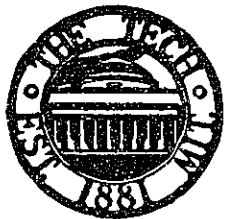


# The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVII NO. 44

CAMBRIDGE, MASSACHUSETTS, FRIDAY, DECEMBER 6, 1957

5 CENTS

## Sullivan Wants Zoning Change To Permit Industrial Site Over River

A proposal to zone some forty acres of Charles River bottom-land for a \$100 million industrial complex is meeting stiff opposition.

Cambridge realtor John Sullivan is presently attempting to have the area zoned into a "Business A" zone, which would permit the erection of research centers, office buildings, and other similar enterprises. Tentative plans call for a "Texas tower" style platform, rather than filled land, for the area.

However, many have voiced strong dissent to Sullivan's proposal. Property owners in the area, speaking at last Monday's Cambridge City Council meeting, demanded that the entire "neighborhood" be kept purely residential. Two council members believe the matter should be referred to the Municipal Planning Commission and the Commonwealth of Mass. MIT's Vice Treasurer Philip Stoddard in a formal statement declared that the Institute "must record its opposition to changes in zoning that would permit the building of structures over the lands in question."

Proponents of the plan state that an industrial complex would just about offset all the tax-free land occupied by MIT and Harvard, and would permit the Cambridge tax rate to be reduced considerably. Opponents reply that although a tax reduction would be good, the complex would interfere with the recreational facilities and the scenic beauty now found in the Charles River Basin.

The Council, in Monday's meeting, voted 4-4 to give the request a second reading. Next meeting, a week from Monday, will determine if the proposal will receive the necessary three-fourths vote to change the zoning regulations.

## Physical Strength Vs. Intellectual Progress Cited In US-USSR Study

New insight into the Soviet system is the result of work recently completed by MIT's center for International Studies. A direct result of this study of the Soviet educational system is Alexander Korol's recently published book, *Soviet Education for Science and Technology*.

Korol's is a different evaluation of the basic problem. In his book he emphasizes the ideological differences between United States education and Russian education. Here Korol thinks physical strength lies. Some extracts from the Center's publication, *Documentation and Reference Material on Education in the Soviet Union*, bear out this point. For instance from a syllabus in the "History of Mathematics" there is this statement: "The aim of the History is to show how idealistic and formalistic tendencies of the bourgeois mathematics led to an insoluble fundamental problem."

And in another syllabus: "While teaching mathematics, the teacher should realize the several goals of a Communist upbringing—the formation of a Marxist-Leninist world view." The Center's study and Korol's book tell in their sharp factual presentations what the Soviets are trying to do, and how they are going about it. Korol says, "Clearly, Russia's overriding objective is to catch up with and outstrip the United States."

It remains for the American people to determine what they are trying to do, and how they are going about it. Are all our efforts vain-directed toward physically surpassing another country, or are we trying to show the people of the world that our way of life is best, because we don't have to resort to the methods of our adversaries? Korol says, "We do ourselves a great service by accepting the criteria

## Our Nation's Defense

### Reactor Will Be Operative Soon

In view of the recent interest in national defense precipitated by Sputnik I and II, Professor of Chemical Engineering Manson Benedict, who heads the department of nuclear engineering, was asked a series of questions on the application of his research program to national defense and related subjects. Professor Benedict's program includes experiments to be performed with MIT's new nuclear reactor, which will be completed in April 1958, said Dr. T. J. Thompson, head of the reactor construction project.

"How does your research program tie in with national defense?" was the first question, to which Professor Benedict replied that the two are related "only indirectly", since his program will "help to train people in working with reactors", which may be useful for future defense

purposes. No basic research is now being conducted by the Institute solely for defense purposes, said the professor, but, in applied research, a study is being made of reactor fuel costs, which will be useful to government projects. The National Science Foundation has granted \$500,000 to MIT's reactor construction project, and the Atomic Energy Commission is supplying the fuel and some of the components, but Professor Benedict emphasized that this government subsidy in no way obligates the Institute to do defense work, nor do the recent developments in Russia change any of the plans for the reactor in any way.

This statement partially answered the second question, which was, "How do you plan to step up your research program to meet the newly acknowledged Soviet technological challenge?" The professor said, in effect, that the present research program will fill a need which was present even before Sputnik, and that it was a misconception to believe that changes were necessary in all scientific research programs simply because the Soviets appear to have a lead in some fields of scientific endeavor. For example, the Russians seem to trail the United States in the field of power and propulsion reactor development.

This was mentioned in answer to the final question, which was, "In the field of nuclear engineering, how do we compare with the Soviets at present?" "I believe that we are ahead of the U.S.S.R. in the development of power and nautical propulsion reactors," replied Professor Benedict. "The Russians have not announced the launching of an atomic submarine to date, while we have two in operation," he added. "The Soviets have fallen short of their predictions for reactor development so far, but not enough information is available to make an estimate of how long this lag will last, said the professor."

Some of the projects for MIT's reactor will be: the study of nuclear fission, the training of nuclear engineers, medical studies in the use of neutron beams for the treatment of disease, such as brain tumors, experiments in the sterilization of foods and medical supplies, and studies of the affect of radiation on living organisms.

## ROTC To Go?

A report on compulsory ROTC, prepared by Dean Burchard, has been submitted to Chancellor Stratton and is now under scrutiny by faculty and administration officials.

Details of the report are not known, but it has been hinted that an end to the long-standing stalemate may be at hand. The faculty, administration, and some military science officers have expressed private dissatisfaction with the present ROTC set-up, but have always declined to make public their discontent, pointing out that the Institute has an obligation to the nation

## Voo Doo To Publish Friday December 13 Despite Dean's Letter Suggesting Delay

The next issue of Voo Doo will appear on schedule next Friday (the thirteenth) despite a suggestion from Dean Rule that the humor magazine "delay further publication until it can obtain constructive help to develop editorial policies which will lead to a better magazine."

This suggestion was included in a letter sent to the Voo Doo Managing Board a week ago, three days after the Institute Committee, in special session, voted down (17-1) a motion to force the magazine to suspend publication for the remainder of the term.

Dean Rule is aware of the Managing Board's intention to publish on schedule. Voo Doo General Manager Jim Zwikel '58 conferred early this week with the Dean and informed him that material, for what the Board expected would be a humorous and satisfactory issue, had already been compiled, and that various commitments rendered any publication delay financially unfeasible.

The Dean, at that time, told Zwikel that his suggestion had not been an ultimatum, and that he would be delighted if Voo Doo did publish an issue this month which conformed to a sense of decency.

The text of Dean Rule's letter to Voo Doo will be found on page three of this issue.

That issue is, today, virtually ready for the printer. Its theme, says the Managing Board, is a universal and timely one. As a special feature, the magazine contains a full statement of its new editorial policy. Two humorous threads, laced into its twenty-eight pages, are designed to remind the reader of the new Voo Doo's strait-jacketed tailoring.

## Tight Party Schedule Marks MIT Life In Pre-Vacation Season

With the Christmas season swiftly approaching, the MIT student body is being offered the chance to get in pre-holiday spirits with a concentrated series of social events.

Opening the season will be the closed-bid Miami Triad week-end, sponsored by the Phi Deltas, Betas, and Sigma Chis. Top-notch entertainment will be provided at the formal, to be held tonight at the Somerset, by Freddy Guerra's dance and Dixieland bands, and by the Wellesley Blue Notes. Saturday's beer-jazz concert at Phi Delta Theta, and the individual house parties, will provide a fitting climax for the ever-popular event.

Meanwhile, on Saturday night, the International Club Dance, to which all are invited, will be swinging to the music of the Jeff Carlton Orchestra. At intermission, the identity of the mysterious Pablito will be revealed, and some fine entertainment will be offered. The \$2.50 admission price will include free snacks and soft drinks; a bar will be in operation.

Next Friday, December 13, the sophomores will present "Wish Upon A Star" at the Sherry Biltmore. The semi-formal dance will be highlighted by Don Russel's Orchestra and the Wellesley Tupelos. Tickets are on sale in Building 10 at \$2.75 per couple.

On the following night, the Dormitory Christmas Semi-Formal will be held in Baker House. Dancing will be to the music of Herbie Wayne's Orchestra, and a special intermission entertainment will be featured. Table reservations can be made with the purchase of a ticket beginning December 10 at \$3.50 per couple.

A "dammit" on one page has given way to a proofreader's "good gosh", but that is not the rule.

The Institute Committee, meeting on November 26 solely to consider the Voo Doo question, played before a packed house in Litchfield Lounge, and voted finally to let well enough alone. After rejecting (11-8) a recommendation from the Judicial Committee that the Voo Doo Board be removed from office, Inscomm voted down a suspend-publication motion by landslide proportions. Then Inscomm passed a resolution stating that the Dean's first letter to Voo Doo constituted enough action against the magazine.

The Judcomm recommendation had also provided for the establishment of a Selection Board to pick a new Voo Doo Managing Board. The Selection Board would also have served in an advisory and counselling role. The value of these latter roles was revived by the Dean in his second letter, in which he suggested that the Managing Board consult with . . . faculty and alumni who are familiar with the problems . . . including former board members. According to Zwikel, this is now being done.

## Bohr Bids Humanity Use Complement To Foster Harmony

The techniques of modern physics, in dealing with the apparent inconsistencies of classical physics, can be applied to a much wider range of human experience, Professor Niels Bohr declared in his final Karl Taylor Compton Lecture last week.

Embodied in these techniques is the notion of complementarity, a widening of the conceptual framework to include not only the physical phenomena observed but also the very means of observing them. The conceptual framework of classical physics, Professor Bohr said, is too narrow to be of much help when considering more general subjects just as it was too narrow to satisfy the needs of atomic physics.

### Prejudice Studied

Professor Bohr likened the prejudices of classical physics to the prejudices of human cultures. "You cannot appreciate the prejudices of one culture on the basis of the prejudices of another," he said. "However, we have seen many examples of the intermingling of cultures by intercourse between them, with the result that the valuable elements of both are retained."

Professor Bohr discussed complementarity in connection with psychology ("for unambiguous communication, one often needs to shift the line between subject and object") and social science ("the salmon has a better sixth sense than the frog man . . . Some people say that the salmon can do it [return to its birthplace] because it doesn't know how it does it . . . In humans, instinct is suppressed by custom and tradition.")

To justify these excursions from the traditional realm of physics, Professor Bohr asserted that science is a source of human enlightenment and understanding which transcends physical knowledge. "We are not simply recording experience in several categories . . . but are bringing order out of experience," he said.

When Professor Bohr had the sixth and last lecture, Dr. Stratton paid him this tribute: "We have been illumined by a great mind and spirit."

# The Tech



## the tattler

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## editorial

### Post Script

Dean Rule's latest communication to the Voo Doo Managing Board comes as a surprise. Evidently his decision to suggest that Voo Doo delay publication was an afterthought to an earlier letter which put into effect the recommendations of the Ad Hoc Faculty Committee.

By implication, however, it is clear that Dean Rule's suggestion was more than an afterthought, and was, in effect, a move which he wanted to make from the beginning but which he hoped student government would make for him. In his attempt to perpetuate the myth about student government's potency in dealing with serious problems, the Dean has most obviously failed. We can now be sure that in future, whatever the Administration wants will be carried out whether or not Institute Committee reacts favorably.

It is hard to believe that Dean Rule was unaware that such an inference might be drawn should he second his original letter with this suggestion. The Dean was torn, apparently, between the hope that Incomm would do what he hesitated to do himself and the possibility that, should Incomm decline to act, his basic convictions about the role of student government would stand exposed.

Granted that Voo Doo could perhaps be improved by a change in emphasis from low-grade humor to respectable and clever satire, and assuming that Dean Rule strongly desires such an improvement, why has he stated his position timidly and in a way that carries hypocritical overtones? Surely an honest and clear-cut stand by the Administration, regardless of its point of view, will carry more weight with the student body than one which beats around the bush.

The past ten years have seen a greater change in the Institute than in Voo Doo. While the character of the magazine has remained substantially constant, the Administration's attitude toward the kind of literary fare to be found in Voo Doo has not. Now, as we enter a period of reform, it is to be hoped that the issues under fire will be brought into the open, and the Administration's position stated clearly, honestly, and without hesitation.

They came out of the depths and the dark corners, backs bent with their soiled past. They trudged through the sweaty passages, by fruit-bearing steel, halls of laughter and ease. And finally they reached the Baker House laundromat.

Morton threw open the door, and gasped at the oceanic expanse confronting him. Meadowbrook was the more steady of the two. He calmly removed his shoes and socks and entered. Not to be outguessed, Morton followed. "Uh-uh," said Meadowbrook. "Yes, just as I had expected. Yep!"

"What?"

"You know," continued Meadowbrook, "It was bound to happen this way."

"Lance, Lance, what is it?" stammered the lost Morton.

"Washing machines all taken, podner."

"The son of a . . ."

"Don't tense, Morton," Meadowbrook said. He gave the door a silent shove, and it closed. Deftly, Meadowbrook unlatched the machine. It stopped washing. He reached far to the back of the aperture and began to pull clothes out. Each bundle he nonchalantly tossed onto the floor in the corner, where they drank deep the filthy water. Finished, Meadowbrook did likewise with the second washer, and then inserted his and Morton's clothes and started them washing. He shut off the lights and they waited.

Suddenly, the happy sound of cherubic voices drifted to the laundromat; and the door burst open. "Hey, what happened to the light?" The first student was completely in the room before Morton dropped the plank on his head. He melted onto the cement floor. Meanwhile, Meadowbrook pulled the second boy through the door and slammed it. His brass knuckles resounded on the softer-than-brass chin and his knee sank far into the stomach. Then Lance turned the lights on, and he and Morton dragged the bodies behind the door.

They lit cigarettes and sat in silence, meditating to the harmonic hum of the washing machines. Morton produced copies of *I, the Jury* and the two caught up on their humanities assignment.

About an hour passed, and their clothes were nearly dry. A knock at the door—"Georgie? Georgie?"—it opened, and for an instant the speaker's eyes bulged to gigantic proportions. "My roommates!" he gasped, staring at the two unconscious unfortunates. Reaching into his pocket, he withdrew a small knife, simultaneously heading towards Morton. Instantly Meadowbrook flashed his switchblade and brandished it menacingly at the newcomer, who dropped his feeble tool and dashed out of the room. Meadowbrook closed his weapon and signalled to Morton to get their clothes, now dry. Quickly they stuffed their laundry in bags. Then, with occasional help from his friend, Meadowbrook moved the two unconscious forms to the machines and stuffed them in. He threw a handful of soap after them and started the washers.

As Meadowbrook and Morton slipped quietly out of the rear exit, they heard the sounds of a mob back by the laundromat. Lance smiled and said, "You know, Morton, if those driers had taken a minute longer, we might have had a fight on our hands tonight!"

—Sidney Magee, Jr. '62

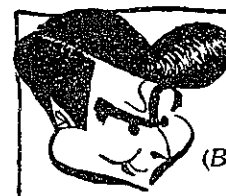
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## On Campus with Max Shulman

(By the Author of "Rally Round the Flag, Boys!" and "Barefoot Boy with Cheek.")

### WHAT TO DO TILL THE PSYCHIATRIST COMES

Once upon a time at the University of Virginia there was a coed named, oddly enough, Virginia University who was handsome and kindly and intelligent and ingeniously constructed and majoring in psychology. Virginia went steady with a young man on campus named, oddly enough, Oddly Enough who was supple and fair and lithe and animated and majoring in phys ed.

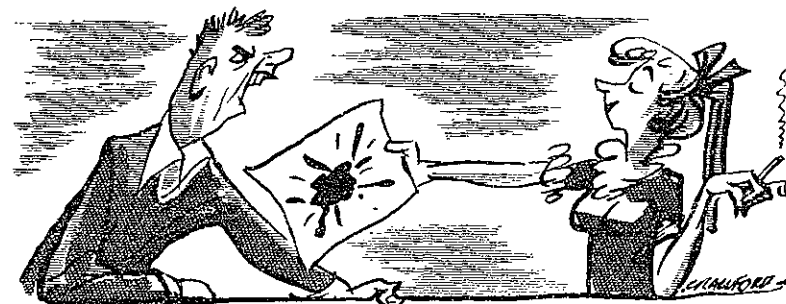
Virginia and Oddly enjoyed a romance that was as idyllic as a summer day, as placid as a millpond. Never did they fight—never, never, never!—because Virginia, who was majoring in psychology, did not believe in fighting. "Fighting," she often said, "settles nothing. The scientific way is to look calmly for the cause of the friction."

So whenever she and Oddly were on the verge of a quarrel, she used to whip out a series of ink blot tests and they would discover the true underlying cause of their dispute and deal with it in an enlightened, dispassionate manner. Then, the irritant removed, their romance would resume its tranquil, serene, unruffled course.

After six months of this sedate liaison, Oddly was so bored he could spit. He loved Virginia well enough, but he also believed that people in love ought to fight now and then. "It opens the pores," he said. "And besides, it's so much fun making up afterwards."

But Virginia would not be provoked into a quarrel. One night Oddly tried very hard. "Hey," he said to her, "your hair looks like a bat's nest and your ears look like last year's turnips and your face looks like a pan of worms and as for your head, I've seen better heads on newel posts."

"My goodness, we're hostile tonight!" said Virginia cheerfully and whipped 120 Rorschach cards out of her reticule. "Come," she said, "let us examine your psychic apparatus."



### "Who Makes your Clothes-Bethlehem Steel?"

Oddly tried again. "Who makes your clothes?" he sneered. "Bethlehem Steel?"

"Hmm," said Virginia thoughtfully and lit a cigarette. "This sounds like an anxiety neurosis with totemism, anagogic trauma, and a belt in the back."

"I hate you," said Oddly. "I hate your looks and your clothes and your toenails and your relatives and the cigarettes you smoke."

"Now, hold on, buster!" cried Virginia, her eyes crackling, her color mounting, her nostrils aflame. "Just keep a civil tongue in your stupid head when you talk about Marlboro! Nobody's knocking that filter, that flavor, that flip-top box while there's breath in my body! It's a great cigarette, it's a doozy, it's a dilly, it's a bear—and anybody who says a word against it gets *this*."

By "this" Virginia meant a series of combinations to the head and liver, which she now delivered to Oddly and turned on her heel and stormed away.

Oddly brought her down with a flying tackle. "I love you," he said.

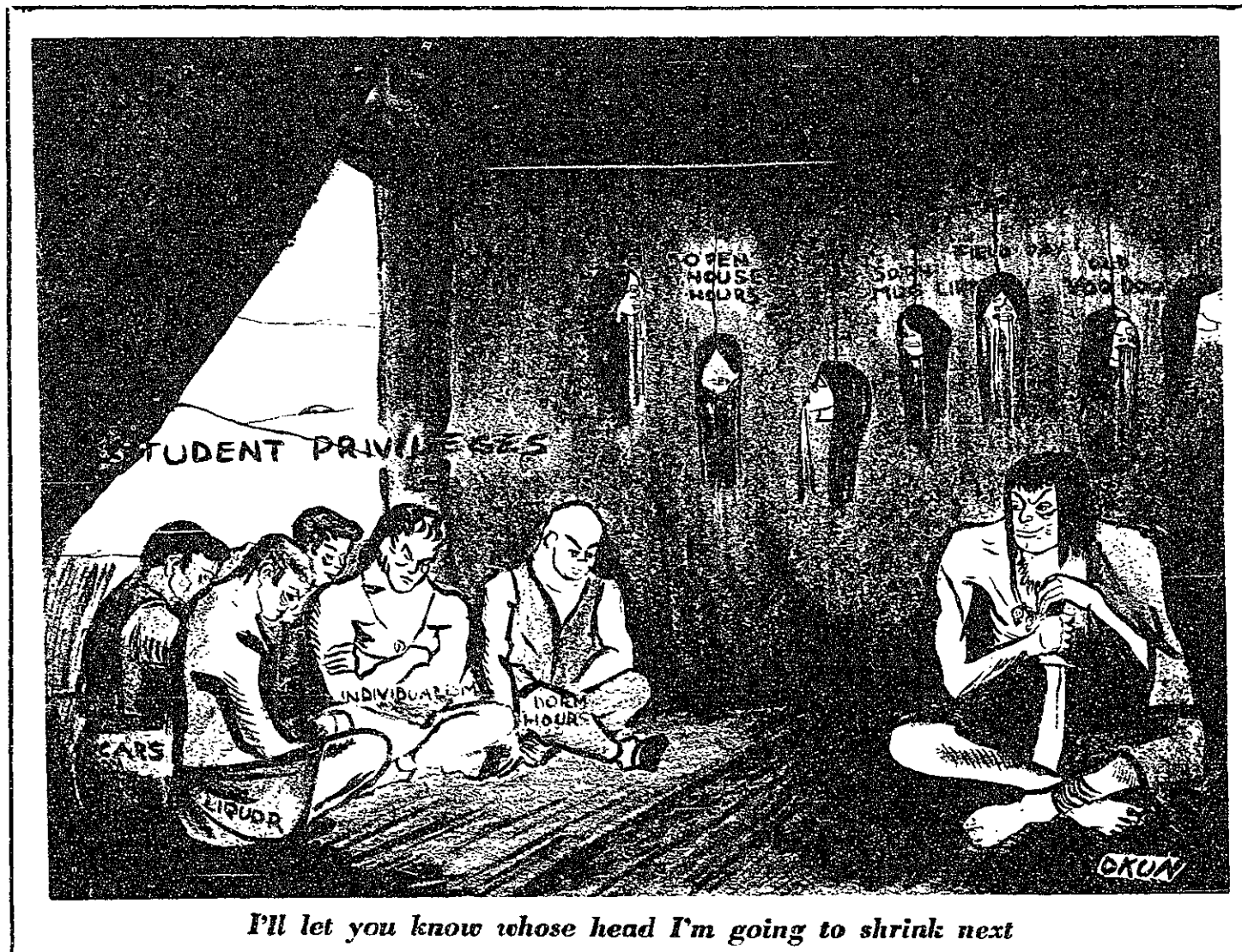
"And Marlboro?" said she.

"And Marlboro," said he.

And they kissed and plaited love knots in one another's hair and were married at Whitsun and smoked happily ever after.

\*\*\*

And you too, gentle readers, will smoke happily ever after, once you try Marlboro, the cigarette that gives you such a lot to like—including, we earnestly hope, this column.



I'll let you know whose head I'm going to shrink next

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**ADL Engineer Tells ASME Group About Missile Automation**

"The guided missiles so essential to national defense cannot be produced expeditiously until the theoretical developments in this field are reduced to sound industrial practices," said Dr. Joseph Harrington, Jr. '30, speaking to an ASME student-faculty dinner last night in the Edward F. Miller Room at the Institute.

Dr. Harrington's hour-long speech, which included a question and answer session, dealt mainly with the successful application of computer control to industry. He did not speak extensively on the actual theory of computers and electronic control; in his own words, "MIT is the home of numerically controlled machines, research and development in this field having been going on here for some eight years now. It is important also to gain an insight into the actual application of these theories to usable industrial processes."

Dr. Harrington, Head of the Mechanical Department of Arthur D. Little, also touched on the importance of numerically-controlled over conventionally - controlled machine tools. This, he stated, was especially vital in the aircraft and missile industry, where cutdowns in production time may be the determining factor in keeping the U. S. in the arms race.

**Rule's Letter To Voo Doo**

To the Voo Doo Managing Board:

The Massachusetts Institute of Technology is an educational institution dedicated to developing young men and women not only intellectually but also as citizens of responsibility with high moral standards. It has an obligation not only to the community but very definitely to itself.

The December issue of Voo Doo was a disgrace to MIT. Vulgar and offensive to all good taste, it made students and faculty ashamed of a publication of which they would like to be proud.

The acceptance of a position on the managing board of Voo Doo is the acceptance of a challenge and a responsibility. To cater to a market for pornography is a failure to discharge this responsibility.

The report of the Ad Hoc Committee on past infractions of decency by Voo Doo, together with my implementing letter, was delivered to the Voo Doo managing board on the day of the publication of the December issue. I felt, however, that the contents of the issue were so offensive that action would have been taken had there been no report from the Ad Hoc Committee. Consequently, I asked the student Judicial Committee for a recommendation for action. The Institute Committee, acting independently, did the same. The

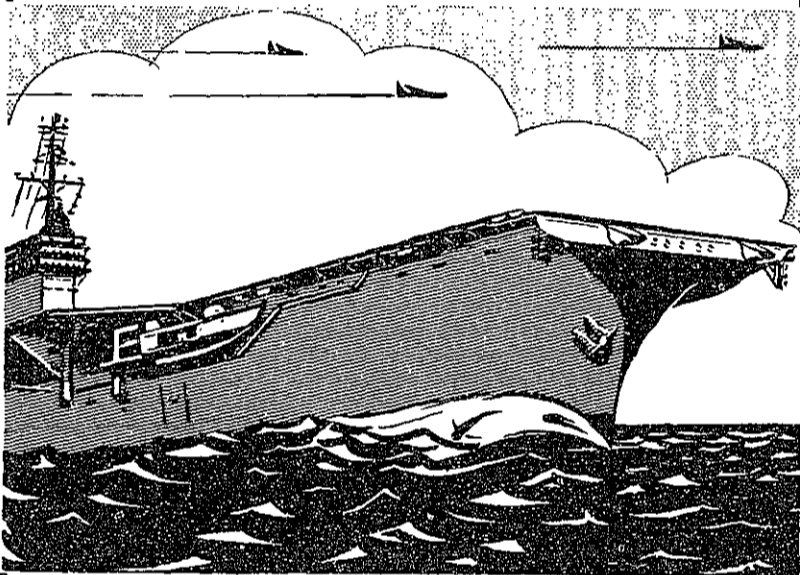
recommendation of the Judicial Committee was that the managing board of Voo Doo be suspended and that a committee be appointed to find a new managing board.

The recommendation, however, was also presented to the Institute Committee. The Institute Committee felt that the issuance of the Ad Hoc Committee's report together with my implementing letter in fact constituted sufficient action. I shall accept this decision.

There is general agreement that there is a place on campus for a humorous magazine of high standards. Certainly any serious institution needs the light touch, needs to be made fun of in its seriousness, and is the better for healthy satire. We are, I believe, in agreement that our efforts should be spent to develop a good Voo Doo—not to destroy a bad one. I believe that accomplishing this requires time for re-orientation of ideas and methods. I therefore suggest to the Voo Doo Board that it delay further publication until it can obtain constructive help to develop editorial policies which will lead to a better magazine. I would certainly suggest that it consult with as many faculty and alumni who are familiar with the problems as are available, including former board members.

John T. Rule,  
 Dean of Students

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**INTERVIEWS**

DECEMBER 11 ROOM 1-173 9 a.m.-5 p.m.

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**Noted Historian Will  
 Speak On Religion In  
 Third Burg Lecture**

Dr. Theodor H. Gaster, noted scholar and author will give the third Morris Burg Memorial Lecture, entitled, "What is Religion?", in Kresge Auditorium Sunday, December 8 at 8 p.m. In this lecture, presented by the MIT Hillel Society, Dr. Gaster will endeavor to define the nature of religion on the basis of his studies of Judaism, Semitic languages, and the history of religions.

Dr. Gaster is author of the recently published *Dead Sea Scriptures*, an English translation of the Dead Sea Scrolls. Working in twenty-nine languages and dialects, he has written numerous other studies on the religions and civilizations of the ancient and Near East. He is now completing a new abridgement of Frazer's classic work, *The Golden Bough*. His work, *The Oldest Stories in the World*, which were translated and retold with folklore comments, is to be reissued soon as a pocket book by the Beacon Press.

The lecture, to be followed by a discussion period, is open to the public without charge.



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# FROSH, VARSITY HOOPSTERS OPEN

## Freshmen Hoopsters Drop Two Contests; Springfield, JV's Win

Though losing their first two games of the season, Beaver freshman basketball team has shown signs of great potential. Tech frosh dropped their opener Monday 72-62 to a strong Springfield freshman team on the Teacher's home court. Wednesday night they followed with a 74-54 loss to MIT's Junior Varsity basketball team in Rockwell Cage.

Trailing by almost twenty points about midway in the second half against Springfield, Beavers suddenly came to life and pulled to within 5 points of the lead. But Tech's hustle and determination in the last minutes of play were not enough to overcome the Teacher's strong scoring attack, which included hitting 46 per cent of their shots from the field. Top scorers for the frosh were sharp-eyed Brian White with 20 points, and Phil Robinson with 12 points.

Dropping behind the Junior varsity right at the start, the Frosh were on the tail end of a 43-22 score at half-time. With 10 minutes remaining in the second period, they were trailing 57-24 having scored only two points in 10 minutes of action. Then the Frosh caught fire as the seven-man Junior Varsity squad began to fire, and rolled up a 30-17 count in the final ten minutes. Once again Brian White and Phil Robinson led scoring with 14 and 11 points, respectively, and Harry Elliot tallied 11 points.

## MIT Varsity Drops Two; Edged By Springfield, 68-67

The present MIT basketball season, which had the prospect of being one of the most successful in recent years a week ago, got off on a rather poor foot this week as the hoopmen dropped their two opening games to Springfield and Amherst.

In the opener last Monday night the team traveled to Springfield, where they lost a 68-67 heartbreaker, after leading most of the way. Sophomore guard Herm Burton lead the MIT scorers with 20 points on nine field goals and two free throws.

### Howard Opens Scoring

Center Norm Howard '58, back in action after a year's layoff, opened the scoring to give the Engineers a lead they held during the entire first half. Burton's jump shots accounted for a majority of the Engineer scoring, as they led 19-12 at the ten minute mark and 30-23 with five minutes to go. Springfield suddenly caught fire and narrowed the margin to 35-34 at half-time.

### Springfield Press Effective

Dennis McGinty '59 dropped in a layup in the opening seconds of the second half to open the lead to three, but Springfield immediately put on a full court press which handcuffed the Engineer offense. The winners went out in front for the first time 39-37 before Burton broke the ice with an inside shot on a beautiful pass from Captain Mac Jordan '58. With Walt Humann '59 leading the way with beautiful rebounding and two long jump shots the Engineers shot into a 51-44 lead.

Again the team seemed to fall apart as the Teachers fought back to tie the score at 51 all as the quarter ended. Springfield finally removed their press but the game became very sloppily played by both sides. Excellent defensive work during this period by Howard helped check Springfield as they went over four minutes without scoring. MIT was unable to do much better, however, and held a slim 54-51 lead with six minutes to go.

### Ties Score Again

The teams exchanged free throws, as McGinty and Lee Cooper '59 each hit two for the Engineers, but the Teachers sandwiched in two field goals and tied the game again at 58-58 with three minutes remaining. Springfield moved into the lead again but Burton tied it back up at 60-60 on a driving layup with 1:40 remaining.



MIT's Walt Humann shoots in third quarter action against Amherst, as Morris Wise guards him.

## Amherst Runs Wild In 88-51 Victory

Superior floor play and a height advantage combined to give the Amherst Basketball team an 88-51 victory over the Engineer varsity last Wednesday night in the MIT home opener. The Lord Jeffs, who made the eastern regionals of the NCAA championships last year, gained some revenge for last year's meeting, in which a scrappy MIT team drove them into an overtime before bowing by two points.

The game started off on even terms, with both teams trading goals, and was tied at 18-18, and 20-20. With five minutes to go in the half, the Lord Jeffs had managed to build up a narrow 26-23 lead, when the entire MIT team seemed to collapse. Amherst threw on a rugged full court press and by half-time the score stood at 25-42. The Engineers shot 10 for 22 in the first half for a 46% average while Amherst hit 21 for 49 for a 43% mark.

The opening minutes of the second half again found the two teams on even terms. After eight minutes of the half the Lord Jeffs had been able to add only one point to their lead, as the score stood at 52-34. Two field goals and a free throw by center Norm Howard '58 carried the Engineer offense through this period.

Again the Engineer team seemed to fall apart at the seams and the score ran to 64-34 before MIT was able to score. Outstanding during the closing minutes was the play of Eric Hasseltine '59, who dropped in nine points.

In the second half the Engineers shot 7 for 36 for a 19% average while Amherst hit 18 for 31 for a 58% average. The Lord Jeffs grabbed 46 rebounds to MIT's 32 but hit only 42% from the line compared to MIT's 57%.

	MIT	FG	FT	Pts.
Jordan f	3	0	6	6
McGinty i	0	2	2	2
Howard c	3	3	9	9
Burton g	3	4	10	10
Cooper g	0	3	3	3
Humann g	4	0	8	8
Hasseltine	2	5	9	9
Rachofsky	1	0	2	2
Morrow	0	0	0	0
Repetto	1	0	2	2
Larson	0	0	0	0
Totals	17	17	51	

## Seniors, Sophs Fill Squash Positions In Dartmouth Opener

Under the coaching of Ed Crocker, the four returning squash lettermen have been scrambling for the top positions vacated by last year's graduates. Sophomores have rushed in to fill up the remaining gaps. It looks as though the final slate in the opener with Dartmouth tomorrow will have five seniors and four sophomores up against the Indian nine.

Cal Morse '58, playing in the number one position will have stiff competition from Dartmouth's top ranked Red Hahn '58 who will be trying to recoup last year's defeat at the hands of Juan Hermosilla. Cal won against Adelphi and Trinity while playing six last year.

The next three players, also returning lettermen, are Dick Barone '58 who moves to the number two position from five; Jessie Wallace '58 from four to three; and Chuck Leonard '58 from eight to five. All three men won against Adelphi last year and have been hard at work in MSRA competition.

Sophomore Colin Clive joins the varsity in the number five spot while Bob Hecht '58 moves from the nine spot up to six. The next three sophomores, Bob Hodges, Jim Pennypacker, and John Lifshitz, will have a hard time with Dartmouth's depth.

An experienced freshman team has already won three out of four MSRA "D" matches. Faired Saad at one and Loutfy Sherbiny have played the English version of the game in Egypt while Howard Rosenthal played for Shadyside Academy.

### JV's Discontinued

Junior Varsity Basketball has been discontinued, announced coach Martin Goldstein after the JV's first game Wednesday night.

Only seven men were on the roster after Varsity cutting, and lack of interest was the reason for the action.

The JV's had a full season scheduled, which included Coast Guard, Wentworth, W.P.I., and Wenham Jr. College.

Robert Whitelaw, freshman coach, commented that "the lack of interest is probably partly due to the increased interest in fraternity teams, caused by the new facilities."

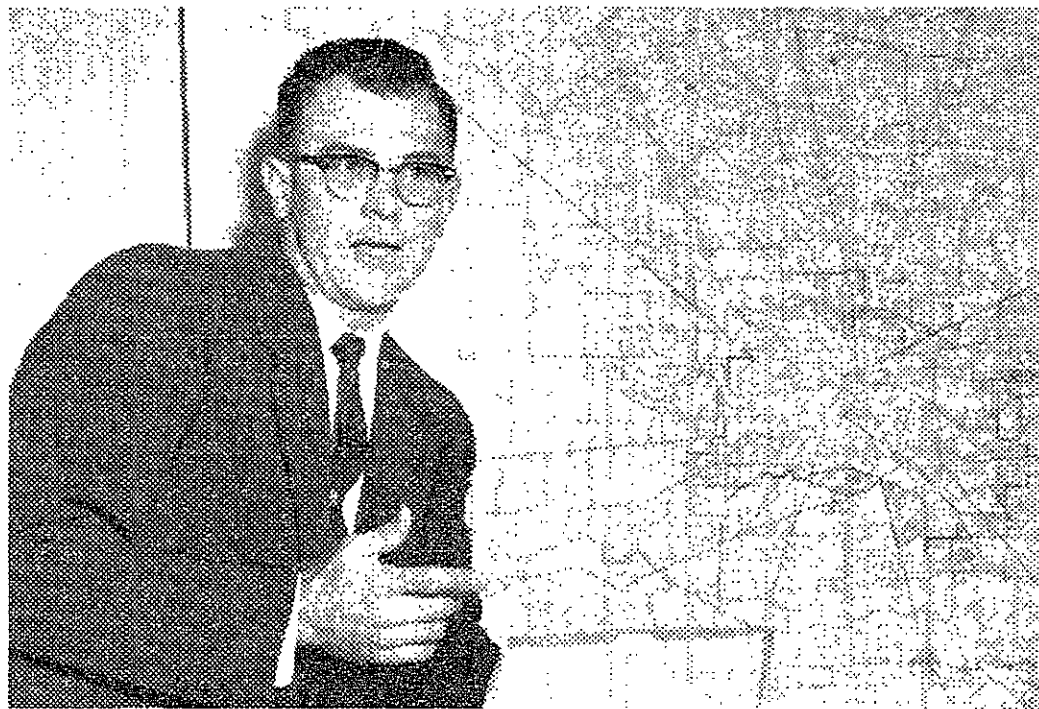
In the future, JV basketball will be scheduled only if their is sufficient interest to make a team worthwhile.

Springfield suddenly got hot again and put three free throws and a jump shot together to move into what looked like an insurmountable 66-61 lead with 50 seconds remaining. Howard hit two free throws, however, and Cooper made a beautiful steal and fed to Burton who hit a jump to cut the margin to one point with 30 seconds remaining. The Teachers were not to be denied and held the ball successfully until a desperation Engineer foul gave them two free throws and a 68-65 lead with eight seconds to go. Howard hit a last second shot on the ensuing play but it wasn't enough as the game ended 68-67.

Although the overall floor play of the Engineers was erratic, this is to be expected in the opening game. They were able to gather a total of 55 rebounds, and hit 14 for 34 from the field in the first half for a 41% average and 10 for 33 in the second half for a 30% average.

	MIT	FG	FT	Pts.
Jordan f	4	3	11	11
McGinty f	4	4	12	12
Howard c	2	8	13	13
Burton g	3	2	20	20
Cooper g	3	2	8	8
Humann	2	0	4	4
Hasseltine	0	0	0	0
Larson	0	0	0	0
Rachofsky	0	0	0	0
Totals	24	19	67	

### A Campus-to-Career Case History



### "I looked at all the angles"

Howard R. Winter, B.B.A., Texas A. & M., '51, is now a Commercial Manager with Southwestern Bell Telephone Company in Houston, Texas. He's in charge of 30,000 telephone accounts and a staff of 36 people.

Howard's interest in a telephone career dates from his first interview with a telephone company representative. "I looked at all the angles," he says. "We discussed pay and chances for advancement, which looked excellent because of the rapid growth of the Bell System. We talked about many different kinds of work, and about what would be expected of me."

After receiving his degree in business administration, Howard joined

Southwestern Bell's Commercial Department. "It was natural for me," he says. "I have a business background, I like to sell and make contacts.

"My training gave me a really solid foundation in the business. Two years in the Army interrupted it, by the way, but the two years were credited to my telephone company records and count toward all benefits. After I'd returned and finished my training, I was made a business office supervisor. And since February, 1956, I've been a Commercial Manager in Houston. Each assignment I've had has been a real challenge and has presented a tremendous opportunity to contribute to and advance in the business."

Be sure to investigate the career opportunities for you in the 17 Bell Telephone Companies serving all 48 states. On your campus the local company represents the others. For more information about these career opportunities, read the Bell Telephone booklet on file in your Placement Office, or write for "Challenge and Opportunity" to: College Employment Supervisor, American Telephone and Telegraph Co., 195 Broadway, New York 7, New York.



# WRESTLING, HOCKEY AND SWIMMING BEGIN

**Lack Of Experience Handicaps Wrestlers; Frosh Look Strong**

MIT wrestlers open their season tomorrow, meeting Tufts in the cage. Wrestling hopes are marred by the fact that five of last year's lettermen graduated, and one other did not turn out for the squad. Leading the wrestlers will be letterman Mike Flint '57, and JV matman Bob Blum '59 and John Linderman '59.

**Experience May Tell**

In the preseason practices it looked as if Tech were strong in the light class, but weak in the heavy division. However, the development of the new men on the team may make MIT a strong contender for the New England Intercollegiate Wrestling Association title held in the spring.

Last season Tech took three first places in its eight matches. In the NEIWA they compiled only 17 points, to place fifth in a field led by Springfield with 78 points.

**Frosh Strong**

The matmen will have the strongest freshman team in years, judging by practices so far. Many of the candidates have had much high school experience. The team is led by Dave Latham, Reed Freeman, John Sullivan, and Andrew Bulfer.

## MIT Icemen In Action Against Norwich; A Spirited Squad In Tonight's Opener

A highly spirited but somewhat undermanned MIT hockey team takes the ice for the first time this Friday night facing Norwich on the rink. Led by outstanding defenseman, Captain Paul Ekberg '58, the pucksters will be out to improve on last year's somewhat disastrous record. Graduation, however, has cut deeply into the ranks and Tech will play its first few games with only two regulars, Ekberg and center George Packingham '59. Paul Skala '59, out with appendicitis, will be sorely missed until the first of the year, as will defenseman Bob Bailey '60, injured in an automobile accident.

Once again, Tech has been handicapped by lack of ice in the early season, and since offensive polish requires more practice, MIT will have to rely on a defensive game with Ekberg, defenseman Roger Stowell '60, and goalie Dick Burgie '58 carrying most of the load. On the first line will be Packingham, Ed Sullivan '58, and Jon Weisbuck '59. Backing them up will probably be Larry Turner '59, Bill Jobin '59, and Charlie Blaney '58. Others who'll be seeing action are Dave Berg '58, George Kirk '60, Dale Rhee '60, Bill Seeley '58, Bob Stein '59, Charlie Kelly '59, and Sid Altman '60.



Varsity pucksters in pre-season practice. Lack of ice until about one week ago, and two missing regulars will hamper the team in their opener tonight against Norwich.

photo by E. B. Cantor

**Aggressive Team**

Tonight's game will see Norwich in a better position due to extra practice and one game which they dropped to Dartmouth, rated 8th in the East, by a 5-2 margin. Spirit could make the difference, however, and hockey fans will see a far more aggressive team tonight than was ever shown last year.

**SCEPTIC'S SEMINAR**

Prof. Gordon Brown will discuss "Professionalism, Technology, and Technicians" on Wednesday, December 11 at 5 p.m. in the Jackson Room. Refreshments.

**MITMA**

Prof. George P. Wadsworth will address the MITMA on "Applications of Operations Research and Probability Theory to Industry," December 11 at 7:15 in the Miller Room.

**BAND CONCERT**

The MIT Concert Band will give a free concert in Kresge Auditorium on Saturday, December 7, at 8 p.m.

## Returning Lettermen Bolster Swim Hopes Go Against Bowdoin

Tomorrow afternoon at two o'clock, MIT's varsity swimmers, coached by Gordon Smith, open their eleven meet season against perennially strong Bowdoin at the Alumni Pool. The Engineers will be looking to avenge last year's edging by the visitors.

Twelve returning varsity lettermen and several promising prospects up from last season's freshman squad give the current Beaver team outstanding individuals as well as vitality needed depth.

Leading the sprinters in practices to date is John Windle '60, with Co-Captain Will Veeck '58, Roger Kane '59, Jack Kossler '59 and Bob Barrett '60 close behind. Aec distance men on the Tech squad are Co-Captain Murray Kohlman '58, Bob Brooker '59, and Clarence Kemper '60.

Burnell West '60 heads the Beaver breaststrokers, as his performance in the All Institute meet beat his best previous time by four seconds. Other Techmen in this event will be Lynn Jacobson '59 and Tom Laase '60.

**Strong In Backstroke**

In the backstroke, MIT appears to have its strongest aggregation. Led by Neil Divina '59, sole victor last season over Harvard, and aided by Al Johnson '58, and Charlie Rook '60, the home team should dominate this event. Butterflies Ed Getchell '59, Bob Ten Eick '59, Rook and Kane give the exceptional depth which should be demonstrated throughout the season.

Through graduation, Tech lost their diving star of three years, Dave Bryson '57, but diving Coach Charlie Batterman has been working with veteran Dave Cahlander '59 and Anton Simpson '60.

## Humble offers OPPORTUNITY in the Oil Industry

Interviewing teams from Humble Oil & Refining Company will be on the campus December 9 and 10 to interview students graduating in the following fields:

**Engineering at all degree levels, and physics and chemistry (advanced degree levels only).**

Engineers and scientists at Humble share in the dynamic progress and growth of a leader in the petroleum industry. Humble is the leading producer of crude oil in the United States. Its Baytown Refinery is one of the largest in the world. Research centers in Houston, for development of better methods of exploration and production, and at Baytown for research in refining, are making valuable contributions to the petroleum industry.

**A QUICK LOOK AT THE HUMBLE COMPANY**

- Area of Operation:** Texas, New Mexico, Florida, Alabama, Georgia, Mississippi, Louisiana, California, Washington, Arizona, Oregon.
- Wells Drilled Annually:** 900-1000
- Crude Oil Production:** Averages 350,000 barrels daily.
- Refining Capacity:** 280,000 barrels daily.
- Retail Sales:** Texas and New Mexico. Leading Texas Marketer.
- Humble Pipe Line Co.:** Operates crude oil and products pipe lines in Texas; transports an average of 750,000 barrels daily.

For a rewarding career in the petroleum industry, discuss your future with the Humble Company interviewing team. Check at your Placement Bureau for time and place for interview.



**HUMBLE OIL & REFINING COMPANY**



Sunday Evening DECEMBER 8 at 8 o'clock  
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**The COOP**

## bush leaguer

Taking full advantage of the added facilities gained by MIT's purchase of the armory, interest in intramural basketball has grown considerably this season, with the result that there are forty-one squads competing in seven leagues; six having a half dozen teams, and one with five.

In League I, Theta Chi "A" has climbed to the top by victories in their opening games, and looks to be headed for the league title.

Grad House "A" and Beta Theta Pi lead Leagues II and III respectively with a pair of wins each. In

V, Sigma Chi has shown tremendous scoring potential in their pair of triumphs with Sophomore Bob White hitting for 25 points a game.

League VI has Baker "A" and Alpha Tau Omega tied for first with records of 2-0. The Baker wins have been paced by their high-scoring center, Dick Bradt '60.

In League VII, Delta Tau Delta is undefeated in two encounters, while Phi Gamma Delta has played and won one. Every squad in League IV has met defeat at least once, leaving that race a tossup.

### SEX CLUB

Sigma Epsilon Chi, the Junior honorary drinking society, will hold its weekly meeting tomorrow at Delta Kappa Epsilon, 403 Memorial Drive. A great deal of accumulated business is on the agenda and all members and their dates are urged to attend. Cocktails will be served commencing at 4:30.

### FRESHMAN LEADERSHIP CONFERENCE

The annual Freshman Leadership Conference will be held tomorrow at MIT's Endicott House. The conference will start at 10:00, and cars will leave Walker Memorial at 9:15 a.m.

### SALES

Positions are still available on the Tech's sales staff, both for newspaper sales and subscription sales. High commissions are offered.



photo by M. Blum  
Tech's spirited coed cheerleaders take the floor during halftime. This MIT squad is made up of seven girls, complete with uniforms.

### CLASSIFIED COLUMN

**BRIGHTON—OAK SQUARE.** For rent 3 room apt., unfurnished, (furnished if desired), cabinet kitchen, white sink, porch, parking space, near stores and transportation. Rent reasonable. Call Ext. 4241, or after 7 p.m. BE 2-5067. Mrs. Kallmes.

**FOR SALE—1926 Nash Sport Coupe** with rumble seat. In good running condition \$150. Dick White, TW 3-4665.

**TYPING SERVICES—Call Mrs. Gerrit Toebes, 43 Westgate, EL 4-6833.**

**FOR SALE—Voightlander Prominent. f 1.5 lens, 1/500 sec. shutter. Used—only \$150.00. Regularly sells for \$275.00. See Louis Nelson, Goodale 106, East Campus.**

**WANTED—Freshmen and Sophomores** who have, or think they might have, financial and business abilities. (Also those who just want to make money.) Contact THE TECH Advertising Department, Walker 032, Sunday or Wednesday afternoons, or call Bemis 504, East Campus for information.

**TO RENT:** Monthly rates, 6 yr. size Baby Cribs and Mattresses—\$1.50, Scales \$1.50, Baby Carriages \$3.00, Play Pens \$1.50. Special Student rate. Small deposit required. Other rentals. Lullaby Shop, 362 Harvard St., Brookline. LO 6-9487. Open Mon., Wed., Thur. 12:30 to 9:00 p.m., other days 12:30 to 5:30 p.m.

**WANT a Christmas present? Buy it yourself**—with money you can make easily by selling some of your old possessions, equipment or supplies—with a THE TECH CLASSIFIED AD.

THE TECH classified ads really do pay off. No matter what you're selling, buying, or giving away—THE TECH can help you. And THE TECH reaches all of the Institute, too: dormitories, fraternities, graduates, married students, faculty, and employees. And, best of all, this service costs only 10c per line (a pittance considering the benefits). Phone THE TECH at TR 6-5856, Institute extension 2731, or the East Campus line; or send your ad through the Institute mail system.

Folklore Society presents

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Folkways Recording Artist

JORDAN HALL DEC. 14 8:30 p.m.

30 Gainsboro St., Boston

Tickets: \$2.50, \$2.00, \$1.50

at Box Office, at Book Clearing House, Boston, or Briggs & Briggs, Harvard Square



### LOVE IN THE LAUNDRY

Last month we got the following letter:

Dear Van Heusen, you rats:

Thanks mucho for breaking up the hottest romance since Scarlet and Rhett. Me and Laundry Mark x428Fy might be honeymooning in Palm Beach today if it wasn't for your so-called smart ideas. Go shoot yourselves in your ulcers. Respectfully yours, Dorothea Jones.

We tracked down the story behind it and found that Miss Jones worked a steam-iron at the Acme Laundry in Eastpox, N. J. Last year, while ironing a shirt belonging to Laundry Mark x428Fy, she had noticed a small piece of paper protruding from the slot on the collar. Curious, she pulled it out and read: "Whoever you are, I love the way you press my shirts. I think I may love you too. Interested?" She blushed, but daringly wrote her answer - "Interested, sorta," and slipped it in the collar-slot. Ten days later came another shirt from x428Fy and, sure enough, another note: "If you can cook like you

can write I may be smitten beyond recall. Fascinated?" This time she almost swooned, and wrote back, "Wow, am I!" Anyhow, note followed hot note and Miss Jones began thinking of turning in her steam-iron for a marriage manual. Until one day tragedy struck. x428Fy's shirts arrived as usual, but when Miss Jones turned to the slot she found it *sewn-up*. Frantic, she tried to rip it open. No luck. She could feel something thin inside, but she couldn't get to it. And that's how it's been ever since!

You see, x428Fy had switched to slotless Van Heusen Collarite shirts—with *seven-in-stays*! You should, too! These micro-thin stays can't get lost, keep your collar flat, and launder with your shirt! Specify Collarite next time.

And don't feel bad about Miss Jones. She took her unhappiness out in hard work and was promoted to assistant manager. We expect a thank-you note from her any day.

**Nation Wide Career OPPORTUNITIES with ATLAS**

Established in 1912, ATLAS, today, specializes in industrial chemicals and commercial explosives for mining and construction activities. Our 11 manufacturing units and 4 Research Centers, located in all sections of the country, employ more than 4200 people in an industry that is destined to grow many times larger as our expanding national economy gets into high gear in the early '60's.

That means real career opportunities for you graduates who have the foresight to move into this field while much of our future expansion is still in the planning stage, for in addition to stepping up technical work on our products and processes, we are greatly intensifying long-range basic research to develop knowledge about entirely new products and techniques of importance to ATLAS customers and suppliers. These special openings will have an unusually strong appeal to —

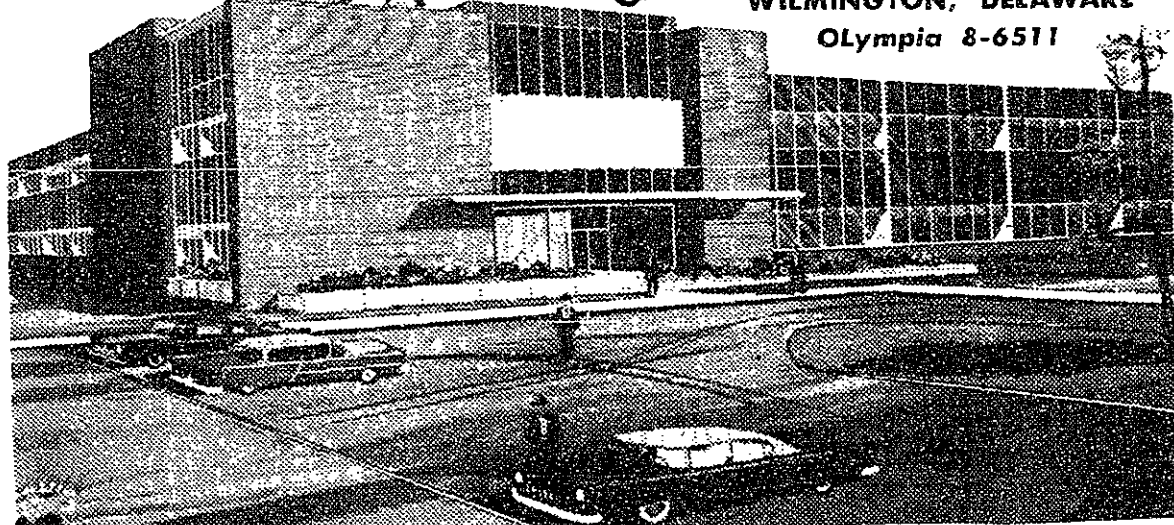
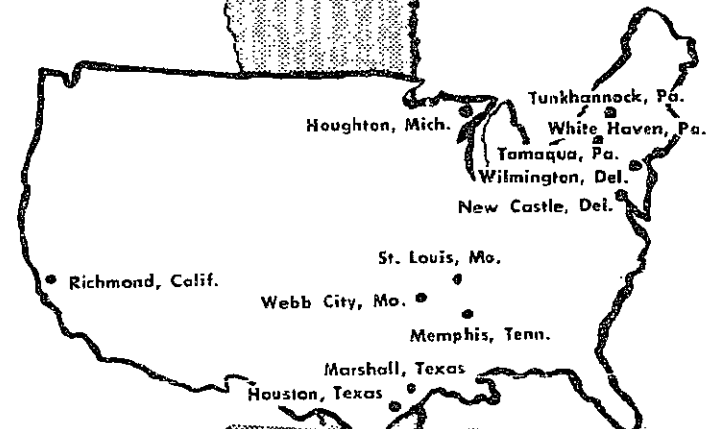
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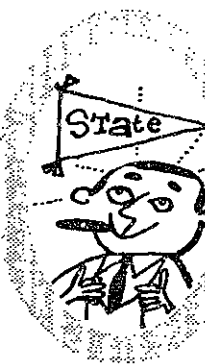
### Men in the know know true from false



College graduates who make the most money have the fewest children.

TRUE  FALSE

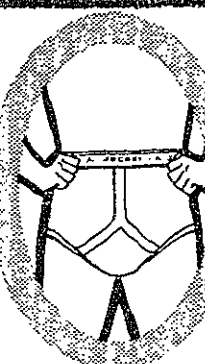
False. College graduates have less children than average, but, among all college graduates, those with the highest income have the largest families. This is one instance where the rule of "more money less children" doesn't hold true.



Three out of four college grads are satisfied with their choice of school in later years.

TRUE  FALSE

True. Graduates of all ages polled on this subject expressed overwhelming satisfaction with the schools they selected. More than three out of four graduates say they would attend the same school if they had it to do over again.



Coopers, maker of Jockey brand underwear, try to make you forget their products.

TRUE  FALSE

True. Jockey brand undergarments are famous for comfort. Their trim fit—no bind or chafe—literally makes you forget you're wearing them... they're designed to make you comfortably forget them.

Men on the go go for **Jockey** underwear



made only by **Coopers**