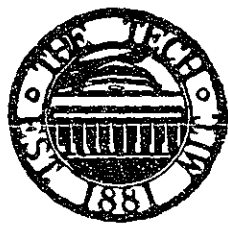


The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVII NO. 52

CAMBRIDGE, MASSACHUSETTS, TUESDAY, JANUARY 21, 1958

5 CENTS

Step In Right Direction

ROTC, Cum Votes Praised

The recent faculty vote to end the compulsory ROTC program and to delete cum ratings from reports has met with widespread approval from student government leaders. Arnold Amstutz '58, Undergraduate Association President, voiced the general agreement among students by stating, "I was glad to see a step in the right direction and I hope that even more may be accomplished in this area." Richard Coryell, UAVP, stated that the action on the cum gives undergrads greater freedom in choosing courses and allows them to work for knowledge and not for grades.

A Matter of Digits

Bob Jordan '58, IFC President, said that a three-figure cum was not accurate and the two-digit system is an improvement. He added that the new ROTC setup would allow those who are interested in the program to advance more rapidly. Those not interested could now more profitably spend their time on other subjects.

Not all were in favor of the new cum system as Don Holland '58 stated, "You now have to figure your own cum rating." However, he thought the new ROTC Program was more in the right direction.

Further Proposals

Proposals for a further reconsideration of the cum were given by Amstutz and Jordan. Amstutz suggested a program in which only a student's major subject would be marked and the rest of his curriculum would be graded by considering the number of subject hours taken. This system would not compel students to avoid "gut courses". The cum would thereby be completely dropped. Jordan proposed a plan to emphasize work and not grades by introducing a marking system of only three grades, "high pass, low pass, and failure".

Coryell spoke for various government leaders by stating, "the course of student government has been given

ad boost. The faculty are really interested in the students." Amstutz stated that the faculty largely followed the SCEP report of years ago to abolish the cum, the talk of the student finally received action.

Fraternity Averages

Bob Hecht '58, Dormcon President, stated that he was "all in favor of the new marking system but it is not feasible to further change it." Jordan wondered how the fraternity averages would now be computed. He stated it would defeat the purpose of abolishing the cum to calculate fraternity averages. The Institute compiles these averages as a service to the fraternities but is not bound to.

One Or More Reasons Are Given For The Holding Up Of Voo Doo

Much to the surprise of veteran MIT community members, who could not recall a similar case, *Voo Doo* failed to appear on its regularly scheduled publication date last Friday. Instead, the Senior Board of the campus humor magazine announced that it would appear today. The Board gave no reason for the delay.

The Man on the Street

In an attempt to shed light on the reasons for the delay, several well-informed students were interviewed. Their replies are reprinted below.

Leland E. Holloway '58: "It's a mystery to me. They've always been prompt in the past."

PUBLICATION ANNOUNCEMENT

This is the last issue of THE TECH for this term and the final number of Volume 77. The next issue of THE TECH will appear on Tuesday, February 11.

IFC Approves Parietal Resolution; Will Unify Individual Chapter Rules

Moving along in the wake of the Institute's recent drive for higher morals on campus, the IFC last Thursday passed a resolution stating parietal principles which the MIT fraternities have pledged themselves to follow.

The resolution came as the result of a careful examination of the parietal rules of each fraternity, and from a meeting of the house presidents a week before. While the range of rules for the chapters as a whole was great, they all boiled down to those incorporated in the final draft. The individual house rules have served successfully to prevent any serious incidents of this nature; this

resolution was, therefore, presented only to provide a general picture of the standards by which every MIT fraternity man should abide. The lack of such a general statement of policy in the past has led to a rather dim view of the fraternity system by certain girls' schools in the area, and it is hoped that this move will help to alleviate the situation.

The dissenting votes (it was passed 33 to 13) came from those who felt that parietal rules should not be publicized; there was no disagreement as to the content of the resolution.

When questioned concerning the possibility of more specific requirements to come, Bob Jordan '58, IFC President, stated, "If specifics are coming, they will have to come from somewhere else, not IFC."

Also included in the same IFC meeting were the questions of Institute extensions in the fraternities, and the way in which the IFC representatives to Inscomm should be elected. It was decided that the phones be installed in 21 houses, the installation cost being paid by IFC, on a three-month trial basis. A motion to elect the representatives in an IFC meeting was defeated, but, henceforth, they will be chosen through a vote in the houses themselves, rather than in a general Institute election.

The Interfraternity Conference hereby expresses the principles of conduct by which fraternity men at MIT have operated for a number of years.

(a) No fraternity permits women to be entertained in the private or common rooms of the chapter house in a manner that might adversely reflect upon their character or reputation or upon fraternity men as gentlemen.

(b) No fraternity permits women to stay overnight in the chapter house unless suitable plans have been made for their accommodation.

(c) No fraternity permits promiscuous activity in the chapter house.

The Interfraternity Conference endorses the belief that responsibility for effective parietal control can be most effectively assumed by the individual chapters; and that, therefore, individual chapters have full authority to establish such rules of conduct consistent with the above principles as will best serve the conditions present in the individual chapter.

In keeping with this conviction, the presidents of the individual chapters accept the responsibility for their fraternities under these principles.

Class Reps Dropped By Inscomm; Beaver Key Field Day Approved

In the midst of a searching examination of its aims and purposes, Institute Committee is making a serious attempt to increase its efficiency. The last two meetings of Inscomm were occupied, not only with the complaints and criticisms of the representatives, but with the passage of several measures which will have important effects on the Insti-

tute community. These included discussions of representation and Field Day.

By a clear majority, Inscomm voted to drop the positions of class representatives.

(Continued on page 3)

Board Of Directors For Volume 78 Of The Tech Is Named

Announcement of the staff and Board of Directors for Volume 78 of *The Tech* was made at the annual staff banquet last night by F. Helmut Weymar '58, retiring Chairman of the Board.

The new Board, which takes office immediately, consists of: Stephen M. Samuels of East Campus and Huntington Station, New York, Chairman; F. John McElroy of Phi Gamma Delta and Rockville Centre, New York, Managing Editor; Alberto Velaochaga of East Campus and Lima, Peru, Business Director; Stewart W. Wilson of Delta Kappa Epsilon and Penfield, New York, Editorial Director; Glen W. Zeiders, Jr. of Phi Delta Theta and Canton, Ohio, News Director; David W. Packer of Phi Gamma Delta and Des Moines, Iowa, Sports Director; and Louis R. Nelson of East Campus and Pueblo, Colorado, Photography Director.

All seven members of the new Board are Class of '59.

Retiring Board members, in addition to Weymar, are: F. William Daly '58, Murray R. Kohlman '58, Leland E. Holloway '58, and George E. Glen '59.

Invited guests at the staff banquet last night were Deans Rule and Fassett and Francis E. Wylie. Dean Rule was the principal speaker.

The Story Dante Never Dared To Tell Is Subject Of Lavish Tech Show Musical: 'Out On A Limbo'

Rehearsals are now in progress for Tech Show '58, "Out On a Limbo". As quoted by playwright and director Ellery Stone, '59, "Out On A Limbo" is a dizzy musical satire. The antics of a New York Cafe Society, a world weary engineer, his boss' excessively available daughter, the Governness-General of a penquin-ridden isle, and an existentialist witch Doctor have but one purpose—to entertain. Music, lyrics and dialogue contribute to the sole aim of Limbo—hilarity. Amongst the action are native uprisings, lavish parties of the demimonde, and the Fort Wayne Light, Lyric, and Comic Opera Company."

As in the past years the show has been completely written and produced by MIT students with the aid of talented coeds from nearby schools. This year the feminine parts have been drawn from Radcliffe, Lesley and B.U. Friday, February 28 will mark the opening night at Kresge with following performances on March 1, 7, and 8. From MIT the company will

travel to Northampton to play before an audience composed of students from Smith, Williams, and Amherst on March 15.

A number of players from last year's Tech Show will be appearing again in this year's performance. Gus Solomons '60 will play the part of the Witch Doctor with Bobbie Shane of B.U. portraying the Governness-General. The boss' daughter is Phyllis Luberg of B. U. and the world-weary engineer will be depicted by Raphael Torrens '60. Two players new to the stage this year are Elaine Beane '59, and Albo Hinckley '58 who are characters in the New York Cafe Society. Bob Slett '58, Max Govaes and Joel Bellows '61 are also featured.

Behind the scenes are Ellery Stone, playwright and director of the show, Mort Achter '59 with his music, and the lyricists Sy Moss '56 and Tom Doherty '58. Mike Intriligator '59 is general manager, aided by Bill Long '59 as business manager and Larry Horowitz '59 as production manager.



Ellery Stone '59 pacing Albo Hinckley '58 in Tech Show.

The Tech



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F. Helmut Weymar '58 Chairman
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Stephen M. Samuels '59 News Director
David W. Packer '59 Sports Director
George E. Glen '59 Photography Director

editorial

Principles

In an effort to stay one step ahead of an anticipated investigation of fraternity parietal rules by the Corporation Committee on Student Life, IFC today publishes a resolution stating "principles of conduct by which fraternity men at MIT have operated for a number of years." The three principles, which should be acceptable both to fraternity men and outsiders, are designed as a rudimentary and uniform standard according to which women are entertained within the various chapter houses.

It is unfortunate that in putting these principles on paper, IFC has, according to many fraternity men, to some extent compromised another of its basic principles. That principle being the autonomy of individual fraternities within the IFC. Let it be understood that for the far greater part of the IFC membership, the principles published today are a good deal less stringent than house rules already in existence. The resolution, however, carries overtones with which many fraternity men are not pleased. Debate over passing this resolution lasted three hours at Thursday's IFC meeting, the essence of the argument centered around whether IFC ought to take the truly precedent-breaking step of legislating the proper conduct of its erstwhile autonomous member houses.

This was the principle which hung in balance. For whether the resolution is called a code or a group of principles, it will carry the connotation of rules in most fraternity men's minds.

The leveling process marches on. Fraternities, once permitted to work their problems out for themselves (with desirable success most of the time) have now had this responsibility taken out of their hands. And there is an attendant evil. Now that all fraternities are supposed to guide their conduct according to the resolution, a violation by one house will become the problem of all. United they stand and united they fall.

Perhaps it would have turned out to be unrealistic, but IFC might have passed an entirely different resolution. Observing that the status of fraternities at MIT is wholly different from that of the dorms, the authors of such a resolution might have stood their ground and stated their belief in the long established principle of fraternity autonomy. They might have stated their faith in the standards of decency prevalent in the individual houses. They might have asserted that the principle of non-intervention is healthier and more valuable, even with its possible pitfalls, than a program of insuring from above that standards will be maintained. In short, they might have refused to back down. Perhaps, again, this might have turned out unrealistic. But at least IFC would have taken a stand. In the present resolution they have merely equivocated.

Farewell

This issue marks the end of volume LXXVII. The new board has been elected and the no small task of writing a new volume has been passed on.

It has been an eventful year for this volume. Soon after its beginning last year came the unfortunate spring riot with a record number of MIT students thrown into jail. The Baker House food strike followed quickly which proved a disconcerting point. More recently, the moral and scatological aspects of Voo Doo were questioned and decided against.

The most nationally significant event was the appointment of Dr. Killian to his Washington post. Along with the sensational Sputnik came a plea by the American public to be saved.

A record attendance was set at Kresge Auditorium for Dr. Niels Bohr's lectures on quantum physics and philosophy, while attendance at the East Campus Field Day lagged somewhat.

We noticed the lack of freshmen pants, the Sophomore Mug Lift, and the Purple Shaft, but enjoyed a boisterous old-guard Voo Doo party.

It has been an eventful year for *The Tech* also. As the first volume under a new constitution there were many problems to work out. *The Tech* expanded its offices in Walker.

On the editorial pages of this past volume there has been criticism, praise and general comments. We may not have been right in all cases but if we have made a few people think, we will not have failed.

To the Board of Directors of Volume LXXVIII we wish all good luck and say—farewell.

letters

January 19, 1958

To the Editor of *The Tech*:

Having read the Dormitory Council Report on Parietal Rules I feel that this is an excellent document expressing the will of the majority of the students.

There is one matter I wish to question—enforcement of vacation hours. The present vacation hours end at one a.m. except on the last day. I am happy to see that the report recommends no changes in this time.

During the last Christmas vacation the hours were enforced by the Dean's office in cooperation with the members of the House Committees in residence. Dean Fasset took it upon himself to reduce these hours to normal school week standards.

If the ultimate practical responsibility for enforcement is to be with the members of the House Committees, why is it turned over to the Dean in the first place? I have been informed that the student government could not guarantee that enough people would be around to handle any violations. If there is one person here to use the hours, there is one person here to enforce them. It would not take a House Committee more than 15 minutes to arrange for suitable enforcement procedures during vacations. The longest that any prosecution would have to wait is a little over two weeks—and then only at Christmas.

The Dormitory Council would be doing a great service by retaining control of the vacation open house hours so that the students it represents could have the benefits of the full hours.

Sincerely,

Otis Bryan, Jr.

review

JUILLIARD STRING QUARTET

January 19, Kresge Auditorium

PROGRAM:

Quartet in G Minor—Haydn
Quartet in C Minor—Schubert
Three Pieces for String Quartet—Stravinsky
Italian Serenade in G Major—Wolf
Fourth Quartet—Bartok

If the programming of a musical performance is generally difficult, that of a chamber concert must be doubly arduous. With the acoustic and psychological intimacy of performers and audience compromised to a concert hall performance, the original intent must be modified.

Sunday's concert by the Juilliard String Quartet may be considered as an exposition of the evolution of the string quartet. From the classical form of Haydn through the romance of Schubert, the evolution is clear. The chronological displacement of Wolf is interesting; perhaps his spirited Italian Serenade would have contributed more effectively before the Stravinsky numbers, the melodic portions indicating the classical or at least romantic relationship to Haydn and Schubert, but the non-classic progressions and indicated dissonances suggesting the numbers to follow. In this way the Stravinsky selections would not have appeared quite so abrupt and inconclusive, but would have extended the evolutionary sequence, leading to Bartok, in our own period.

In general, this was a creditable performance, technically adequate but not inspired, at least until the last number. If one dare compare a concert to an athletic contest, he might have considered this team "a bit slow to warm up to the game". The Haydn, an academic adherence to classic form, began timorously, perhaps even hesitantly, and was completed with more reserve than seemed necessary. The viola, especially, suffered from weak enunciation. The Schubert emerged, without sufficient emotional emphasis, as little more than a musical exercise. Having begun the performance almost as a shy conversation, the group appeared to become more engrossed and enthusiastic, and with the Stravinsky, approached an atmosphere of amiable discussions. However, this example of early laboratory experiments in contemporary harmonic and formatic expression left only an elementary impression. Perhaps the Wolf was most generally appealing, being a statement in the modern vernacular, built on the traditional, tenable grammar; the performance was a successful balance of proficiency, feeling and self-assurance. The Bartok, by way of evolution, was a lively conversational sparring contest, atonality and dissonance full-blown. The quartet tackled the job with much vitality and polish; enthusiasm, in fact, that made one way of a broken string or two during the Pizzicato movement. And, for all its unfamiliar sound, in form and scope it related best to the opening Haydn work, serving, more or less, to bring the program around full circle.

The appearance of this group and other recognized ones on the MIT campus, the variety and liberal range of the works performed, and the generally creditable attendance at the Humanities Series of concerts are witness to the maturation of a culturally aware community of which we can be proud and could be more aware. Those individuals whose vision and determination brought this series into being merit our grateful commendation.

—Frank Martindale '58

ORGAN RECITAL

A noon organ recital by William Tinker, assistant organist at the Old South Church—in Kresge Auditorium—is offered Thursday.

TOUR

A tour of the Computation Center, with lecture and demonstration, is offered today at four p.m. Starting point is room 26-168.



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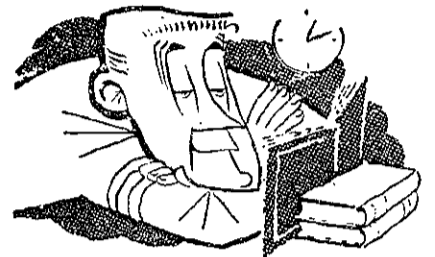
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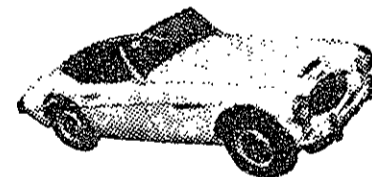
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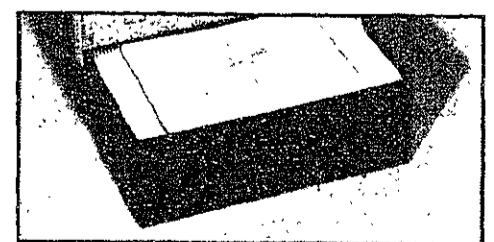
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Warren Moon Wins Talent Show



Photo by Joe Palmer

Senior Warren Moon's rich tenor voice brought him victory over five other talented MIT entrants in a televised amateur talent show, held on Sunday, January 12. Balloting was by mail and the results were announced yesterday. Moon wins a \$25 bond plus the right to compete on later programs which may lead to the finals and \$600. The show, on WBZ-TV, is sponsored by the Berkely School of Music.

Excerpts From Open House Rules Report Prepared By Dormcon For Administration

(The following are excerpts from the Report of the Special Subcommittee on Parietal Rules of the Dormitory Council January 13, 1958.)

Early in the past term, the Dormitory Council was informed that the existing open house situation was open to serious question. Concern over the present situation was expressed to us, through the Dean's Office, by members of the Corporation and by the Alumni. In response to this, the Dormitory Council established itself as a committee of the whole, with the addition of one sophomore from each house, to consider the situation, to discover the existing problems, and to recommend steps to alleviate these problems.

While considering the question, the members of the committee spoke individually with as many people concerned as was possible. This includes fellow students, although no formal polls were taken, members of the MIT Administration and Faculty, and many Deans of Women at surrounding schools. We were unable to meet with representatives of the Corporation and Alumni Association in person and instead we met their ideas through our Deans. The committee intends that this report should be a clear statement of the views of several responsible, informed students on the question of open house and hopes that it can lead to a better understanding of the entire situation by all concerned . . .

In the discussion of the existence of any open house hours, it was very

difficult for the committee members to conceive of the kind of social life which would be required without them. MIT is an enclave of the city of Cambridge, and the part of the city immediately surrounding the Campus is a factory district. There exist no off-campus facilities immediately surrounding the school to which a date may be taken. Campus facilities are themselves extremely limited with no restaurants or suitable public areas outside of the dormitories. Dormitory lounge space is itself very limited, as there is only one lounge per dormitory in two dormitories and two small lounges in the remaining dormitory. Given this situation, students must either entertain their dates completely away from campus or they must use their rooms . . .

Even if extensive facilities did exist on or near campus, some form of open house would still be most desirable. Open house gives the individual a chance to create a more home-like atmosphere in his dormitory room. This alone affords a man the privacy of a home which other men of our age have. This aids in the development of social responsibility, not only on the part of the man with a date, but also for all of the men in the dormitory. As a consequence, the actions of the residents, the appearance of the dormitory, and the keeping of the individuals' rooms reflect the possible presence of women, all of which tend to upgrade the attitudes and morale of the dormitory residents.

While the over-all benefits of an

open house system to the dormitory residents indicate that such a system is desirable, there are a few immediate drawbacks to be considered and which must be remedied. Due to the location of the dormitories and the fact that the residents are going in and out essentially twenty-four hours a day, we are faced with the problem that anyone else can enter or leave at any time. This makes it possible for uninvited females to wander through the corridors during the open house hours. At the present time both West Campus houses have rulings that unescorted women may come only into the lobby areas. The committee recommends that this become standard throughout the dormitories and that it be strictly enforced . . .

. . . a sign-in, sign-out system has often been suggested to the members of this committee by Deans of Women at surrounding schools; and in fact, it is related to their primary concern. This concern is that, with the present system, the girls' schools cannot reach their students in an MIT dormitory in case of an emergency—a situation that, as was pointed out to committee members visiting Deans of Women, has been greatly aggravated by the recent closing of the dormitory desks. These Deans of Women wish to be able to ascertain whether or not a girl may be located in a dormitory. We feel that this is a legitimate request on their part.

The main objection to the sign-in sign-out system from a student's point of view is that a listing of his dates is an invasion of his privacy—the very reason why many girls' schools do not require the names of escorts.

Any such system, if established, would have to guarantee that the listing would be in on way commonly available for inspection; and since there is no need for permanence, the records would be destroyed the next day. To be at all feasible, there should be a list in each dormitory, and for the system to be effective, the student should sign his date both in and out. Administration in this fashion would require that a central station (preferably the desk) be manned in each dormitory during the open house hours. However, the committee notices that the results of the trial of a similar system this past summer were not particularly successful. As the committee has some questions about the overall worth of such a system, we recommend its establishment, in the manner described in detail above, for a trial period of only one semester, at the end of which time the system would be evaluated by the Dormitory Council . . .

As in the past, many people have questioned the actual hours during which the open house exists. We have had many suggestions of reasonableness given to us such as not times should end in a.m., no study should Christmas Vacation and the response be interefered with, times should be acceptable to girls' schools, or times should be acceptable to a majority of society. All of these things are factors which must be considered along with the purpose of having open house as we have outlined it and the needs and desires of the dormitory residents who are using it

Any consideration of the setting of the evening hours must be in accordance with what we can determine the standards of society to be. Since nearly all of the colleges in the immediate area at which there are girls' dormitories have set one o'clock or later as the hour at which the girls must be in, dates running until one o'clock must be acceptable according to their determination. These same schools provide only meagre lounge space in their dormitories to some hour quite a bit before the girls' curfew. After this, if a couple wish to be together, they must wander out into the dark night until the curfew. When speaking with many of the Deans of Women, they did not express very much concern over endings as late as one o'clock, either for

(Continued on page 6)

INSCOMM

(Continued from page 1)

representative from its membership. This is to take effect after the expiration of the terms of the present reps. Concerning a motion about fraternity representation on Inscomm, by Bob Jordan '58, IFC President, there was no decisive action. This motion would have provided that the IFC representatives be chosen by the IFC itself, rather than being elected at large from the fraternity men. This issue was taken up at an IFC meeting last Thursday, January 16, where it was decided that the representatives will continue to be elected at large, but that responsibility for the election

will be transferred from the Secretarial Subcommittee to the IFC itself.

Field Day For Next Year

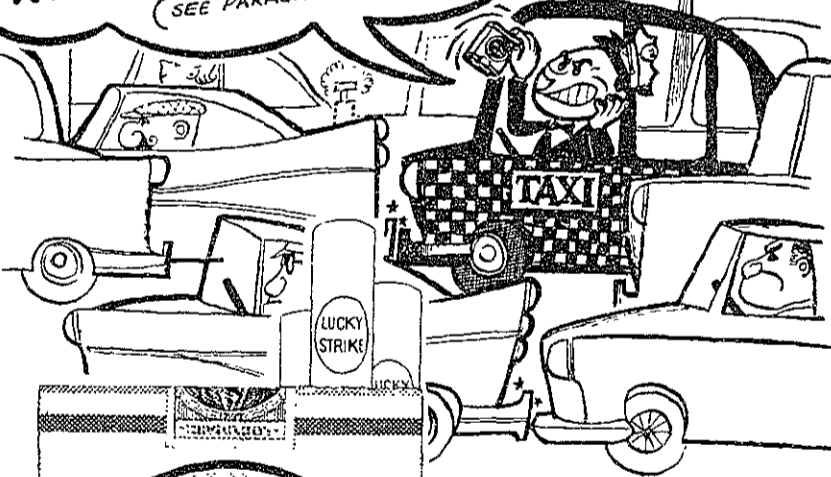
Inscomm also decided to allow Beaver Key to plan and execute a Field Day for freshmen and sophomores next year. This was approved over strenuous opposition by the Athletic Association representative.

The next meeting of Inscomm will be held at the beginning of next term. At that time, the special committee headed by Bob Jordan, which is considering the problems of Inscomm's aims and purposes, will make its report. It is hoped that Dean Rule will be present to join in the deliberations.

Sticklers!

TAXI DRIVING, at best, is a *checkered* career. Some days, nothing seems to click—including the meter! Traffic crawls, motor stalls, horns bleat, bumpers meet. What a moment to reach for a Lucky—and discover (horrors!) you're fresh out. That's when the most genial driver turns into a *Crabby Cabby*. And why not? He's missing the best taste going . . . a cigarette that's light as they come. Luckies are all light tobacco—good-tasting tobacco, toasted to taste even better. Try 'em yourself. And step on it!

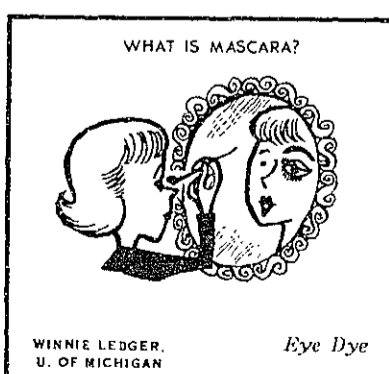
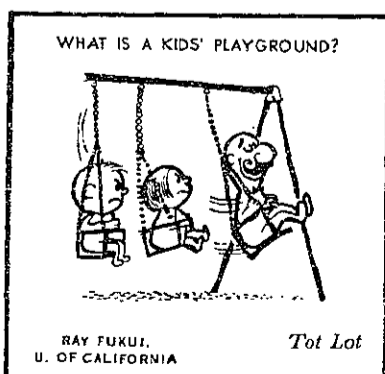
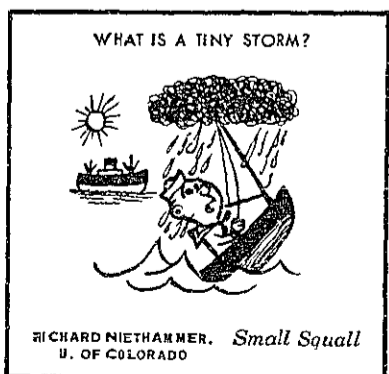
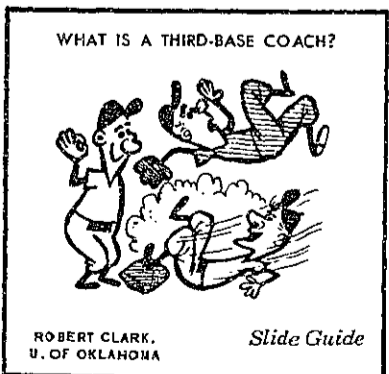
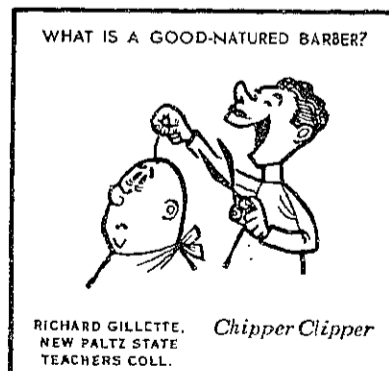
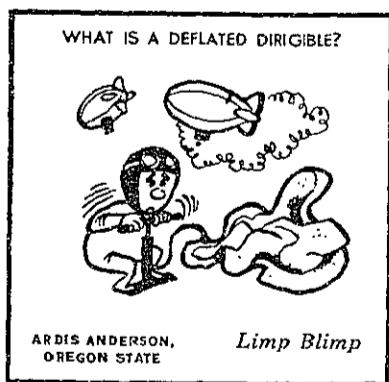
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MIT Takes Second In K Of C Relay, Hoopsters Lose By 3; Frosh Swimmers Again Triumph, Yearling Matmen Win

Engineers Finish Close Second In Knights Of Columbus Games

Captain Glenn Bennett '58 provided one of the thrills for Boston Garden spectators at the Knights of Columbus Games Saturday as he sprinted the last leg of a two-mile relay in 1:56.8 in an attempt to overcome Brown's 45-yard lead. However, he was thwarted as he finished inches behind Brown's Phil Reed. Both teams were listed in the same time of 8:11.2.

The other members of the team were Dick Murdock '58, Bill Duffy '58, and Bob Cooper '58.

Close Finish

Bennett received the baton on the anchor leg with a 45-yard deficit. He very nearly caught Reed in the last hundred yards, threatening to pass three times. His last challenge forced the Brown runner to literally jump at the tape in order to save the race.

A second four-man squad competed, finished third to Brandeis and WPI

in a one-mile contest. The Beaver runners were Ray Fletcher '60, Roxy Ernsberger '58, Howie McDowell '60, and Bob Slusser '60. The array was hampered by the withdrawal of Bob Williamson '59 because of an injury.

Freshmen Also Compete

The Cardinal and Gray were also represented by a freshman relay team in the persons of Dick Otte, George Ioup, Jim Poitres, and Gary Gustafson. The yearlings, who had competed that afternoon, were edged out by Tufts in the one-mile event.

With exams coming up, there will be a lull in competition until February 1, when the varsity is scheduled to return to action at the Boston A. A. Games. They will then work out during the between-terms vacation to prepare for the Millrose Games in New York on February 8. The frosh get their next chance at Bates in a dual meet on February 22.

Undefeated Engineer Frosh Aquamen Beat St. George Academy

In their closest and most exciting meet to date, the frosh mermen defeated St. George's Academy by a score of 49-37 at the alumni pool last Saturday.

Al Moorehead and Dick Stifler led for the yearlings to take a third and fourth respectively in the 50-yard freestyle and in the Butterfly, the Techmen recouped their loss with a flying first and second by Tom Ising and Jim Francis. John Banzhaf took first place with Pete Bankson close on his heels for third in the gruelling 200-yard freestyle.

The 100-yard backstroke saw Nelson Stephany and Eli Erb win first and fourth place respectively, while Bruce Marshall and Tony Silvestri took first and fourth in the 100-yard freestyle.

After a first and second by Eric Essene and Jim Knoedler in the 100-yard breaststroke, the tension rose as it was discovered that the Techmen needed a second place in the diving for any chance to win.

Fortunately, Mitch Brodtkin came through with a hard fought second while Gordon Gilbert just missed third place. With this encouragement, John Banzhaf and Jim Francis took an easy first and a close third in the 150-yard individual medley to put the team within one point of victory. In a tension packed 200-yard medley race, the team of Nelson Stephany, Eric Essene, Tom Ising, and Bruce Marshall set a new freshman record and sewed up the meet for the home team. Finally, Al Moorehead, Ken Scott, Roger Lucheta, and Pete Bankson took a close second in the 200-yard freestyle relay event, and a final score of 49-37.

The team's unbeaten record of three wins and one tie stands as a credit to the freshman coach, Charlie Batterman. The team next will meet Brown College at 7:00 p.m., February 19 in the alumni pool.

Last Minute Free Throws Fatal As Hoopsters Bow To USCGA

Ahead by 3 points in the last moments of play, the MIT hoopsters dropped a 55-52 contest to the U. S. Coast Academy at New London last Saturday. The lead changed hands many times throughout the game, with alert Tech defensive play accounting for the low score.

Hitting on 16 of 44 shots from the field, Tech compiled a shooting av-

erage of 36%, as compared to the opponent's 30%, who sunk 17-57. The Coast Guard's rebounding gave the extra attempts from the field, which proved to be the difference in the game.

Tech jumped to a quick lead, ahead 9-2 early in the first quarter. The Academy quickly narrowed this lead, but MIT still led 20-15 midway in the first half. The home team then launched an effective scoring drive, which resulted in a 31-29 advantage for the opponents at half time.

Driving through for two straight layups, the Academy increased their lead to six, the biggest margin of the game. Maneuvering for the shot from inside the foul line, Tech penetrated the opponents' defense to counter with two layups. The Academy altered their defense to stop this Tech attack, shifting into a tight zone. MIT continued to surge ahead, however, on top 52-48 with about a minute of playing time remaining.

Foul Shots Fatal

The home team then connected with three foul shots, narrowing the Engineers' lead to one point with thirty seconds left in the game. Eric Hasseltine '59 was then charged with two successive traveling violations, after sinking both layups. MIT's pressing defense caused them to commit more costly fouls. The home team connected on four in a row of these fouls, ending the game in their favor 55-52.

MIT Varsity Icemen Bow To Holy Cross

After dominating the play in a scoreless first period, MIT's varsity hockey team's defense crumbled, and Holy Cross went on to win 6-1, at the Briggs Field Rink Saturday afternoon. The Beavers were in the offensive zone approximately two-thirds of the time during the opening session, but poor passwork by the forward line kept them from taking very many shots.

With five minutes gone in the second stanza, the visitors tallied their first goal on a screen shot. They picked up two more in the next ten minutes. The Techmen's only scoring chance was thwarted when a puck off the stick of George Peckingham '59 hit the post.

The victors picked up another trio of tallies between the midway point and fifteen minutes of the third period, however, the Engineers averted a whitewashing when Paul Skala '58 dented the twines at 16:40 while in a melee in front of the nets, with Jon Weisbuch '59 picking up the assist. The Martinmen narrowly missed registering another when a goal scored by Peckingham on a shot from just over the blue line was nullified by an MIT offside.

The visitors' center Larry Keyes

Squashmen Defeated By West Point 9-0

Engineering ingenuity proved a poor substitute for Army's superior strength as the Varsity squashmen, unable to make a strategic withdrawal, bowed 9-0 in this year's encounter with the cadets. The Crocker-men, down one man, and lacking any outstanding player to fill the top position, were unable to rally against what is possibly the strongest team in the East.

Cal Morse '58, playing the number one position, put up a good showing, but was outclassed from the start, losing 15-9, 15-7, and 15-8. Dick Barone '58, after losing the first two games, pressed hard in the third but lost 15-4, 15-8, and 18-14. Chuck Leonard '58, Colin Clive '60, Jim Pennypacker '60, Bob Hecht '58, John Litshitz '60, and John Priest also dropped three.

Frosh Trackmen Lose To Andover Davis, McConnell Lead Engineers

Hampered by an unfamiliar dirt track, the freshman track team dropped its first meet of the season to a powerful Philips-Andover Academy squad 65 1/4-33 3/4. High scorers for the meet were MIT's Joe Davis and Dan McConnell with 7 1/4 and 5 1/4 points, respectively. Frank Naito tied several Andover men for scoring honors with 5 points.

The Prepsters took an early lead which they never relinquished with a double sweep in the 28-pound weight throw and the shot put. The contest was a little more evenly matched, however, in the track events.

The runners, who had been training for competition boards, managed to gather two-thirds of the total

points, although they were unused to the strange surface.

In addition to the efforts of Davis, who won the 40-yard high hurdles in :05.5 and tied for first in the high jump, McConnell, who took second in the broad jump and also tied for first in the high jump, and Naito, who won the 40-yard dash in :04.8, Dick Otte, Gary Gustafson, and Herb Wegener were outstanding. They notched second spot in the 300, 600, and mile, respectively.

Rod Feldman was the third Techman to tie for first in the high jump. Other MIT scorers were Bob Morrison, Gordon Baty, Bob Hurd, and Jim Poitres.

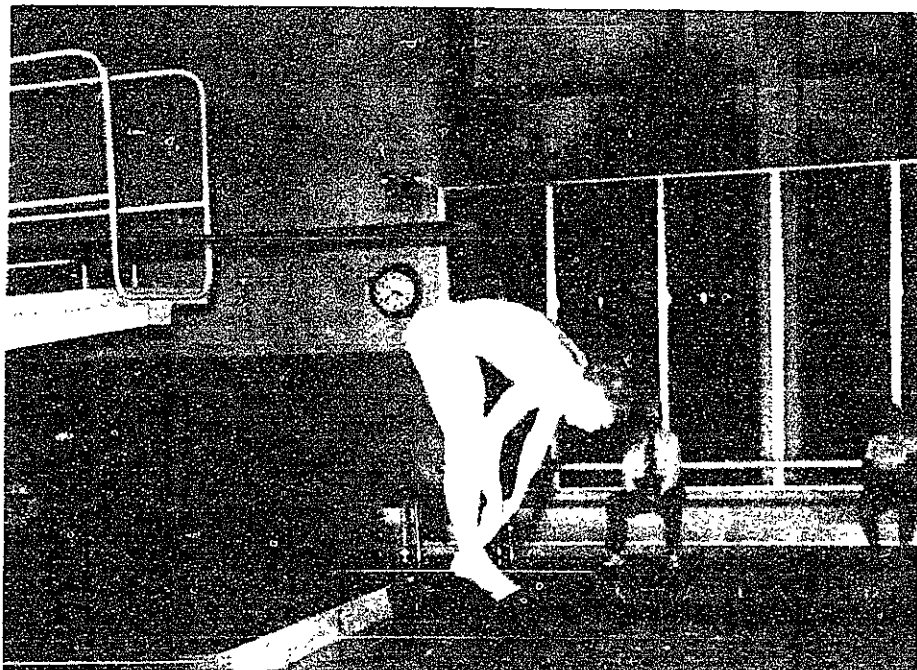


Photo by Phillip Fauchald
A diver chalks up points as the MIT Freshman swimming team lost to St. George's Academy, 49-37.



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Grad House Drops Betas, Baker A Downed By Sigma Chi; Phi Gam, ATO Remain Undefeated In IM Court Finals

Grad House 48—Betas 44

Failing to keep reign on a first quarter lead, Beta Theta Pi lost their second finals game 48-44 to a fast moving Grad House five. After the first quarter the score see-sawed throughout the rest of the game, but the Grads stayed on top in the final minute to end the contest 4 points to the good.

Leading 10-5 at the end of the first quarter, the Betas dropped behind by two baskets at the half. Second half scoring was evenly divided between the opponents.

Bill Traulman led the winners with 18; Ed Grubbs rated second with 14. Beta high scorer was Dick Oeler '60 with 14. Also in double figures was Warren Goodnow '59 who dropped in 11.

Sigma Chi 57—Baker A 43

Sigma Chi outsped Baker A in a fast break filled game to come out on the long end of a 57-43 score. High scorer and outstanding player for the winners was Bob White ' who dropped in 22 and did a great job of ball hawking.

The Baker team seemed to be thrown off balance by a tight Sigma

Chi press. Panicked by the press, the Baker boys made too many costly errors, and threw the ball away many times.

Fouling was heavy, due to the rough rebounding and board play. Top Sigma Chi rebounders were Pete Kemple '59 and Al Brenneke 61. It was their board work that made the fast break go, and go well.

Dick Bradt '60 put in 20 to lead the Baker scoring, and he was also responsible for much of the losers' board work.

Phi Gam 33—Pi Lamb 28

In a low scoring tilt, Phi Gamma Delta remained undefeated as they topped a smooth Pi Lambda Phi five 33-28.

Pi Lamb opened up strong and took an early lead, but the Fijis managed to even it up and were trailing by only two at the end of the first half, with the score sheet reading 15-13.

Third period Phi Gam scoring put them ahead by one basket at the end of the quarter, but Pi Lamb tied the score at the outset of the final period. Carl Swanson '60 drove home two quick tallies for the winners to

put them ahead by four, with only a little over a minute left to play.

The Fijis stalled for the best part of the last minute, and allowed their opponents only two more points to end the game in their favor 33-28.

Phi Gam scoring was evenly spread, with Swanson dropping 7 and Chuck Ingraham, playing most of the last half with four fouls, hitting for 6. High scorer for the losers was Fred Ardetti '60 with 9.

Alpha Tau Omega 52—

Student House 27

A power packed ATO quintet downed Student House decisively by a 25-point margin. Both teams were undefeated up to this game.

Student House never had a chance, as ATO opened a first half lead with the score in their favor 24-9.

The third quarter saw only more ATO scoring and their lead constantly increased. ATO rebounding was handled by Joe Keller '59 and Frank Winkler '61.

Outstanding in ATO fore court play were Don Stelling '60, Walt Koetke '61, Tony Hager '61, and Tom Courtney '60. High scorer for the



Action under the boards in Monday's ATO-Student House game won by ATO, 52-27.

Photo by Bill Heess

winners was Koetke with 13, although the scoring was very evenly spread.

Gene Shaw '60 dumped in 11 to lead Student House scoring.

Future Games

The Theta Chi-AEPI game was

postponed until last night. The next round will be played after vacation, on February 11. Opponents will be:

Theta Chi or AEPI vs. East Campus

Grad House vs. Sigma Chi

ATO vs. Phi Gam

Student House vs. Pi Lambda Phi

Engineer Fencers Lose To Columbia

MIT's Varsity Fencers met their first defeat of the season, losing to a stronger Columbia team, runners-up in last year's Nationals, by a score of 18-9 at New York last Saturday.

Techmen Win Foils

However, the foilers, who have had an outstanding season so far, managed to win 5-4, as Barrie Shabel '59 and Mike Fein '58 were winners by scores of 5-4, 3-5 and 5-3 and 5-3, 5-2 respectively. Other bout scores were: Les Dirks '58, 5-2, 1-5, 2-5; and Sherman Karp '60, was 0-5.

The sabre results were not too impressive as the Beavers lost by a score of 7-2. Larry Campbell '59 was 1-5, 0-5 and 5-3; Joe Verderber '60 was 3-5, 3-5 and 5-4; while Karl Koepke '60 was 2-5, 3-5 and 3-5.

Similar scores occurred in epee, as the Engineers lost by a 7-2 score to the returning Champions of the Easterns. Ron Wempen '59 was 1-5, 2-5 and 5-1; Chuck Haspel '60 was 5-3, 1-5 and 2-5; while Bill Hudson '60 lost all by scores of 4-5, 4-5 and 3-5, which were unfortunately very close matches.

Coach Vitale Hopeful

Coach Silvio Vitale was not disappointed with the results of the match as Columbia has beaten NYU, defending National champions. He rec-

(Continued on page 6)

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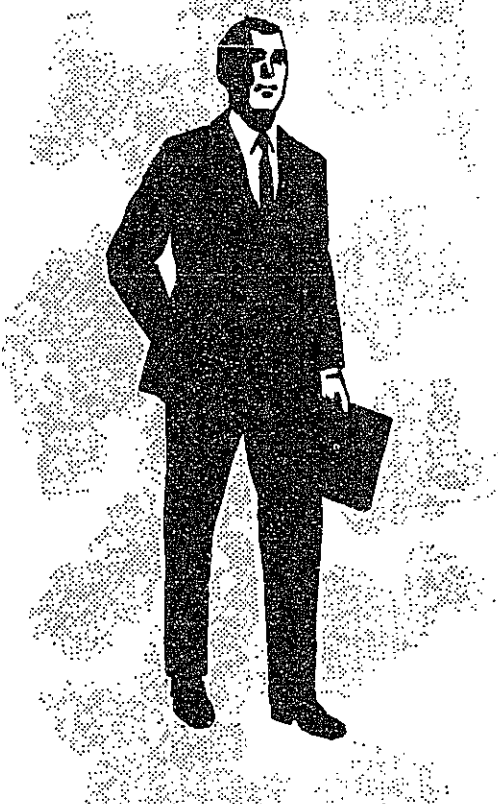
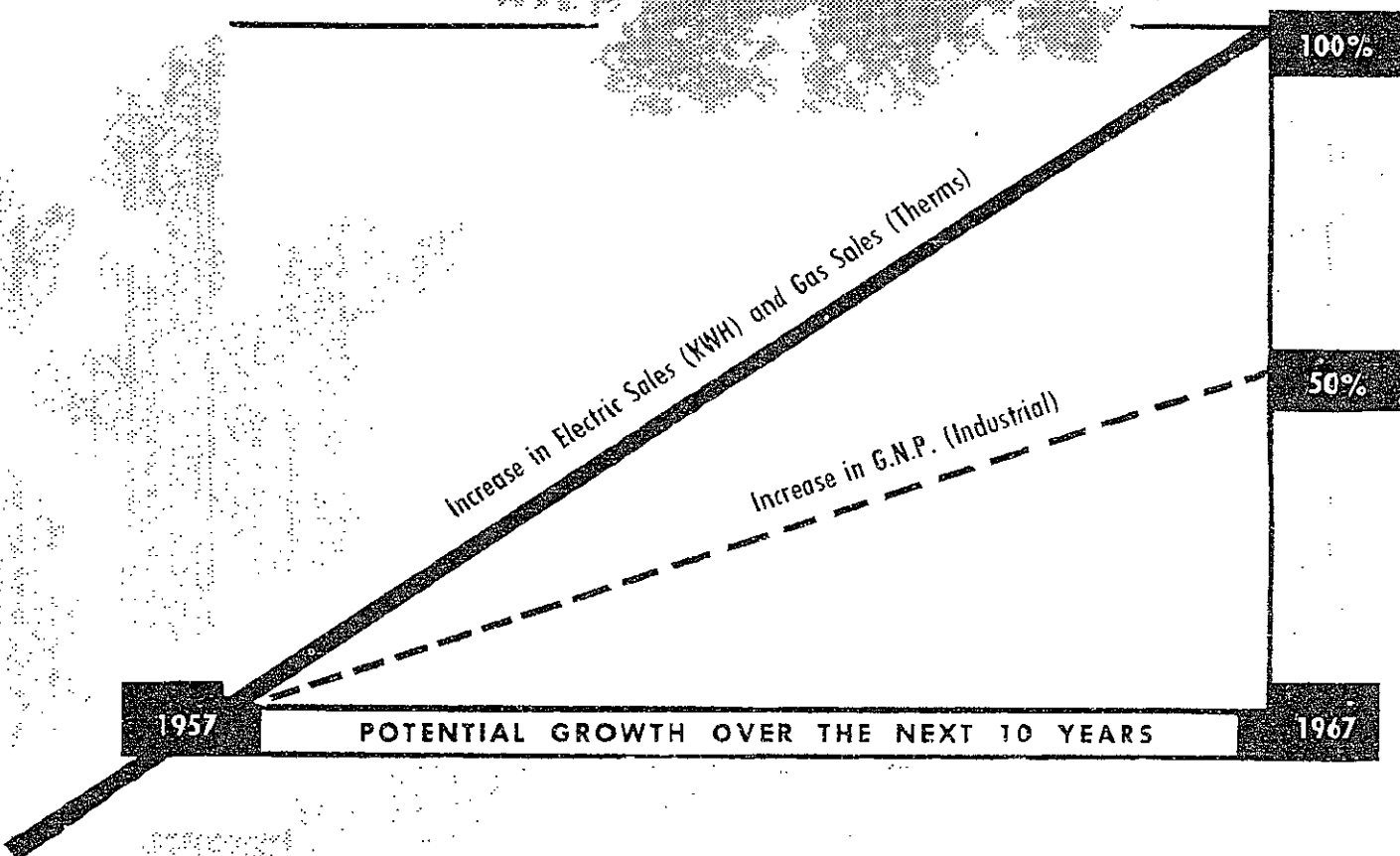
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A DU PONT JOB-FINDER CHART FOR BS-MS ENGINEERS AND SCIENTISTS

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For example: If you are a mechanical engineer, run your finger across the "Mechanical Engineers"

column. The code letters refer to the type of work (Research, Development, etc.). The departments of the Company are listed across the top. The column across the bottom indicates some of the locations where these departments have openings. Du Pont also has opportunities for other engineering and scientific specialties, but space does not permit a complete listing.

- A** Research
- B** Development
- C** Design
- D** Production
- E** Plant Engineering
- F** Sales

DEPARTMENT	ENGINEERING	ELASTOMER CHEMICALS	ELECTRO-CHEMICALS	EXPLOSIVES	EXPLOSIVES, ATOMIC ENERGY DIVISION	FABRICS AND FINISHES	FILM	GRASELLI CHEMICALS	ORGANIC CHEMICALS	PHOTO PRODUCTS	PIGMENTS	POLYCHEMICALS	TEXTILE FIBERS
PRODUCTS	Designs and constructs major plant facilities. Conducts research and development, and provides engineering consultation in chemical and mechanical engineering, instrumentation, and materials technology.	Neoprene Rubber Chemicals Organic Isocyanates	Metallic Sodium Hydrogen Peroxide Vinyl Products Sodium Cyanide Chlorinated Solvents Nylon Intermediates	Sporting Powders Blasting Supplies Dynamite Polymer Intermediates	Nuclear Reactor Materials Heavy Water	Coated Fabrics Paints, Varnishes, Lacquers Synthetic Resin Finishes	Cellophane Sponge Yarn Mylar® Polyester Film Cel-o-seal® Bands	Acids and Heavy Chemicals Biological and Agricultural Chemicals	Dyes Petroleum Chemicals Tetraethyl Lead Fluorinated Hydrocarbons	Photographic and X-Ray Film Photographic Papers Processing Chemicals	Titanium Pigment Pigment Colors Titanium Metal Hyperpure Silicon	Ammonia Antifreezes Urea Products Plastics Nylon Intermediates	Nylon Dacron® Polyester Fiber Orlon® Acrylic Fiber Rayon
CHEMICAL ENGINEERS	A, B, C	B	A, B, D, F	B, D	A, B	A, B, F	A, B, D, F	A, B, D	A, B, F	A, B, D, F	A, B, F	A, B, D, F	A, B, D
MECHANICAL ENGINEERS	A, B, C	B		E	A, B		A, B, D, E		A, B, F	A, B, E, F	A, B	A, B, D, F	A, B, D, E
ELECTRICAL ENGINEERS	A, B, C			E			B, D, E, F			E		A, B, D, F	B, D, E
METALLURGICAL ENGINEERS	A, B	A, B			A, B								
CHEMISTS			F			A, B, F			A, B, F	A, F	F	A, B, D, F	A, B, D
PHYSICISTS					A, B					A		A, B	A, B
POSSIBLE INITIAL ASSIGNMENTS	Wilmington, Del., or Plant Locations	Beaumont, Tex. Louisville, Ky. Montague, Mich. Wilmington, Del.**	Memphis, Tenn. Niagara Falls, N.Y. Wilmington, Del.**	Gibbstown, N.J.	Aiken, S.C.*	Newburgh, N.Y. Parlin, N.J. Philadelphia, Pa.	Buffalo, N.Y. Circleville, O. Clinton, Ia. Old Hickory, Tenn. Richmond, Va. Wilmington, Del.**	Cleveland, O. East Chicago, Ind. Houston, Tex. Linden, N.J. Wilmington, Del.**	Deepwater, N.J. Wilmington, Del.**	Parlin, N.J. Rochester, N.Y.	Edge Moor, Del. Newport, Del. New Johnsonville, Tenn. Wilmington, Del.**	Charleston, W. Va. Orange, Tex. Parkersburg, W. Va. Victoria, Tex. Wilmington, Del.**	Camden, S.C. Chattanooga, Tenn. Kinston, N.C. Martinsville, Va. Old Hickory, Tenn. Richmond, Va. Seaford, Del. Waynesboro, Va. Wilmington, Del.**

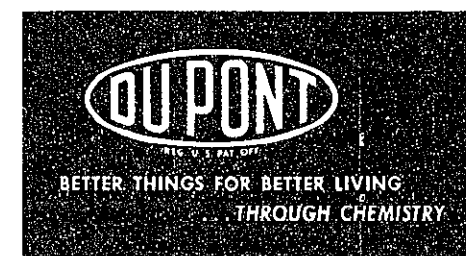
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PERSONALIZED INFORMATION—The kind of work you will do and the location of your first assignment depend on your qualifications and the openings available. Since the above chart was prepared, some of the

openings listed may have been filled or new jobs may have been added to the list. For up-to-the-minute information about possible jobs for you, see the Du Pont representative when he visits your campus.

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WATCH THE DU PONT "SHOW OF THE MONTH" ON TELEVISION



SCIENCE
(Continued from page 3)
their own girls or the MIT dormitories . . .
Since New Year's Eve falls during Christmas Vacation and the responsibility for open house lies with the Dean, we cannot make any specific recommendations. We wish, however, to remind the Dean that this occasion is universally celebrated long

into the night and we hope that he will take this into consideration when setting the hours for this evening . . .
In conclusion, the committee recommends no changes in the present hours, with the exception of the special permissions. We do not feel that they pose a major part of any problem nor do we feel that shortening the hours will cure any ills which may exist in the system. Rather, we believe that the present hours have been arrived at rationally and fulfill

the aims of an open house system. We recommend that certain practices be standard throughout the dormitories: that unescorted women should be allowed only in lobby, desk, and immediately adjacent lounge areas; that the recommended means be established to determine the identity of visitors and prevent the entrance of those who have no legitimate business; that all dances be chaperoned; and that the residents of the MIT dormitories be granted that measure

of privacy which is afforded to most men our age.
The committee feels that the Dormitory Council has an obligation to acquaint all the dormitory residents with this report and to continually educate them to their responsibilities. This will increase the social awareness of the residents and enhance the dormitory as a place to live and mature.

FENCING
(Continued from page 5)
organized the superiority of the New Yorkers and expressed that our team has gained valuable experience which will be very helpful for the future. He is hopeful of a stronger showing against the Lions in this spring's Eastern Championships.
The next encounter of the season will be the traditional one against BU at Walker Memorial, February 12, at 7:30 p.m.