A New House student mops up after the recent rains caused flooding in several of the rooms. (Photo by Bill Codenell)

MIT to change payment plan

By Kenneth Snow and Howard Trachtman

MIT will soon change its deferred payment plan, according to Jack Frailey, Director of Student Financial Services. The new policy will probably take effect next term and will change the penalty from a fee of $50 to an undetermined monthly percentage.

Currently, MIT levies a $50 surcharge on the account of any registered student who does not completely pay his tuition bill. A student also has the option of utilizing a deferred payment plan, under which, for a $50 surcharge, he may pay his tuition in three equal installments over the course of the semester.

Revealed that the deferred payment option will be terminated is to encourage students to pay their tuition in full, other than the penalty amount for the first installment, according to Frailey. According to Frailey, a surcharge on the deferred payment plan, about 30 percent of MIT undergraduates, are getting financial aid compared to all MIT undergraduates. Frailey commented that these statistics indicate that most persons who are utilizing the deferred payment plan are probably taking advantage of the system. He noted, however, that he was very concerned about the student who chose to use the deferred payment plan because of financial limitation.

Frailey commented, "The present plan is very unfair." Those students who do not pay a small amount of their bills are penalized with a large fine.

The plan for the change originated in the Office for Student Financial Services (SSC) and MIT were to formulate a compromise plan for the development of the area that also meets city approval.

The SSC, in a letter to the Cambridge City Council, blamed MIT for the breakdown in the talks. "All parties should have come to the negotiations willing to compromise, but clearly MIT did not," the letter charged.

Asked to comment on this, Milne said, "Well, they've been doing that for years and I seldom answer their letters anymore." He added that despite the breakdown, "I think we'll be moving ahead toward something.

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Late payment plan to change

By Max Hultpriec

"The strategic nuclear forces of the Soviet Union and the United States are excessive to any rational military needs and foreseeable changes in the capability of either are not likely to be militarily useful," political science professor George W. Rathjens told the Senate Foreign Relations Committee last Monday.

After debunking the "window of vulnerability" concept of military usefulness, Rathjens, speaking on behalf of the Council for a Livable World, went on to attack the claimed benefits of President Reagan's $180 billion arms package. Reagan's military expenditure is supposed to deter an attack, to provide a negotiating position, and to impress our allies, he asserted.

According to Rathjens, nuclear weapons "deter because of the possibility of failures in crimes of command and control and of rationality, but this is a most dangerous need on which to rely. We can not expect a future without errors, and with them, nuclear weapons are likely to be used, with incalculable consequences. Thus we of the Council for a Livable World take little comfort in... reliance on nuclear weapons for deterrence."

The trouble with negotiating arms control and disarmament from a position of strength "is that we are very likely to get the new arms and induce the Soviets to accelerate their acquisition of new arms as well, without reaching any agreements for meaningful limitations and reductions," according to Rathjens.

"Would it not be better if we sought an immediate freeze on all those aspects of the competition for which we have reasonable verification capabilities - on the testing of nuclear weapons and of delivery systems, and on the production and deployment of the latter - proceeding from there to negotiations directed toward substantial disarmament?" he asked rhetorically.

"Much of the country would support such an approach immediately. Most of the rest soon would, given leadership from the White House and the Congress," he claimed.

With regard to the need to impress allies, Rathjens claimed that "to the degree that there is a problem, it is largely of our own making. We exaggerate the significance of the growth of Soviet nuclear capabilities in order to gain support for [our] prospective nuclear programs."

Rathjens continued, asserting that the emphasis on nuclear weaponry "has caused many to question our leadership and our judgment. They do so to a degree (please turn to page 3)."

Frazier added that there are two reasons for instituting the change. The first is to make the system more equitable, and the second is to increase the amount of money MIT has with which to work.

"We are not trying to maximize our gain, but simply to minimize our loss," Frazier said that he is interested in receiving students' comments on the proposed change.
Nation

Columbia fares well — After landing safely in California's Mojave Desert Saturday, the space shuttle Columbia suffered "considerably less" visible wear and tear on its second flight than on its first, according to space agency officials.

The exact mechanism of the fuel cell failure which caused the premature return of the shuttle is still being determined until the reusable spacecraft is back at the launching base. Officials reported that the shuttle would be ready for another trip in March.

US agencies differ on approach to affirmative action — The three policy-setting agencies charged with enforcing equal employment opportunities for women and minority groups under President Reagan's plan — the Equal Employment Opportunities Commission, the Justice Department and the Labor Department — have, in recent weeks, made conflicting statements which reflect disagreements in policy regarding enforcement of the program, designed to promote equal employment opportunities for women and minority groups.

Weidenbaum predicts employment peak — US unemployment may rise to a post-World War II peak of 10 percent before President Reagan's economic policies begin to work, according to the chairman of the President's Council of Economic Advisers, Martin L. Weidenbaum.

A summary of the report issued last March by the National Institute of Independent Colleges and Universities reported a 2 percent fall in freshman enrollment at private colleges and universities, citing cuts in Federal student aid as a major reason. Overall enrollments however, rose 1.1 percent at private colleges and universities, according to the 630 member-colleges returning the survey.

Rathjens attacks Reagan's plan

(continued from page 2)

that I think is not fully appreciated by the Administration," Rathjens said. "I believe a US initiative to freeze the nuclear arms race where it is, coupled with massive expenditures there is limited nuclear war. "I doubt that the apparent feasibility of a preemptive strike ..." Rathjens concluded his remarks with brief comments on the individual components of the President's weapons package. He referred to the MX as "a missile looking ahead of its time and the D-5 as a missile invented to be a missile." Rathjens explained that this change is dangerous because they increase the apparent feasibility of a limited nuclear war. "I fear that with massive expenditures there is some possibility that responsible political leaders might be persuaded, mistakenly in my view, that the balanced, controlled use of nuclear weapons would be a realistic option: one of acceptable risk. The result could be the greatest tragedy the world has ever known." For the fifteen years before he came to MIT in 1964, and again in 1979, Rathjens served in the Department of State and Defense, the Arms Control and Disarmament Agency, and the Office of the President's Science Advisor, and the Institute for Defense Analysis. He is a member of the International Institute for Strategic Studies, the American Association for the Advancement of Science, and past Chairman of the American Pugwash Committee.

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Defer changes in payment plan

The issue of deferring payment plans has been a recurring topic in recent years. It is often mentioned in discussions, but students have not really had an opportunity to comment on the proposal. Director of Student Financial Services Jack Frailey should subsequently seek input from all students, including those that believe the proposed payment plan cannot meet his other objective of treating students more equitably. If both goals are equally important, any change in the plan may seem to me that Contras is setting himself up to look like an outspoken leader of the oppressed. I think MIT students are a little too intelligent to buy that cheap ploy. I for one object to the use of the rally propaganda, a Big Lie (the notion that the Russians enjoyed missile superiority over the US when in reality they lagged woefully behind) that served intended purpose of convincing the electorate that the young Kennedy was being forced to defend himself.

To the Editor:

I am not the only one embarrassed by Arnold Contras’ letter (The Tech, November 4th, in which he praised former MIT President Jerome Wiesner for his exceptional wisdom and boldness. According to Contras (later denied by Wiesner), Wiesner had refused from applauding the Reagan Administration’s nuclear arms policy, as announced by George Bush during his brief visit here. “Even after working under the Eisenhower and Kennedy administrations for nuclear disarmament… Dr. Wiesner continues to serve the country in his remarks and positions of today,” Contras tells us. “As a community we should be truly grateful to have such a bold leader among us.”

I too applaud Dr. Wiesner’s criticism of the Reagan policy and share his horror at the likely prospects of its continuation. For this reason I endorse Contras’ position that the thousand others I stood in the snow this day to express my opposition. And I too am grateful to have Dr. Wiesner among us (despite not in the street) not only for his behavior that day but for a different reason as well. Dr. Wiesner serves us all as a living example of how even good men, scientific men, yes, even sometimes courageous and bold men, can, out of deference, in innocence, and an entanglement with power, go grievously wrong and do irreparable harm to us all. It is precisely because I share Wiesner’s present concerns that I must insist that the record be set straight. I am sure that Dr. Wiesner would agree that we should all hear from his example, not alone from the example of his actions today but from the example of his entire career.

Dr. Wiesner, as he himself would readily concede, was no champion of nuclear disarmament under Eisenhower and Kennedy, but rather an ardent arms race enthusiast. In 1969 at the Center for the Study of Democratic Institutions he himself collaborated with "our responsibility for contributing to the arms race" — meaning, more precisely, his own responsibility. (Fran-Balloniss Music: Yes? Or No?) Hill and Wang. 1969, p. 51: "When I was a little boy and first began to play with these toys, working at the MIT Radiation Laboratory," Wiesner recounted, "I believed everything I was told. I spent the 1950's working very hard on the defenses against missiles, or a variety of things, because I was told by my superiors that the Russians were ahead of us. Then I have a little later, after he had become a key science advisor to John F. Kennedy) we graduated from that to the "missile gap" which, in fact, I had helped to invent.

What was it that Dr. Wiesner had helped to invent? A new technology? No. The "missile gap" was a complete fabrication, a Big Lie (the notion that the Russians enjoyed missile superiority over the US when in reality they lagged woefully behind) that served intended purpose of convincing the electorate that the young Kennedy was being forced to defend himself.

To the Editor:

Over the past week I have been watching carefully the developments in the MacGregor House saga and would like to comment. I think that I can speak for quite a few people when I say that they whole incident appears to be a bit contrived and overblown. After reading a few of the more recent articles and letters in The Tech, I am able to draw a few conclusions:

1) One issue said that Arnold Contras objected to Sam Austin being described as "that black guy, the head of all black students", calling this a racial slur. This objection seems to be another play for sympathy in light of the recent letter in which the BSU is whining about not getting enough money from FinBoard. The Contras-MacGregor-Austin issue seems to be a little too coincidental with this article.

2) For the first time I have heard the story of one of the workers. I commend Harold Geffriner for bringing to light the other side of the story. It seems the issue was brought to an end before all the facts were out.

3) I for one object to the use of the media to manipulate the reader. It is obvious that this is what the whole issue was about. I hope I have heard the last of it.

4) Incidentally, I thought the article by Kevin Smith on the Bath Rally was accurate, relevant, and well-written. I hope to see more of the same quality journalism in the future.

Gordon Strong '85
I just misread the signals."

Protests serve many important purposes.
Dangerous Acquaintances, Marianne Faithfull on Island Records.

Pogues beware! "Dangerous" may be in the title, but the slab 'o wax ain't so punks. It doesn't rock, but it does manage to roll in style.

Marianne Faithfull's latest, Dangerous Acquaintances, is not truly a solo effort. The backing musicians make a significant contribution to this disc; they have credits on seven of the nine efforts here. Even Trafficker Steve Winwood gets in the act; he co-wrote "For Beauties Sake."

Have a love song, have another; they're small. That sums up most of this release; bitterness reflections seem to be Faithfull's strong suit. For example, "Sweetheart" is as I've got to be me tune.

The lyrics are unpresuming, but their simplicity has a beauty all their own. It's not a dance tune in any way, shape, or form. It patterns along contentedly, almost lushly; not imposing, yet hopeful that you'll stop and listen.

"Tenderness" catalogs, in its simple, moving way, the love from last to love. The upswing part is, when "passion lies down to die," it seems that the problems are only beginning. On the other hand, after listening to "Intrigue," I'm not so sure Faithfull's vocal gruffness drives this piece; giving it a sexual quality that begs for your attention.

Remember, unrequited love? God, that was a hot item with some of us when we were younger. It's written all over "Strange Dents, he becomes the kind of unimpeachable educator that children are so eager to respond to. In addition to his fierce sexual cravings, Frank has no desire to control them. When promiscuity lands him in the hospital with hepatitis, he steps away in a taxi to the nearest public men's room. It is this total lack of compassion which makes him such a likable guy. He knows how to live for the moment and do it right. That Frank can juggle all of the complexities of gay life in a straight world is a credit to his indomitable optimism. A dedicated teacher and loving "husband."

He has a normal perception of his mother, and father. His compulsive forays into debauchery do not seem representative of mainstream gay life but rather the obsessive urges of a hyperactive gay man. As we marvel at the processions of gathered flag, drag queens and S&M freaks, it becomes obvious that the illicit elements is Frank's flight from monogamy and age. This is not a general treatise on gay lifestyles any more than Looking for Mr. Goodbar was a guide to dating.

Unfortunately, the subject matter and graphical depiction of sexual acts are going to restrict the exposure of this refreshingly film. No matter what your sexual orientation is, you'll find something here that looks perverted. Women especially will be astounded by the skilful female stereotypes but, at least Ripplahadhis misogyyn outright. This movie may be repulsive in parts but I found it well worth sitting through. It has, as they say, a lot of redeeming social value. As far as moral degradation on the big screen, it doesn't hold a candle to Halloween II.

Peter Thompson

Simple and Faithfull

One, but from the receiving end. It's very, very bluesy, and it really tests the low end of Faithfull's voice — and it's not found wanting. Even the most unsympathetic listeners will concede that this cut is at least interesting.

I left the best for last, as usual: "So Sad" has all of the best features of the rest of the album. It reeks of emotion, Faithfull's vocal textures enhance the painful lyrics and there's even a beautiful piano intro. My only possible gripe is that the lyrics are problematic, although I can write it off as an attempt to create a musical number by not pinning down the vision in the words.

When I first listened to this release, I was puzzled. It didn't have any of the qualities redeeming social value. Fortunately, I found essential to good music, like clever lyrics or involved rhythmic and melodic structures, yet I didn't hesitate to listen to it again. The beauty of this album is twofold: it lies in Marianne Faithfull's moving voice and in the straightforward tunes that deal with simple, extremely powerful subject that everyone can relate to. The songs have been lovingly produced by Mark Miller Mundy, who brings out the best in the faithfill, from meaningful cracking in "So Sad" to the monotone in "Eye Communication."

Dangerous Acquaintances is for relaxing in front of the fire with a glass of wine or a close acquaintance. It's not for dancing to, and I, for one, couldn't be more pleased.

Eric A. Sola
Spanning the Years

Steeleye Span is perhaps the best-known group to bring traditional English folk songs to the masses. Their music combines traditional tunes with original compositions, creating a unique sound that has stood the test of time. Formed in the late 1960s, the group has undergone several lineup changes, but their dedication to traditional English music remains consistent. They have released numerous albums over the years, each showcasing their ability to interpret traditional songs with a modern twist. Some of their most popular songs include "Gaudy Love", "The Fog of War", and "Anchored Ship". Steeleye Span's influence on the folk and acoustic music scenes cannot be overstated, and their contributions to the genre have been widely recognized. Whether playing in intimate venues or larger concert halls, their live performances are always a treat for fans of traditional English music.
The Soul of a New Machine by Tracy Kidder

In a world where science is blamed for many of mankind's problems, it is rare to see the publication of a book which attempts to understand science rather than to decry it. It is an even more unusual event when this book deals with applied science or technology rather than "pure" science. When such a book does appear, and its publication is hailed by critics, scientists, and general readers alike, a true milestone in non-fiction science writing has been achieved. The Soul of a New Machine is such a book.

The setting is only a few miles from Cambridge—the Berkshire site of the minicomputer manufacturer Data General. The cast of characters is a group of Data General (DG) engineers, including several MIT alumni. The plot is the development of the Eagle 32-bit "supermini," a computer which will help Data General continue its phenomenal growth rate. This backdrop may not sound promising to anyone but computer engineers, but Tracy Kidder turns it into a story of interest to anyone concerned with the American workplace or the workings of "the scientific mind."

The book's framework is documentary, with occasional forays into the backgrounds of the major characters. There are several facets, however, which prove this book from being a dry account of a project in a typical computer company. Data General, since its somewhat shaky start as a sister of Digital Equipment Corporation in 1968, a point which Kidder does not ignore, has been one of the newer, younger, drier companies in a field known for its rapid changes. Though projects in all companies usually have a period of frantic work toward the end, this particular project at DG projected a feeling of panic from the start.

Another key reason for this book's success is the way in which Kidder portrays the engineers. He does much to dispel the popular myths about engineers by showing their backgrounds and their outside interests. He devotes much of his effort to project leader Tom West, who holds himself aloof from the group yet plays an integral part in it. Westborough, the Westborough site of the minicomputer manufacturer Data General, is the setting.

Kidder's biggest contribution to this book is his eye for detail. Anyone who has worked as or with an engineer in the computer industry will smile with recognition at dozens of fine points woven through the text. Kidder notes such things as the posters hanging on the engineers' walls, the computer games they play, and the pet names they ascribe to various pieces of hardware. Although this book is intended for the general public, it does contain a moderate amount of technical detail. This is primarily used to explain the motivations and actions of the engineers over the course of the project. Through the use of clever analogies, Kidder makes numerous aspects of computer engineering interesting for the layman.

In addition to its intriguing story and careful attention to detail, The Soul of a New Machine is a unique style of this book is his eye for detail. Anyone who has worked as or with an engineer in the computer industry will smile with recognition at dozens of fine points woven through the text. Kidder notes such things as the posters hanging on the engineers' walls, the computer games they play, and the pet names they ascribe to various pieces of hardware. Although this book is intended for the general public, it does contain a moderate amount of technical detail. This is primarily used to explain the motivations and actions of the engineers over the course of the project. Through the use of clever analogies, Kidder makes numerous aspects of computer engineering interesting for the layman.

In addition to its intriguing story and careful attention to detail, The Soul of a New Machine is a unique style. Kidder writes with a dry wit, his eye for detail. Anyone who has worked as or with an engineer in the computer industry will smile with recognition at dozens of fine points woven through the text. Kidder notes such things as the posters hanging on the engineers' walls, the computer games they play, and the pet names they ascribe to various pieces of hardware. Although this book is intended for the general public, it does contain a moderate amount of technical detail. This is primarily used to explain the motivations and actions of the engineers over the course of the project. Through the use of clever analogies, Kidder makes numerous aspects of computer engineering interesting for the layman.

The book raises a central question: Why would anyone but computer engineers, fresh out of college, work sixty-hour weeks for much of two years for a boss who ignores him in inadequate facilities at a company that won't acknowledge the vital nature of the project? The answer lies, in part, in the nature of the engineer himself, in his quest for order and completeness. Part of the answer also lies in the management style of Tom West. His aloofness, coupled with pep talks to his immediate subordinates, infuses the entire group with an enthusiasm that remains high for most of his group, and the project is a success. It's hard to think of any other book which even attempts to cover the same ground as this one. This may be the first book to treat engineering as a profession with any real understanding. The closest obvious comparison is to The Double Helix, the famous autobiographical account of the discovery of the structure of DNA.

The Soul of a New Machine is a unique book with many facets. It includes a good bit of computer history, and would serve as a fascinating introduction to the field. It is a real-life management case study, as well as a study of the profession of computer engineering. Most importantly, it is one of a very small class of books which help people to understand computers and to see why so many young men and women find the field a basis for a challenging career. This book should be required reading for anyone with even the slightest interest in computers, a category which includes nearly everyone at MIT.

Tom Anderson
A hundred years of continuous news service that goes to the Conomon Gallery. The Tech: 100 Years of Student Activities issues displays from student activities past and present. For details call 3-4444.

**GARAGE ART**

Artist/historian Herriot Cardin-Silver appears in a guest artist on a repetent tabulton of Now on Channel 44 at 10pm on Wednesday. The program, "Artists in the Lab," will feature some of Cardin-Silver's best-known work in art holography. For more info, call 3-4748.

The premiere of John Lindquist Photographer of the Dance will be at 11pm Sunday. A film tonight, illustrating Lindquist's relationships with his subjects, is a benefit at a Jacob's Pillow Festival and the BFYF.

** Aside:**

Fresh from its Off-Broadway run, Table Settings is playing at the Next Move Theatre Tuesday through Friday at 8pm. Call 433-5572 for more info.

The American Premiere Stage will present short plays today through November 22. Lunford Wilson's Thumps Vultures, Shiel Silverstein's The Leaf at The Fires, and Seigal & Hantz will be performed daily except for Monday. Call 491-3343 for details.

**GEOLOGICAL**

At 7:30pm on Thursday, the Cambridge Arts Council presents Let Life Be Yours: Voices of Working Women at the Cambridge Public Library on Broadway. The program will feature a slide show about the 30-minute tape and tape presentation by callings 498-9033.

An exhibition of prints by Max Klinger - not the MASP/SVCH character - will be on show at the Hanes-Reehig Museum of Art at Harvard starting tomorrow. Call 495-3217 for details.

The Lyric Stage, 54 Charles Street, is presenting Arthur Miller's drama All My Sons at 5pm Wednesday through Friday. Admission is $3.50 and up and 742-9030 to know more.

Larry Posn "poured paintings" - you know, by throwing buckets of paint at the canvas - will be on view at the MFA starting tomorrow. Call 267-8000 for information.

Nancy Granet will perform an organ recital at the Harvard University Memorial Church on Thursday at 12pm. It's free.

**TRADEMARK**

On Thursday, Composers in Red Sneakers present an evening of contemporary classical music at the Old Cambridge Baptist Church in Harvard Square. The performance will cost you $2, but it's free if you're wearing red sneakers.

The Museum of Science's newest exhibit, Mathematics: A World of Numbers - and beyond, opens tomorrow. The show features exhibits on projective geometry and minimal surfaces, as well as a Pascal machine. For details, call 732-3500.

**CHINESE MARTIAL ARTS EXHIBITION**

A Chinese Martial Arts Exhibition sponsored by MIT Chinese Student Club and Robert Landay, president of the Martial Arts Association, will take place at MIT's Kreske Auditorium, 32 Vassar Street, November 21, at 7pm. The exhibition, presented by renowned master Tang, will feature styles from the Old Chinese and the New World. Tickets will be sold at the door for $2 and $3. For more information, call 2-8141.

**Buses to Westchester County/Uppper NYC?**

Due to the demand of the buses to NYC, there is a probability that a bus could be organized to go stop at Westchester County for the fare of $35 during Thanksgiving. If you are interested in the possibility leave your name and number at the booth in booth 16 (9am-2pm) or leave a message at 3-8393 or 7-5138 for Ken Dumas.

More on the Town

The Clarence Kennedy Gallery in Cambridge presents "Exploration of a Medium: The Polaroid Collection," at exhibition of more than 150 instant photographs. For more info, call 577-5177.

New Portraits are on display at the Museum School Gallery, 230 the Fenway, through December 5. Need we say more?

Tonight, the Channel hosts New Order (formerly Joy Division) and the Del Byrnes. Doors open at 8pm; $5.50 in advance, $6.50 at the door. Be there!

**HELLO!**

The UA News appears regularly in the campus media. The Undergraduate Association uses its in a way of communicating important issues to the student body. Members opportunities for involvement and formal meeting notices will be displayed in the UA News. All items are available at the UA Office, Room 401 of the Student Center.

Space is available to campus organizations for announcements. All Underground organizations should write to UA News Editor on the Friday prior to the issues in which the announcement is to appear. Deliver all items to the UA Office, Room 401 of the Student Center.

**General Assembly Meeting**

The next General Assembly (GA) meeting of the fall term will be on Thursday, November 11, at the Massachusetts Institute of Technology, Cambridge, Massachusetts. The GA meeting will be followed by a guest speaker on the writing requirement for MIT undergraduates. A discussion on the Finance Board, and the motion concerning the Whithenside Institute. See you there!

**NATIONAL SOCIETY OF BLACK ENGINEERS**

The National Society of Black Engineers (NSBE) will be holding a general body meeting at 7pm in room 408 of the Student Center on Thursday, November 19. Also, Mr. William A. Simon of Skynight Aircraft will speak at a meeting in the Mezzanine Lounge of the Student Center on Tuesday, November 24.

**TCA TECHNOLOGY COMMUNITY ASSOCIATION**

TCA Technology Community Association is sponsoring a Grand Opening on Thursday, November 19. There will be a tour of the new facilities beginning at 7pm. For more information, call 2-8400.

**STOP BY**

The UA has many projects in the works. Please call us at any time of day and we will be glad to help you. If you have any questions about the UA, please contact John DeRouin (UAP), John Morris (UAP), Jose Ponzuto (Secretary General) or Bob Wallace (Secretary General). The UA office is located on the 4th floor of the Student Center, Room 202-401. Telephone 2-2020.
DOE cuts 1250 physicists; budget cuts "disastrous"

By Daniel Lerner

One thousand high-energy physicists and 230 nuclear physicists will have to be laid off by the Department of Energy in order to meet the twelve percent cuts in the Federal budget, according to Professor of Physics Stephan Steindam. Steindam added that "manpower levels will be reduced to levels before Sputnik." Steindam also said, "Our point is that this is a severe blow to basic research in this country. We know that reduction in research leads to a reduction in interest in the field."

Professor of Physics Lee Grodzins strongly opposed to the cuts in the Science budget: "They are disastrous. There are people utilizing budget cuts across the board with little appreciation of basic research."

According to Grodzins, the weaker laboratories might absorb the brunt of the cuts so as not to weaken the major national laboratories. Grodzins noted that this wind-down process has been going on in physics for the past thirteen years. It will take ten years to build back, although it will be ten years before the cuts "will really be felt." "Roughly speaking, they will bring us to about the same level as in '62 or '64."

Grodzins contrasted this decline in funding in physics with the phenomenal success of physics at the Institute: the number of students receiving bachelor's degrees in physics each year has remained constant. Grodzins explained that the number of physics students has not declined because "MIT is a pre-eminent technological school... Most students recognize that at the undergraduate level, physics is the most useful general science degree."

IFC: sorority

(continued from page 3) seem interested in forming a sorority despite the fact that it is a slow process. "Until we can get a house, we will have a social sorority," reported Gannon. She explained that the term "social sorority" means a sorority without a house, composed of interested girls from different dormitories. "We will throw parties and do activities together," said Gannon.

Gannon said she has received numerous calls from girls from other dormitories interested in helping to start a sorority. She said, "Word is spreading rapidly, and I don't know how...

If a sorority is formed, it is a possibility that it will be a social sorority. Gannon explained that at the undergraduate level, physics is the most useful general science degree."

(continued from page 1)
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Women's cross country team optimistic

By Julie Tiao

"In general, I was very pleased with the season," commented women's cross country coach Chris Lane. "I think that the people that showed an interest were able to carry through and experience a personal satisfaction with their progress."

MIT’s women’s cross country team successfully completed its first season on November 7th with a 31-point meet record. Co-captains Ulrika Oster ’83, and Terry Sutton ’83, both expressed satisfaction with the team’s performance.

"I felt really happy with the number of people that came out for the team," commented Sutton. "The response of the athletic department, as far as arranging meets, getting a coach and supplying equipment, was also excellent."

Eric R. Fleming

How to coach a basketball team

Ever wondered what it would be like to coach a basketball team? Ever thought you could do a better job than the best of the college or pro coaches? Does it look like fun to me!” basketball fans, it ain’t necessarily so.

Before telling the story of my coaching debut, I should say that I was not coaching a pro squad, or even a college team. My efforts were for the Burton House Occasion team in its game with Phi Delta Theta (PDT) last Monday night. Being the hoop nut I am, I offered to help out. Actually, I just went out and took charge. Boy, ain’t I?!

One thing I learned very quickly; coaching gives one gray hairs and high blood pressure, it’s a hoot. I soon found myself pacing the sidelines, kneeling down to watch in erosive breath, shouting and yelling with my head in my hands, “Oh my Lord... All I needed was a rolled up sheet of paper in my hand, and a suit, and I would’ve looked the part.

In the first half, all my animating did no good, as we, in a word, sucked. The one big man on the PDT team was free to do whatever he pleased, and did. Our offense consisted of Park Street at rush hour, and rebounding was a forgettful part of our game. Burton was down by eight. I like a good coach, I gathered the team around, and told them what I believed we had to do: Excerise control and patience on offense, "boxing out" on the defensive end of the floor, and play man-to-man defense. To neutralize our tall, lanky friend. My strategy worked (with help from the team, who plugged up other weaknesses) like a charm.

The forwards and center shut down their big man, which disrupted the PDT offense. Our defense started to click, and with some clutch play by the Burton guards in the last two minutes, we won the game by five.

We all jubilated, as it was a game we probably weren’t supposed to win. The key was the second half adjustments, which is vital to winning — the ability to react to an opponent’s strength. Though I had my voice (a disaster for a loudmouth such as I), it was well worth it. All that I can say is, "ive (O’Brien). I knew how you feel!"

The cross-country coordinators all expressed high aspirations for the future. "I was surprised that this season went as well as it did," admitted Oster. "But I’d like to see more women out — I guess that’s always the case." Lane added, "I hope that the success achieved by individuals this season will result in more people coming out next year."

Lane also disclosed his hope that the cross country team would spur more interest in women’s running in general. "I see this group as a nucleus of runners which can attract more," he decided. "I hope that this same set will find that they have an interest all year round, and eventually this could develop into an indoor track team as well."

“I think that there was a lot of spirit for such a young team,” concluded Sutton. “Judging from the attitudes of people this season, I’m optimistic about the future, and foresee growth in the program.”

Women’s PENTATHLON ’81 Results

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<th>Team</th>
<th>Basket ball</th>
<th>Volley ball</th>
<th>Water Polo</th>
<th>Soccer</th>
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