideration by the Medical Department, said Mark A. Goldstein, chief of pediatrics and student health services and chairman of the task force.

The task force, appointed by Director of Medical Services Arnold N. Weinberger during the summer of 1990, consisted of six Medical Department doctors. The task force met several times during the fall of 1990 and submitted its final report in March 1991.

"Student representatives from the Undergraduate Association and the Graduate Student Council were invited to some of the meetings of the task force. The student representatives responded by the medical surveys conducted by the CSC and UA [during the fall of 1990] were also used to arrive at the final recommendations," Goldstein said.

The CSC/UA medical survey solicited comments from students and parents about the services offered through a questionnaire distributed on Registration Day Fall in 1990. The survey indicated that some students were unable to book a scheduled appointment, that doctors have more often to students, inconvenient hours of operation and the severe penalties for missed appointments. The survey also asked for two female medical fellows from the Division of Ad- mishful, Medical of Children’s Hospital, Boston, worked out two new final appointments.

Provisions made for additional appointments
Goldstein said that the Medical Department has made arrangements for two female medical fellows from the Division of Ad-

(MIT Community Players put on a delightful Christmas Room, Page 7)
MIT to act on education

(Continued from page 1) and that the faculty may have to act, Harris said.

Statistics on women and underrepresented minorities

In other business, Institute Professor Emeritus Herman Feshbach '42 reported statistics on the number of women and underrepresented minority undergraduates and graduates, showing trends from 1970 onward.

Feshbach disclosed statistics on the number of women, Hispanic-American and African-American scholars who were awarded undergraduate degrees, master's degrees, doctorates and post-doctorates, and who ultimately got jobs in the United States in the life sciences, physical sciences and engineering fields.

Currently, programs to encourage women and underrepresented minority professors are under-funded, Feshbach said. Two initiatives in this area are the recruitment of senior professors and one initiative to recruit an underrepresented minority professor are currently underway, Feshbach said.

Though there is money available to invite visiting female and minority professors to MIT, Feshbach said it "has not been inundated with interest" from department heads wanting to use this money. He stressed the need for all faculty to be "active scout leaders." MacVicar death moored

Chairman of the Corporation and former President Paul E. Gray '54 read a faculty resolution on the death of Professor Margaret L. A. MacVicar '65 and held a moment of silence. The resolution also listed MacVicar's many lifetime achievements.

The faculty also approved a motion to abolish the May faculty meeting, during which degrees for that year are approved. In stead, a separate faculty committee will review upper degree and notify the faculty head and President Charles M. Vest if there are any exceptional cases that might require an examination and vote by the entire faculty.

Med center reform proposed

Each student a personal physician

"We feel very strongly that your best medical care is done when you have a personal physician whom you see from time to time, as opposed to someone you see from person to person. To facili-
tate this, we have made at least one appointment available to every doctor every morning available for visits by their assigned students," Goldstein said.

Extended appointment hours recommended

The faculty also recommended that MIT health services be made available to students from 5 pm to 7 pm for several days during the week. "We recognize that this is an important point and requires some serious consideration. It requires restructuring of operations so that all the staff and facilities are available around extended hours. This is a very possible visibility in the future," Goldstein said.

Goldstein defended the present policy of finding students $20 for missed appointments, saying that it was designed to teach students responsibility. Goldstein noted that they have found that if students call ahead of time and cancel their appointment, and said he feels that the system can improve under these rules.

Goldstein also admitted that some waiting for doctors after the appointment time is inevitable due to unpredictable emergencies and delays with previous patients.

New feedback mechanism considered

Goldstein strongly favors the creation of an ongoing Institute committee with the task of regularly discussing MIT medical services. Such a committee would augment the current feedback system, which requires students to meet with the patient advocate physician or lodging a formal complaint with the Medical Director. Goldstein said the committee would comprise both students and representatives from the Medical Department. "I would be willing to pursue this and see what students think about it," he said.

The Medical Department is also responsible for improving health education on campus and is seriously considering increasing student involvement in this endeavor. "There is a tremendous scope of students getting directly involved in this activity. At the University of California at Berkeley, one literally sees hundreds of students teaching and acting as resource persons in this area. There is no reason as to why we cannot do that here," Goldstein said.

Med center plans to act on education

The international students' office and the Medical Department are making special efforts to overcome communication barriers between international students and their service providers.

Goldstein and International Student Advisor Mileden "Miki" Markow said next week’s sensitivity sessions for the medical staff to help them understand the special concerns of international students.

"These are awareness sessions that educate the participants about the cultural differences, the differences in voice inflection, foreign students” special body language, etc. we conduct-
ed a few such sessions last spring, which were attended mainly by the administrative staff of the Medical Department," Levak said. Currently there are no plans to increase the above program, he added.

Technical Opportunities at First Boston

First Boston, a major international investment bank, headquartered in New York City, will be conducting on-campus interviews at MIT for the Technical Associate Program. We are looking for seniors with analytical and computer skills who want exposure to the world of finance.

First Boston uses the latest advances in hardware and software technology to create systems crucial to our success in the financial marketplace. If you are interested in helping shape the future of Wall Street through technology, this program will be of interest to you.

We will be recruiting on campus for full position on the above program.

Volunteer Opportunities

Friends of the Elderly

A Friends of the Elderly seeks volunteers to help out during Thanksgiving. Sign up the joy of the holiday with someone who would otherwise spend it alone.

Contact Tim at 336-2044.

Crafts at the Castle

Family Service Group of Greater Boston, a human service agency serving the Boston area for over 150 years, is sponsoring its sixth annual crafts exhibition and benefit sale. December 6-7. Displays feature ceramics, jewelry, textiles, glass and more. Volunteers are needed anytime December 6-8 to help sell admis-
sions, raffle tickets, handmade, wrap packages and gifts and raffle and holiday cards, but would be most helpful one night, Thursday, December 5 between 8 a.m. and 2 p.m. Volunteers will receive free tickets to the sale. For information, contact Caroline Greenman at 852-
6400 x560.

Santa’s Kitchen

Santa’s Kitchen is the holiday fund-raising project of Friends of the El-

ders, a volunteer organization of people and organizations who set food and/or clothes for hungry children. Volunteers are needed anytime to help with food or clothing donation. All food and clothing for the drive will be delivered to Santa’s Kitchen by December 24.

For more information, call 517-4196.

Compiled by the Public Service Center, cm. 3-125, ext. 3-0742
Shamir refuses to give up Israeli land

Israel Prime Minister Yitzhak Shamir, speaking to the Country Club of the South in Atlanta yesterday, again rejected notions of giving up former Arab lands as part of a peace settlement. He said the nation is hungry for peace but needs to protect itself against what he called surrounding "dictatorships." Shamir said Israel, if given security, would like to trade land in Malhe three months before the bombing, in which 270 people were killed.

Libyan denies involvement in bombing of Flight 303

One of two Libyans said they are checking reports in the 1988 Pan Am Flight 303 bombing said he had nothing to do with the disaster and is threatening to sue. The Libyan Arab African worker has told Radio Moscow that it is very easy to fabricate a bomb-planting charge against an airport employee. He said he left his job in Malta three months before the bombing, in which 270 people were killed.

Frenchman completes rowboat voyage across the Pacific

After four months and 22 miles of water, a French adventurer has become the second person to cross the Pacific Ocean by himself in a rowboat. Holding up the oar to his 26-foot boat, Gerard D'Aboville greeted cheering crowds as he rowed into the fishing village of Egego, New Guinea, yesterday. D'Aboville earned his journey in Japan. His boat flapped over at least 34 times, including twice this week when he was hit by 80-mile-an-hour winds and 28-foot seas off the Washington coast.

His personal physician said D'Aboville is in good health and will send some more rowing equipment after sitting in the same position for so long. D'Aboville's second row to row alone across the Pacific is sponsored by the Perrier water company in France, but this is the first time anyone has rowed the Pacific without the help of a support ship.

Egyptian selected to head UN

The UN Security Council has chosen Boutros Ghali of Egypt as the new secretary-general of the United Nations. The council was expected to decide yesterday for an Arab diplomat who has insisted it was their turn to lead the world body.

Once the 69-year-old Ghali is approved by the full General Assembly, he will take office on Jan. 1. Ghali succeeds Javier Perez de Cuellar of Peru, who announced his retirement after serving two five-year terms. Ghali is a specialist in international law who played a key role in talks that led to the 1979 Egypt-Israel peace treaty. He received 13 "yes" votes and four abstentions from the 15-member Security Council.

Ghali is the fourth to lead the most peace process while working to reform the sprawling UN bureaucracy. He is also expected to maintain the pro-Western, pro-Arabian policies of Perez de Cuellar.

Haitian boat capsized

US officials are investigating reports that as many as 135 Haitians may have died when their boat capsized Tuesday in rough seas. Cuban news organizations said at least 120 people were confirmed dead, 119 people are still missing and 60 are known to have survived.

Former hostage's trip home delayed

Thomas Sutherland's homecoming is being delayed another five to seven days. The recently freed hostage was due to leave the United States for a trip home but an overbooked flight from Miami will delay his arrival.

Democracies to aid Soviet economy through extensions, more loans

The world's richest democracies said the Soviet Union can wait to repay its $3.6 billion debt. Their lenders said they were giving the eight-month grace period on the country's crumbling economy. In addition, the democracies offered a billion-dollar line of credit to the Soviets and agreed to loan the country's $300 million debt.

Bush signs civil rights legislation amid controversy

President George Bush signed into law yesterday a $330 million civil rights legislation that will divide America "no more." The statement came as the President signed a bill yesterday that he said will "fight the evil that is racism." The new law makes it easier for members of minority groups to win lawsuits that allege hiring discrimination. The legislation, which Bush signed yesterday, also extends recent changes in voting rights, and expands the rights of women and religious minorities to collect damages.

The bill-signing came under a cloud of controversy and was boycotted by most Democrats as a result. The flap grew over a proposed presidential affirmative-action memo that would have ended government hiring preferen-ces for women and members of minority groups. After a loud protest from Democrats, the White House said the President had seen the order and was distressed by the controversy surrounding it. A new version deleted the anti-affirmative action order.

Congress may again deal with crime bill

It appears Congress is moving closer to action on a comprehensive crime bill that would require a waiting period for handgun purchases.

After more than three weeks of intestine, the Senate lifted procedural roadblocks aimed at stopping the pro-posed new gun controls yesterday. Senate Republicans had objected to the creation of a conference committee to consider a final crime package out of fear that Liberal Democrats would gut the bill of tough measures. But yesterday's action cleared the way for key House and Senate negotiators to attempt to iron out differences between versions of the bill passed earlier by each chamber.

If Congress does not take this action, full enactment will not come until the start of the presidential election year in 1996.

Besides the new gun control provision, the measure would extend the death penalty for more than 30 crimes.

Trump suggests raising some taxes of rich to help economy

Real estate developer Donald Trump urged Congress to raise taxes on the rich so they have an added incentive to invest. Trump, who announced his presidential bid yesterday, said the administration should consider a tax increase. Trump offered the prescription for the rich economy to a House Budget Committee panel. He told members that the higher the maximum income tax is, the more incentive there is for investors to pump money into industry and financial markets.

Flammable chemical car put back on track

Officials in Lawrence, Massachusetts, have managed to put a derailed tank car filled with a flammable chemical on its track. The car had been precariously poised on a curve with a pitch of more than 800 people who had been forced to evacuate because of Tuesday's de- railment have been allowed back home.

Chipman convicted in shooting death of teen

A jury in Brockton Superior Court convicted Scott Chipman of first degree murder in the shooting death of a New Bedford teen. The jury returned the verdict yesterday in connection with the death of Robyn Dubrawski of New Bedford. She died Jan. 5 in Bourne while traveling on a school bus with schoolmates to a basketball game.

Chipman was sentenced immediately to the mandatory prison term of life in prison. Chipman was also convicted of other charges, including assault and battery, assault and battery with a dangerous weapon, unlawful possession of a firearm and possession of a firearm without a license. The sentences on those charges will run concurrently with the life term.

The Quincy School Committee expelled two high school students for carrying guns

The Quincy School Committee expelled two high school students who were carrying a gun near their school. Mayor James Sheets, who is also committee chairman, said the action is permanent. Sheets refused to give another discipline decision.

Sen. Robert Bicchetti said a third student was arrested on gun charges. He said Chipman was found to be a disciplinary burden to determine if he is a special needs student. Parents, teachers and students asked that the students be expelled. Last month, two 15-year-old youths were arrested for selling one of the weapons. Neither was identified because of their age. All have been suspended from school since the incidents.

Two high school students expelled for carrying guns

Assistant District Attorney John Corbett told the jury that Chipman argued that the shooting was a random act committed by a stranger.

Forecast by Marek Zebrowski

Compiled by Sarah Keilty
Everybody loves a good book. But don't you think that two parodies of the Thistle within a week is a little much?

The Thistle hack that came out on Wednesday looked exactly like a real Thistle and everyone was fooled. The giveaway, for me at least, was the front page. A lase story about rush rule week and a lamer story about rush rules all the same, the state of the Thistle opinion page.

Wait.

I think it might actually be a real issue of the Thistle. How embarrassing. I now write this column knowing that with this crack Thistle page as a reference I will be picking it apart, word by word, and feeding it into a data bank somewhere.

I enjoyed reading the Thistle's recent analysis of The Tech's opinion pages quite a bit. I've been one of the opinion editors for nearly a year now. If I'm being judged on "sensibility" by the Thistle feels a little like having Richard Nixon chair an ethics in- 

vestigation into your work. Just wait; I'll get around to explaining what I mean by that.

The Tech's opinion pages, at least to me, have now reduced itself to writing two-and-a-half page stories about rush rules in which all of the quotes come from two sources. (Not to mention that the story is supposed to be part one of a -- a three part series and that it's beyond bearing to hear about. These folks are pouting on the poor pony.)

However, that's much more serious than an individual hand. I've been hearing about some serious problems at the Thistle. It all started last year, when two female Thistle editors called me to tell me that they had been going on in the Thistle's office. They wanted to explain why they had left that fine publication.

"Jenn Huang '90 and a friend, Josh Freeze '92, were involved with the initial establishment of the Alternative News Collective. The Collective was probably created out of necessity but it still was able to print "any piece which it considered radical, racist, classist, homophobic, or exploited prejudice or exploitative action of one person against another." An admirable ideal, but one which, apparently, didn't weigh at all on the printed page.

Huang claims that a certain member of the group began making comments to her which she considered sexist. When a member of the "-et al. (no horse. These folks are pouting on the poor pony.) Penn, says Huang, went to Wellesley to recruit women to take the place of the departed. The Thistle reports that discussions of both women's and the ANC. members began to emerge from two sources. (Not to mention that the Thistle would fight a real battle for equal rights)

Two other females in the group agreed with Huang. They claim that former Thistle editor Russel Wilson '91, while publishing their stories, stated that the Thistle is supposed to be a regular program.

Neither Huang nor Freeze could be reached for comment. The Thistle would fight a real battle for equal rights.

Next, according to Huang, Penn tried to compromise.

"He told us that the Thistle would try to be a free zone, fruitless," says Freeze. "They would not have to see the Thistle or the Thistle staff wielding their "bias," I hope this isn't just a phase of the Thistle staff of the Thistle. It's all started last year, when two female Thistle editors called me to tell me that they had been going on in the Thistle's office. They wanted to explain why they had left that fine publication.

First, Penn tried to compromise. Penn, according to Huang, wanted to make sure that the Thistle would not become too political. Penn supposed to be a non-political journal has made rude comments. I'm still stunned by the occurrence, I can't imagine that the Thistle would fight a real battle for equal rights.

Next, according to Huang, a female Thistle editor asked to leave. I'm still stunned by the occurrence, I can't imagine that the Thistle would fight a real battle for equal rights. I think it might actually be a real issue of the Thistle. How embarrassing. I now write this column knowing that with this crack Thistle page as a reference I will be picking it apart, word by word, and feeding it into a data bank somewhere.

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UN must protect Cambodia from Khmer Rouge

Column by Matthew H. Hersch

I was thirty years old in 1975 when Khmer Rouge guerrillas overran Cambodia, and at the time, the political ramifications of this power play startled me. No one in the world really liked the Khmer Rouge — they're unusual people — and when the Vietnamese overran Cambodia in 1979, we were all happy to see the wackos go.

But, as in every other malaria-infested Southeast Asian war zone, nothing is ever permanent in Cambodia. The Vietnamese, under intense international pressure, withdrew a few years ago, leaving a political mess. Several factions are now contending for power: the Vietnamese-backed dictatorship, guerrilla forces of his highness Prince Sihanouk of the royal monarchy and the heavily Chinese-backed Khmer Rouge. After lots of political jockeying, though, the groups involved have reached a settlement. The United Nations will oversee a transitional administration in Cambodia for the next 18 months, until real elections can be held. After those elections the Khmer Rouge will stream into Cambodia from base camps over the border. Certainly, the UN plans for the warring factions in Cambodia to disarm, but they probably won't, especially the Khmer Rouge. The rebels like to gamble — really — they're fun-loving people. One of their most cherished games, popularized during their assault on the Cambodian capital at Phnom Penh in 1975, involves guessing the number of swings it takes to crack a skull with a stick.

The goal of all this negotiation, to some extent, is to coax the Cambodians who fled the war zone in the 1970s and '80s into returning. Cambodian refugees, though packed into Thai border camps, won't return to their homeland until it is safe there. With four million mines littering the countryside and rebels streaming over the border, present-day Cambodia is far from secure. Sure, the UN has sent in some peacekeepers. But 37 Austrian soldiers, armed with sausages, are no match for 30,000 Khmer Rouge.

A good way to start is to seal the Cambodian border, now, before the Khmer Rouge figure out what's going on. A heavily-armed UN force patrolling the border could keep armed Khmer Rouge, optimism traders and arms dealers out, and give Cambodia time to incubate. In addition, any participation in the transitional government by the Khmer Rouge, the dictator, or other factions should be conditional on their aid in removing the mines from Cambodia. The United Nations can't and shouldn't build Cambodia's new government — the Cambodians must. The international community can, however, help keep the peace long enough for Cambodian democracy to flower.

Matthew H. Hersch, a sophomore in the Department of Physics, is an opinion editor of The Tech.

SUMMER INTERNSHIPS AND REGULAR CAREER OPPORTUNITIES FOR MIT STUDENTS AT THE DRESDNER BANK IN GERMANY

The Dresdner Bank, Germany's second largest bank and a leading player in the international banking world, is inviting MIT students with appropriate majors to apply to the bank for summer internships and for permanent positions. The unification of Germany and the opening of markets in eastern Europe have created opportunities for the bank for which it does not have enough people.

The internships and permanent positions will be in the bank's international divisions. They are involved in every branch of banking including corporate and public finance, international underwriting, and sales and trading in all its aspects (e.g. program trading, financial derivatives, interest-rate swaps, arbitrage, etc.). Like leading Wall Street firms the bank is looking for candidates with technical backgrounds as well backgrounds in economics, business, etc. The bank has an interest in mathematical modelling and in the development of new computer-based trading methodologies.

The summer internships will run from June 9 to July 31, 1992. Interns will have free accommodation in apartments provided by the bank, will have their return air fare provided, and will receive a tax-free allowance of DM 2200 (roughly $1375) for out-of-pocket living expenses. This should be enough to pay for weekend expenses and some travel in Europe afterwards.

Students interested in an internship should apply through the Careers Office, Room 12-170, by December 20. The Careers Office will collect candidates' resumes, a cover letter, and a transcript. The letter should be addressed to Mr. Dugge. The bank will pick the candidates it wishes to interview and hold interviews at MIT, probably on February 26. It will make its offers to successful candidates the same day, and will ask for a yes or no right then, if possible. Internship candidates need not have more than a smattering of German. Candidates for permanent positions should be fairly familiar with the language.

Candidates for permanent positions should write directly to Mr. Dugge. There is no fixed deadline. Training sessions for new staff start the first of each month. Appointees will receive a regular German banker's salary.

Additional information is available at the Careers Office, Room 12-170.
Harvard-Epworth United Methodist Church
1555 Massachusetts Avenue (opposite Cambridge Common)
Sundays, 9 and 11 a.m.

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MTTRA needs healthy men ages 18 to 40 for a 3-week study. Fri. PM to Sun. PM. w/ 6 follow-up visits at an FDA approved medication. Free health screen included. Call (617) 753-5655, Mon.-Fri., 9-5 (Easy access by "T" & Mass. Pkwy)

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For all of your computer needs visit the
MIT Computer Connection
Student Center Lower Level or call 253-7686
Veronica's Room worth seeing for its craftsmanship

VERONICA'S ROOM
By Ira Levin.
Directed by Lila Stromer.
Kenge Little Theatre
Nov. 15-17, 21-23, 8 pm.

By NIC KELMAN

This presentation of Ira Levin's early '80s creation by the-MIT Community Players is definitely worth seeing for its quality of craftsmanship. Director Lila Stromer has obviously put an enormous amount of thought into exactly how to present this characteristically complex Levin play. Levin is always difficult to direct as, frequently, his characters are not at all who they appear to be at first. Shifting the focus from the second half as their efforts become almost tiresome. Likewise, Andrew Oliver and Timothy Tavano do not appear quite capable of coping with the play's varying requirements of the first half; but then perform admirably in the second half, shifting the focus from the women of the group. Had the men been more subdued in the first half and the women more varied in the second, the performances in Veronica's Room would have been truly first class.

Recognition is also due to the set designer, John Savage. He decided to go with a realistic set, the only sensible choice for a Levin's plays are. However, it is his execution of this set that requires special mention. He has hung three doors from his set — one of which actually locks — and a pair of heavy shutters. The significance of this to those who have never built a set is too apparent for me to explain here. Haying anything as heavy as a door from a set requires very careful design of both the walls of the set and its supporting struts if the set is not to collapse in use. This move on Savage's part, while necessary for the story, was nevertheless very courageous. It is a shame, given the above, that the lighting was not designed with more careful attention to ambience. Kathleen McElroy's design is too harsh and too stark to complete the mood produced by the production's other elements.

Veronica's Room is definitely worth seeing for an evening's light entertainment. The play, while by no means Levin's best, is still definitive Levin and provides the complexity of a good story without the complexity of deeper issues, as his fans have come to expect. On top of this, the production is more than competent and executes the script with charm and appropriate theatricality. Overall, the play's elements come together nicely to make what is, essentially, a very good production.
Alas, the sunny skies which brought us such beautiful weather on Wednesday are but a fond memory until next April, when spring graces Boston once again.

### Burchard Scholars Program

**All MIT Juniors and Sophomores**

The 1992 Burchard Scholars Program is now accepting applications.

The Burchard Scholars Program brings together distinguished members of the faculty and promising juniors and sophomores who have demonstrated excellence in some aspect of the humanities and social sciences as well as in science or engineering. Twenty Burchard Scholars are invited to a series of dinner-seminars throughout the year to discuss topics of current research or interest introduced by faculty members, visiting scholars, and Burchard Scholars. The 1992 Program begins in February.

For information or an application, contact: Dean’s Office, School of Humanities and Social Science, E51-234 (x3-8961) or the HASS Information Office, 14N-408 (x3-4443).

**Application Deadline:** Friday, December 6, 1991

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<td>27 Nuremburg no</td>
<td>15  Moving a label</td>
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<tr>
<td>28 Nile</td>
<td>16  Important person</td>
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<tr>
<td>29 Long hair</td>
<td>17  Ancient capital</td>
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<tr>
<td>30 Religions reconcile</td>
<td>18  Ascended</td>
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<tr>
<td>31 High tide</td>
<td>19  &quot;Trivial Pursuit&quot; edition</td>
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<tr>
<td>32 Accused</td>
<td>20  Feather's partner</td>
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<td>33 Added</td>
<td>21  Vienna's river</td>
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<tr>
<td>34 Schoolroom need</td>
<td>22  Lou's partner</td>
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<td>35 Short, sleeveless garment</td>
<td>23  Religious recluse</td>
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<tr>
<td>36 Cuddle</td>
<td>24  From Lhasa</td>
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<td>37 Schoolroom need</td>
<td>25  Religious recluse</td>
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<tr>
<td>38 Cuddle</td>
<td>26  Religious recluse</td>
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<tr>
<td>39 Spark</td>
<td>27  Religious recluse</td>
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New Music Harvest celebrates work of Ned Rorem

NEW MUSIC HARVEST FESTIVAL
Music for voice and various instruments by Ned Rorem and others.
New England Conservatory, Nov. 17.

By DAVID A. SANDERS

LAST WEEKEND'S NEW MUSIC HARVEST Festival summed up its broad range of lectures, classes, and concerts culminating in a concert honoring Ned Rorem, recipient of the Boston Symphony Orchestra's Horbitt Award for distinguished composition by an American composer. The Festival featured recent compositions for chorus, Santa Fe Songs (with accompaniment from constructed instruments), and a piano concerto for Rorem, with pianist Patrick Stefan. In addition, the Festival featured an American composer. The Festival featured recent compositions for chorus, Santa Fe Songs (with accompaniment from constructed instruments), and a piano concerto for Rorem, with pianist Patrick Stefan. In addition, the Festival featured an American composer.

The music of Ned Rorem receives its impetus from poetry, predominantly American poetry. This fact dictates that the closing of this movement in recent compositions for chorus, Santa Fe Songs (with accompaniment from constructed instruments), and a piano concerto for Rorem, with pianist Patrick Stefan. In addition, the Festival featured an American composer.

The Santa Fe Songs, composed in 1990, are based on the poetry of Auden, Dickenson, Roethke, Cummings and others. In the first song, from "The Rain" of Donald Windham, we once again hear the music of the rain, but its impact is lessened by the striking similarity it bears to that heard earlier in the 1956 song. In much the same way, the song "The Apparition," by Theodore Roethke, resembles the song "Yes, I Hear Them" from the cycle heard earlier.

However, just when the listener is beginning to suspect that Rorem's musical palette is somewhat limited, the power of the framework of songs that the composer has constructed emerges, almost as if he consciously wished to dispel any doubts about his creativity. The song cycle is a palindrome, with the first eight songs repeated in reverse order in new settings (in some cases concluding verses replace the previously presented material). The ninth song of the seventeen-song cycle is not repeated.

Through his technique, the composer explicitly acknowledges the plasticity of poetic meaning. "The Apparition," when reprinted, has a completely different character from its first presentation; whereas Auden's "Stop All the Clocks" was initially a lamentation, it was transformed during the repetition into a song of irony.

In other songs of the cycle, based on the poetry of Witter Bynner, Rorem transforms the text into music in a similar fashion. In "Opus 101," the words "He not only plays/One note/But adds another note/And still the words" are conveyed by limiting the piano part to two notes—a procedure that, through their interaction with the music of the strings and the voice, produces an effect that is remarkably moving. In "Yes, I Hear Them," we hear the "steps on the stairway," but again, not through an imitation of the sound of stairs being climbed. While baritone Kurt Ollmann sang The Santa Fe Songs with accompaniment from principals of the BSO and pianist Donald St. Pierre in a straightforward and expressive American style, tenor Vincent Cole, accompanied by pianist Patrick Stephens, sang a selection of Rorem songs in a stunningly sweet voice. In "Rain in Spring," (1956) by Paul Goodman, we do not hear the raindrops but the music of the rain. In Stephen Foster's "Steal me with the Light Brown Hair," (1990) Rorem retains Foster's melody, considering it integral to the poem, but supplies it with a personal accompaniment.

In The Trio, (1969) performed by Leon Bayse (bass), Ronald Feldman (cello), and Randall Hodgkinson (piano), the flute, which dominates the first movement, may be considered a replacement for the voice. The closing of this movement includes a striking passage of rhythmic unity. The second movement returns to a dialogue of repetition between the flute and the cello, with increasingly frequent and vehement interjections of chords and singly struck high notes from the piano. The cello is featured in the first movement, while the concluding Allegro molto is recognizably constructed from four consecutive notes of the scale.

The concluding work, Poems of Love and the Rain (1963), sung dramatically by mezzo-soprano Katherine Cusimano (flute), accompanied by pianist Brian Ziegler, is a cycle of songs based on the poetry of Auden, Dickenson, Roethke, Cummings and others. In the first song, from "The Rain" of Donald Windham, we once again hear the music of the rain, but its impact is lessened by the striking similarity it bears to that heard earlier in the 1956 song. In much the same way, the song "The Apparition," by Theodore Roethke, resembles the song "Yes, I Hear Them" from the cycle heard earlier.

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Jim's Journal

I came home today around 6 p.m.

When I opened the door, Mr. Peterson shot outside really fast.

I went to get her and she cowered away from me like she was afraid for her life.

Once I got her back inside, she sat by the door and meowed.

Steve came by today.

"How's it goin', Mr. P," he said to Mr. Peterson.

She completely ignored him and walked right by.

'*Hey, Jim, guess what I did," he said, and then he told me he signed up for a sailing class.

I saw the guy from down the hall today.

He passed by me and said, "How are you today," in a really loud voice.

I said I was fine.

"Hard not to be on a day like today, eh?"

(It was a nice and sunny day today.)

Today at the copy store one of the copy machines broke down.

Hal took a look at it and said he knew what the problem was.

He stuck a pen in there and poked it around.

Everybody stood around and watched him even though it wasn't very interesting.
SO YOU’RE GOOD IN MATH

If you have a strong math aptitude and a business orientation, (math major not required) the actuarial profession offers unlimited career potential.

The Equitable, a financial giant, is one of the nation’s largest life insurance companies. As a member of our Actuarial Life Program, your skills will be developed through a series of varied job assignments and continued formal education.

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Denis W. Loring SM ’71, FSA

Vice President and Actuary

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EQUAL OPPORTUNITY EMPLOYER
Swimmers top Wheaton

By Tina Grosskopf and Jennifer Chan
The varsity women’s swim team dove into their season last week with a strong win against Wheaton College. MIT’s over-powering performance began with a win in the 200m medley relay, swum by Christina Harada ’94, Marcela Benakova ’93, Clara Yang ’95 and Ashely Kim ’95. Individual performances were also strong. Holly Oo ’95 won the 200m freestyle. Also, Clia Yang ’95 and Kristin Persons ’95 with wins in the 200m and 50m freestyle events. Jennifer Sontheke ’94 took second in the one meter diving. Upperclassmen also held their own. Karen Pflanz ’93, one of the most feared and controversial swimmers in New England, showed off her sprinting abilities with wins in the 50m freestyle and 50m butterfly. Cristiano Har- ada ’94 took control of both backstroke events and co-captain Patricia Poole ’92 took second place in the 50m butterfly. Monisha Ratnakarharoon ’93 showed the Wheaton swimmers that knee surgery won’t stop her from swimming quickly this year, as she pulled out second place in the 200m and 500m freestyle events.

MIT’s next meet is against Bowdoin College at Bowdola on Saturday. With the incoming freshmen and a new assistant coach, Maureen Travers, the team is looking forward to an exciting season.

Rugby club ends with victory

By Paul Larson
The MIT men’s rugby football club finished up its fall season with an impressive 32-0 win over Boston College Law School in seven’s competition Saturday. The game kicked off the annual intramural rugby tournament, which ended with a close 14-18 win by Phil Gamma Delta over the Ashdown House team. The club’s victory capped off a season, with an impressive 32-0 win over England. The club finished up its fall season out of a downsides included close matches with Springfield and Portland, a 31-16 defeat by Old Gold and a 2-0 loss to Dartmouth.

The B-side, or second string, team also had a highly successful season, with the high point being a 22-0 thrashing of the Harvard combined B- and C-side. The B-sides also showed a lot of character in big second half come-backs against Newport and Springfield.

In the spring, the team will travel to Philadelphia to defend the championship title they earned last year and to Scotland to take on various local teams there.

Paul Larson G is a member of the men’s rugby team.

Rifle team begins season with defeat to West Point

By, Jim Loew
Delta Upsilon raised $600 for the Big Brother Association of Boston in Sunday’s first annual DU/Reebok three-on-three basketball tournament. The tournament’s winners, Alex Virgilio ’92, Michael Duffy ’92 and Nikkil Caruthers ’93, were awarded a pair of Reebok Pumps donated by Reebok. The company also donated T-shirts for every tournament participant.

The tournament began at 9 a.m. as the twenty participating teams split up into four different brackets. Teams played a round robin format within each bracket in the preliminaries, with the top two teams from each bracket advancing to the final rounds.

Referee David Lin ’93 remarked, “I’m really surprised at the diversity of the teams who entered the tournament. There’s teams from all kinds of different groups at MIT.”

Most of the teams were made up of members of a single living group, but participation was not limited to students. Campus Police Officer Clyde “Nightower” Brown, who entered with two underclassmen, said he was playing “just for fun and a chance to win those Pumps.”

DU basketball raises money

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ATTENTION!!!!

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Do you enjoy working with people?
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You can also come to the Dean for Student Affairs Office, Room 7-133 (x3-4051) or W20-549 (x3-6777) for more information and an application.

Application deadline is January 3, 1992.