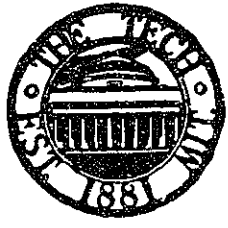


# The Tech



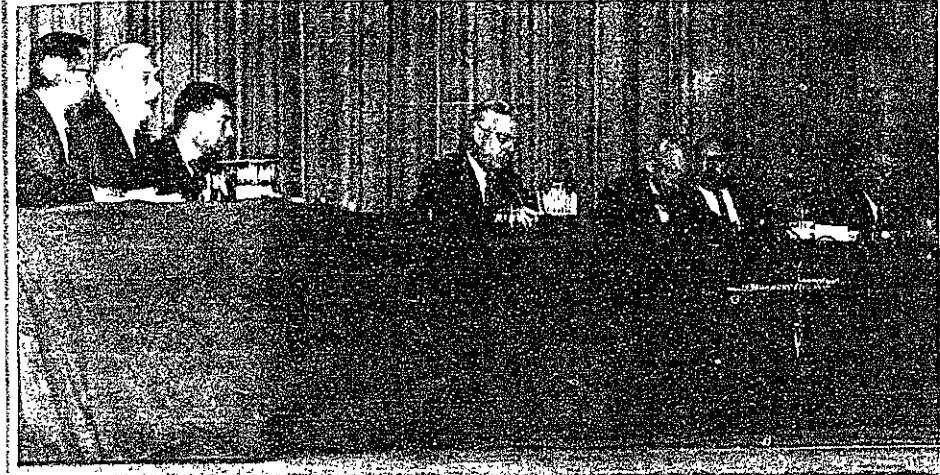
NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVIII NO. 5

CAMBRIDGE, MASSACHUSETTS, TUESDAY, FEBRUARY 25, 1958

5 CENTS

## Institute Is A Professional School



THE PANEL: left to right, Dr. Brown, Professor Burchard, Mr. Roddy, Mr. Canham, Dr. Means, Dr. Wilbur, and Dr. Weiner.

## Panel Concludes MIT Must Impart Social Responsibility To Graduates

"MIT: A Professional School?" "Yes," summarized Edwin Canham, moderator of the panel discussion held in Kresge Auditorium last Friday, February 21. He added that the group felt there was a small, diminishing touch of the trade school, but also a growing university spirit.

The panel was asked five specific questions under the general topic MIT: A Professional School? they were: "What are the natures of science and engineering as professions?; What special responsibilities, if any, do the scientist and engineer hold to society?; Do the responsibilities of the scientist and engineer differ from one another?; How does MIT attempt to convey these responsibilities to its undergraduates?"; and, "How might it improve its present methods of conveying these responsibilities?"

Professor John E. Burchard '23, Dean of the School of Humanities and Social Studies, thought that a definite responsibility to clarify the truth existed. The best way to convey this responsibility to MIT undergrads, he felt, would be to reduce the Institute enrollment by half while retaining the present faculty. This would permit closer communication between students and the faculty and administration. In support of his proposal he related the story of a writer for *The Tech*, archenemy of the administration, who had reported an occurrence with a very unfavorable slant, but after learning all the facts, heartily approved of the subject.

(Continued on page 5)

## MIT AA Elects Ekberg, Drew

The MIT Athletic Association held its annual elections for officers Thursday night.

Elected President was Paul Ekberg '58 who will receive two degrees a year from next June. He replaces Dan Holland '58.

Mike Drew was elected Varsity Vice President, replacing Glen Strehle, and Dave Berg was replaced by George Stivers as Intramural Vice President.

Dick Northrup was elected Recorder, replacing Bill Putt.

The Athletic Association is an organization of students responsible for athletic activities at MIT, working with the Athletic Board. In the past, it sponsored Field Day, and at present is in charge of approving budgets for all teams.

## Inscomm Halves Its Membership, Dropping UAVP, Coed Rep., Frosh And Senior Reps.

Institute Committee cut its own membership in half at a meeting last Thursday night. The representative of the Association of Women Students, the UAVP, and the Freshman and Senior Class Presidents have been dropped from Inscomm. The Commuters have been cut to one representative, the fraternities to two, and the dormitories to the three house presidents. The membership of Inscomm now stands at eleven representatives, a Secretary, and a Treasurer, making a total of thirteen members.

These changes were embodied in a report presented by Bob Jordan '58, IFC Chairman. This report was the result of the work of a committee headed by Jordan, which was set up last January 14th. This report envisioned an Inscomm as "an effective decision making-group composed of people with backgrounds in specific realms of student government or activities, to be typified by small size."

Dick Hughes '58 justified the lack of communication and representation in such an organization by the hypothesis that the students do not really feel that Inscomm is an effective body.

According to Jordan's report, three principles were used in formulating the new membership:

1. The most responsible individuals from a body were to be chosen, and second-hand representation was to be avoided.

2. Inscomm's activities would try to avoid "busy-work" and long, rambling debates.

3. Living groups were the most important area of representation, with activities second, and classes third. Living-group representation was set up in a 3:2:1 ratio for dormitory, fraternity, and commuting residents respectively. This numerical proportion was the basis for eliminating the women students from Inscomm.

Offices remaining unchanged on Inscomm are the UAP, the President of the Activities Council, and the President of the Athletic Association. Non-voting members will include a Secretary, a Treasurer, and Subcommittee Chairman, as at present. It was decided that the Treasurer will be the next in succession to the office of UAP.

The dormitory representation now stands as the three house presidents. This provision was passed over the strong objections of the Baker and East Campus representatives. They reiterated the stand of their own House Committees, that the presidents were too busy and that a chosen representative would be preferred.

The office of UAVP was abolished because Inscomm felt that the office had no responsibility, and that adding any duties would be superfluous. The new IFC representation consists of the IFC President, and a fraternity representative elected at large, who shall have been a house president.

(Continued on page 8)

## Frank Lloyd Wright To Speak In Kresge, Sponsored By LSC

A controversial and much-honored structure will house a controversial and much-revered architect when Frank Lloyd Wright speaks in Kresge Auditorium at 5:00 p.m., tomorrow. Tickets, which are available free in the lobby of Building 10, from LSC will be honored until 5:00 p.m. after which admission will be open to non-ticket holders.

Mr. Wright will speak on "American Architecture".

He is best known, recently, for his design of a "mile high" skyscraper which, though structurally sound, has not been built, and is regarded as somewhat bizarre by some architects. Other recent designs include the Guggenheim Museum in New York City, and a combination apartment building and office in the middle of the Oklahoma plains.

He originally became famous for designs which harmonized with their surroundings, using new methods of construction and new materials which had been overlooked or avoided before.

(Continued on page 3)

## Coeds Fight Expulsion From Inscomm, Seek Status As A Group

The removal of the representative of the Association of Women Students from Inscomm has stirred deep feelings among the coeds. Last Thursday's meeting, at which this action was taken, was attended by eleven militant coeds. They presented a petition which had been unanimously adopted at an AWS meeting the previous night. This petition strongly urged that the coeds not be removed from government. As AWS President Toni Deutsch '58 commented, "it all seems to bear overtones of oligarchy, with a vague resemblance to a purge of the weakest."

The petition to Inscomm stressed that, if the AWS representation were removed, they would have no status at all. They would be neither a governmental organization, a living group, a social group, nor an activity, and would have no part in any student organization.

### Coeds Refute Jordan's Claim

Miss Deutsch said, "It was claimed by Mr. Jordan and a few others that the number of coeds at MIT is so small as to invalidate any claim to representation on a body of such 'august' stature as the new eleven-man Inscomm." The AWS petition takes strong exception to this claim, stating: "The coeds represent a unique 2.8% of the student body . . . The coeds have been trying to create a place for themselves in the Institute community and gain prestige and a meritorious reputation . . . If you (Inscomm) eliminate our seat, you will destroy all that we have tried to do." Miss Deutsch cited the fact that a full twenty per cent of her constituency came to the meeting as an indication of the serious interest that the women students take in campus affairs.

One of Inscomm's suggestions would have the Association of Women Students established as a class A activity. Toni Deutsch said that she would refuse to accept such a classification, and seek instead either to regain the seat on Inscomm or to obtain representation on Dormitory Council. Several officers of Dormcon expressed their willingness to have the AWS so represented.

### Attempts For Representation

Among the gambits attempted by Miss Deutsch at Thursday's Inscomm meeting was a suggestion which would have had the house presidents of 120 Bay State Road and Bexley Hall go to Inscomm as dormitory representatives.

(Continued on page 5)



Miss Elaine Beane '59, who will play the female lead in the forthcoming Tech Show '58, is one of numerous coeds who participate in the non-curricular life of the Institute.

## Tech Coeds Play A Special Role

The Tech Coed has been a part of the Institute's student body, and, often to her dismay, of its folklore, for as long as she can remember. Her numbers have always been small—about a dozen from each undergraduate class plus a few more in the graduate school.

For years the Coed was given no place to live. Each fall she went apartment-hunting, finally settling down in a flat apart from her fellow coeds and from the campus. The acquisition of the Women's Dormitory at 120 Bay State Road helped matters; however, it houses only seventeen girls.

The coeds were given part of Bexley Hall, on Massachusetts Avenue, last fall. It is conceivable that the entire building will eventually be given to them. When that happens, the Institute will be able to admit a higher percentage of the coeds who apply. (Last year 120 women applied; only fourteen were admitted.)

Coeds have always been active in MIT life, especially in extra-curricular activities. One coed is a national swimming champion; another has the lead in Tech Show '58.

Last spring, Chancellor Stratton said that, "Women are here to stay, and it is our hope to make them feel more a part of the MIT community." To many, it would seem that the latest Institute Committee action lacks the ring of hospitality.

## Iron Birds Caged In Bldg. Seven Lobby

## Missiles Are Displayed Here

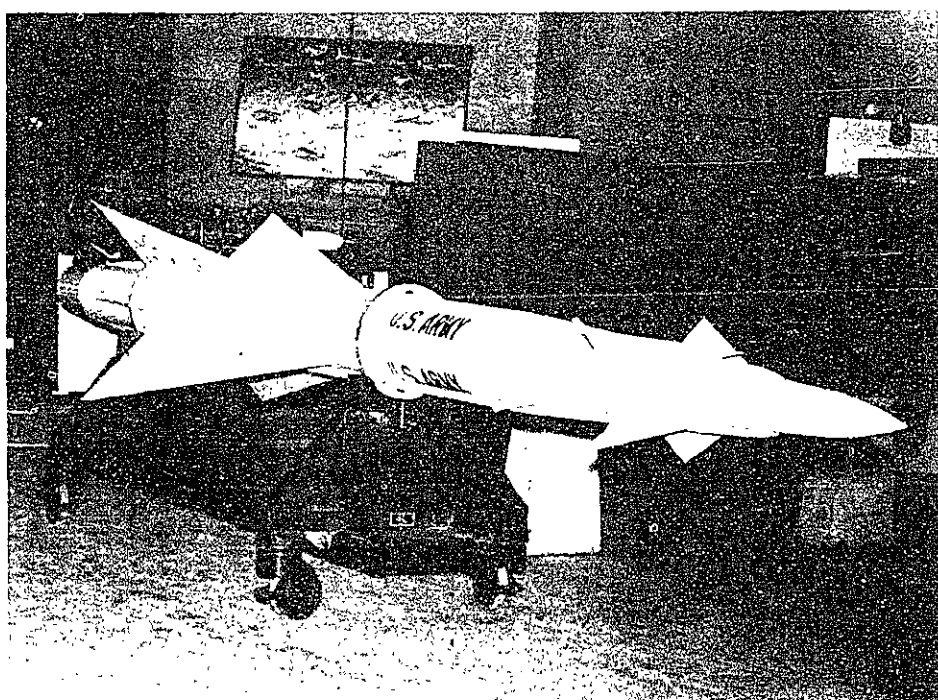
The largest missile exhibit ever held in New England was opened in the lobby of Building Seven yesterday. Sponsored by the department of aeronautical engineering, the exhibit includes about 20 major displays, ranging from a 7-foot, 7 ton Air Force BOMARC to a series of small-scale models of Russian and U. S. missiles.

Besides the BOMARC, which is being shown for the first time in New England, other missiles in the exhibit include a HAWK, a SPARROW III, and NIKE. Models of the Navy's TERRIER and SPARROW I, along with a one-third scale cut-away of the NIKE, are also on display. Other items cover many recent developments in such fields as instrumentation, propulsion, and space vehicle research. The exhibit will be open to the public through next Saturday, March 1.

Some of the displays were trucked over considerable distances especially for this show. The BOMARC was shipped from Wright Field in Ohio and Republic Aviation has sent an animated dioramic display of the supersonic F-105 from Pittsburgh. Several West Coast firms are also participating.

One of the firms representing the Greater Boston area is the Raytheon Co., which is exhibiting a HAWK and a SPARROW III, Army and Navy missiles for which it is the prime contractor. The HAWK is the Army's surface-to-air missile designed to counter low-flying aircraft in conjunction with the NIKE, which is already operational in New England. The SPARROW III is an air-

(Continued on page 5)



A NIKE missile rests docilely on its dolly in the lobby of Building Seven.

# The Tech



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## Open House

Last week Dean Rule capped four months of study by the Dean's Office and by parts of the student body when he announced the open house regulations within the dormitories for the 1958-59 academic year. The Dean's announcement should meet with the approval of most dormitory residents since the rules he sets down are reasonable and consistent with the best features of dormitory living here at the Institute.

Dean Rule left almost intact the schedule of open house hours, cutting out only weekday afternoons and late Sunday evenings. He also adopted the recommendation of the Dormitory Council that a sign-in list for women guests be tried for a year, a step which will require an extension of desk service in Baker and Burton. When those two desks began shutting down at five and on weekends last fall a howl of protest went up from residents; thus, indirectly, even the sign-in rule brings happy consequences.

In praising the specifics of Dean Rule's announcement, we should remember that the Dean is, of course, dictating the open house regulations. It seems, then, that open house rules are no longer to be set by the dormitory residents themselves (or at least they are, as the Dean would say, a matter of joint concern). Further, Dean Rule also announced that "administration of this system will be the responsibility of the Dean of Students in consultation with the appropriate student governing groups." This probably means that the Dean's Office will play an active part in enforcing the rules. But this, of course, they have always done, particularly in imposing penalties on individuals which student governing groups expose as rules violators.

Of greatest significance in the Dean's announcement will be its overall effect on the campus dormitory living system. The system is a liberal one and, through its liberality, confers numerous benefits on the residents. The Dean's announcement, prescriptive as it is, is nevertheless liberal. Although it signifies the assertion of increased Dean's Office authority within the dormitories, it also represents the successful and amicable completion of a joint student-Dean's Office effort toward sharing that authority.

The Corporation, which four months ago requested the study of open house regulations, should be pleased with the way the matter has turned out. There is now on file an impressive batch of documentation pertaining to open house. More important, resident awareness of "accepted standards of conduct" is reportedly at a peak—which is probably what the Corporation was primarily aiming for.

—SMS

## letters

February 23, 1958

To the Editor of *The Tech*:

During the shuffling about in the reorganization of Institute Committee last Thursday night, Inscomm, unwittingly I am sure, did itself and a group on campus a great injustice. I am referring to the elimination of the Association of Women Students from the new Inscomm. In addition to this action, the Institute Committee arbitrarily classified the A.W.S. as an activity.

The A.W.S. objects to both of these actions. We feel

that as a unique group on campus it is our right to take part in our student government, and we are interested enough in our student government to fight for our voice on it. You may have noted that eleven of our number were at the Inscomm meeting Thursday night.

Moreover, we object to classification as a "social activity." The A.W.S. is basically an administrative organization composed of the women students here at M.I.T. with the unity and cohesion of the women students as our primary interest.

We of the A.W.S. are part of the M.I.T. student body and are interested and active in the affairs of our student government. We ask only that we be given the right which is certainly ours to take part in that student government which, in our eyes at least, is a vitally important phase of M.I.T. life.

Linda Greiner '60

editor's note:

*Miss Greiner is justifiably indignant. True, the A.W.S. representative speaks for far fewer students than do other members of Inscomm. But this is a quantitative difference; perhaps it is outweighed by qualitative factors. MIT's female enrollment is growing; though the number of incoming freshmen women was cut back this year it is conceivable that in future they will occupy an increasingly prominent place in the campus scene. An Inscomm ten years hence may reflect on the short-sightedness of the present committee. Who knows, maybe Inscomm's latest move will discourage many sweet young things from entering our fair abode. And to demote A.W.S. to the status of "social activity" may raise some very decent and suspicious eyebrows. Ed.*

## review

### One-Act Plays

Saturday evening Dramashop again presented an entertaining program of one-act plays. With emphasis on contemporary variations of ancient Graecian drama the presentations were "The Drunken Sisters" by Thornton Wilder and "A Phoenix too Frequent" by Christopher Fry. Respective directors were David Lukens '56 and Michael Meeker '58, both under the usual guiding hand of Mrs. Helen Bottomly and Professor Joseph D. Everingham. Set and light designs were done by Jack Tomlinson '60, for both plays.

"The Drunken Sisters", a satire originally intended to precede and be somewhat connected with three one-acts of more serious vein, portrayed the beguiling of the Fates by Apollo, lord of the underworld. The Fates, three vain, elderly, immortal sisters, are tricked by Apollo, through application of disguise, alcohol, flattery, and wit, into lengthening the life of King Alkestis. The sisters were played by Richard Hornby '60, Michael Padlipsky '60, and Marc Weiss '60, and Apollo by Steven Goldstein '61. Humor was rampant among the parts of the sisters with much credit deserved by Michael Padlipsky for his fine portrayal of the hag, Lachesis. Light effects at the curtain were excellently done. Characters on stage were silhouetted against a subtle blue background and the front lights shortly brought up, the time delay being nearly perfect. A longer exposure of the silhouetted characters might have multiplied the few premature titters in the audience.

"A Phoenix too Frequent" concerns Dynamene, a newly widowed Graecian lady (Jean Tolentino) starving herself to death in her husband's tomb that she might join him in Hades. With her is a servant, Doto, very humorously acted by Solveig Troxel. Complications arise when a guardsman, Tegeus, portrayed by Robert Siegel '56, enters the tomb and makes love to Dynamene. Tegeus, in charge of six executed corpses, has one stolen from him and eventually uses the body of Dynamene's dead husband to replace it. One is left with a slight suspicion that Dynamene has been beguiled by Tegeus into giving up her husband's body that he may be saved from punishment for careless performance of his guard duty. The very humorous antics of Doto in the beginning of the play set the audience in such a complete comic mood that it is felt that much of the serious meaning of the play, brought out in the latter part, was lost. The fault here seems to lie jointly with the script and a slight overemphasis of the comic role.

The customary symposium following the plays was again led by Professor Everingham. As one might expect from an MIT audience, comments were at first mainly concerned with set and lighting. Professor Everingham did rather artfully finally succeed in priming the group into some discussion of the acting performance. It was generally felt that the acting was well done. Memorization and rehearsals for both plays were completely accomplished in nine days, a feat of huge dimension.

This year's Dramashop edition of original one-act plays will be presented on Friday, March 14. MIT playwrights are encouraged to offer manuscripts. They should be delivered to Professor Everingham at room 61-003, or telephone Extension 2908 by March 1. Tryouts will be in The Little Theatre at 7:30, March 3.

P. E. B., Jr.



## THE POWER OF POSITIVE WRINKLING

While everybody knows that the soft collar on Van Heusen Century Shirts won't wrinkle, ever, a Van Heusen survey among college students has revealed that precious few know why. Here are some of the responses:

*J. L.—sophomore at the Psychodynamic Institute for Arts, Crafts, and Number Painting—"Obviously, the collar won't wrinkle, because it's afraid to wrinkle. It may have been threatened by some surly Van Heusen vice-president. Ergo, it exhibits the Cavandish anti-wrinkle syndrome."*

*G. F.—junior at Usury School of Advertising—"Collar-wise, there's no demand for wrinkles. No customer benefit. Now, this is strictly off the top of my cranium, but the statement, 'the soft collar that won't wrinkle, ever,' is too negative. Substitute 'never' for 'ever' and you not only have*

a positive statement—but—as demonstrated by that famous cigarette, this ungrammatical concept will be attention-getting."

*L. V.—senior quarterback at Miltown College—"I wouldn't be without a Van Heusen. Look here... under my pleatless shoulder pads. See? Out of simple decency, the collar refrains from wrinkling. It's this kind of restraint that recently led to our glorious victory over Birdbrain U. Not a man was scathed. Huzzah for the collar—and fight furiously, fellows."*

Yes, this is the kind of ignorance we run across. Actually, while other collars are made of 3 pieces of material, the secret of this soft collar with its wrinkle-shunning qualities is one-piece construction. Van Heusen Century shirts come in 5 collar styles. \$4 and \$5.

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# Pershing Rifles To Present "A Living History Of Jazz" Rule, Zoba, Hecht Featured On WTBS "Campus Forum" On Open House Ruling

"A Living History of Jazz", to be presented by Pershing Rifles in Kresge Auditorium on March 15, will feature John McLellan, an MIT graduate who is now a well-known jazz commentator. With Herb Pomeroy and his sixteen-man band from The Stable, a Boston nightspot, McLellan will analyze American jazz as a musical form and give a live history of its backgrounds and development.

The program will trace the development of jazz from its earliest beginnings to the newest in "cool jazz". Pomeroy's group will play selections in the style of the all-time greats as McLellan outlines and comments upon the growth of jazz. The big-band swing era will be recaptured in the music of Duke Ellington, Benny Goodman and Count Basie; bebop will be shown in the portrayal of Charlie Parker and Dizzy Gillespie. The "Cool School" will be visited in the impersonations of Woody Herman, Miles Davis and Gerry Mulligan.

McLellan has a broad background in the field of jazz. As an introduction to radio, his thesis was broadcast over WHDH as "Operation Sound". Thereafter, he became chief announcer of the first two Newport Jazz Festivals, and participated in several jazz festivals as guest expert. He now has his own show, "The Top Shelf", which is broadcast over WHDH on Saturdays.

Pomeroy, an accomplished trumpet player and pianist, organized his first jazz band at Williston Academy in Easthampton. After studying at both Phillips Exeter and Harvard, he played with the famous Lionel Hampton and Stan Kenton orchestras, and started his own "big band" in 1953.

## Now It's All Over For UAVP Ex-Hopefuls Swanson, Pinsuvana

Now that the post of UAVP has been eliminated from Inscomm, erstwhile candidates Carl V. Swanson '60 and Adul Pinsuvana '59 have nothing to campaign for. When questioned about these developments, Carl said, "I think the changes will make for a more effective Inscomm." When asked about the possibility of a secretarial job on Inscomm, he replied, "I would be very glad to accept such a post if it were offered."

Adul Pinsuvana said, "Of course, I am a little disappointed, but I think we will now have a better Inscomm. I would gladly accept a secretarial post."

The ballots for the UAP elections today had already been printed when Inscomm's decision came through, so it was necessary to cross out the lines giving the vice-presidential candidates. In future meetings, the Inscomm treasurer will replace the UAP in the latter's absence, as had previously been done by the UAVP.

The latest in WTBS's panel series entitled "Campus Forum" was broadcast last Thursday night. It featured a discussion between Dean of Students John T. Rule, Dormcon President Bob Hecht '58, and Judcomm President Gene Zoba '59.

Some of the questions brought up during the course of the taped interview dealt with the new Open House hours, desk service, and room inspections. Although no new announcements of policy were made during the program, the Dean did define several positions that the Administration held concerning dormitory issues.

### FRANK LLOYD WRIGHT

(Continued from page 1)

Born in 1869, he studied Civil Engineering at the University of Wisconsin. In 1894, he opened his office in Chicago. Until this time houses were ornately designed. Wright's designs were low-roofed buildings which contrasted strongly with the high Victorian designs of the day.

Among his earliest designs were Robie House in 1910 and the Imperial Hotel, built in Tokyo. The flying cantilever construction used in the hotel was decried as being unsound structurally, but was one of the few buildings left standing in the city after the earthquake of 1923.

Other early designs included "Falling Water House" at Bear Run Pennsylvania, in 1937, and Taliesin West, his winter home near Phoenix, Arizona. "Falling Water House" was noted for its cantilevered construction which jutted out over a waterfall and stream.

Since 1909, he has devoted much of his time to writing and to training a number of "disciples" in his home workshops.

about the extension of the desk hours. He added that there is almost universal agreement among the Baker residents that the essential open house privileges have been preserved.

In reply to the next question, Dean Rule said that he did not feel that the new open house rules will have any large effect on the student body as a whole. The Dean of Students then denied that the Institute is becoming oversensitive to outside feeling and criticism.

On both the exact mechanics of the female guest signing system, and the financial effects of extending the desk service, Dean Rule had no definite comment, stating that the details were still to be worked out.

Finally, in reply to a question concerning the entering of a student's room by members of student government, without the student's consent, Dean Rule said that this could be done only with the consent and accompaniment of a member of the faculty.

### JAZZ CONCERT

John McLellan will be featured in "A Living History of Jazz." Unreserved tickets are \$1.25 available at TCA. Story on page 3.

## CLASSIFIEDS GET RESULTS

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### Personal Interviews ON CAMPUS

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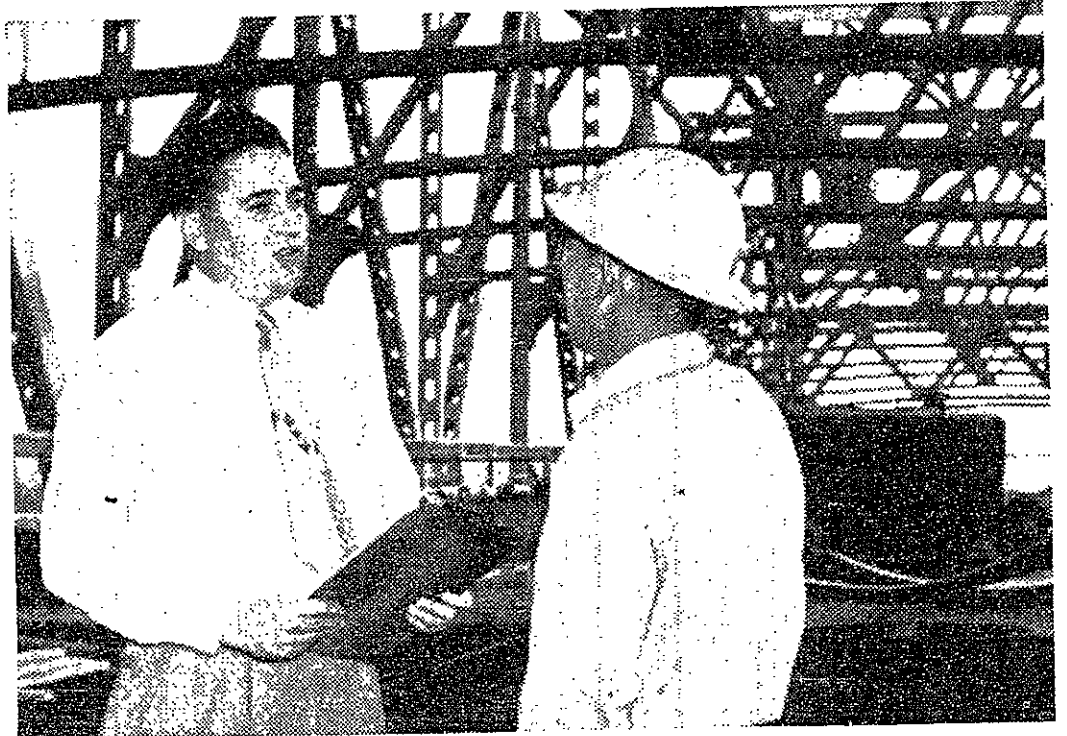
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### A Campus-to-Career Case History



Bill Rhode (left) at the site of New Orleans' new Claiborne Street Industrial Canal Bridge.

## "Problems keep life interesting for a telephone engineer"

"I've taken part in all kinds of engineering projects during the five years I've been with the telephone company," says Bill Rhode, M.E., Tulane, '52. "Each project brings special problems to solve.

"Take a couple of recent jobs I did as examples. One was to plan and oversee the relocation of telephone facilities near a new drawbridge. The job included designs for attaching telephone cable to the finished bridge and for providing service to the bridge-tender's office and the locks.

"The other job was completely dif-

ferent. I was asked to make an experimental installation of some newly developed line concentrator equipment. After selecting the test location, I engineered facilities for the remote concentrator unit, and trunk plant to the central office.

"Another thing about these jobs—they're a result of the growth of the telephone business. Not only do problems like these keep life interesting for a telephone engineer, but they mean that careers are full of opportunities to show what you can do and get ahead."

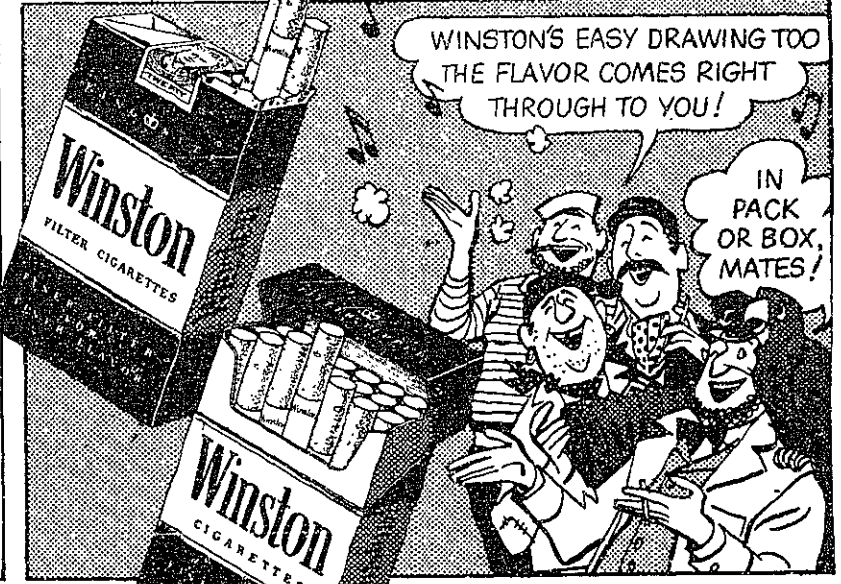
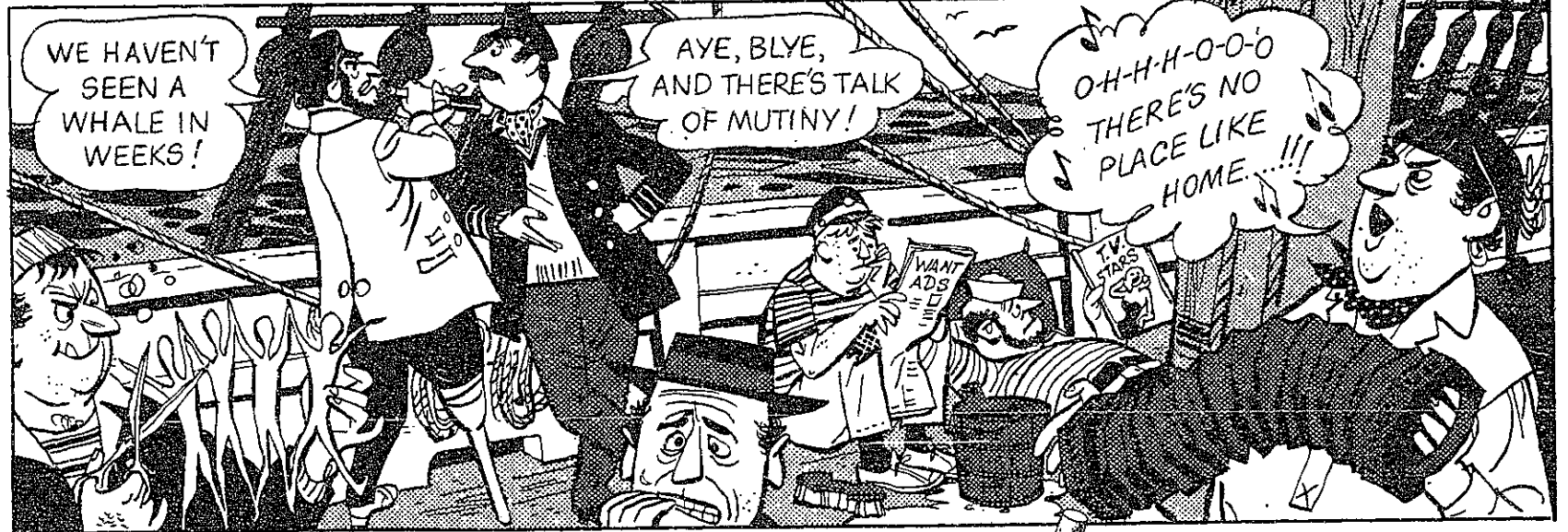
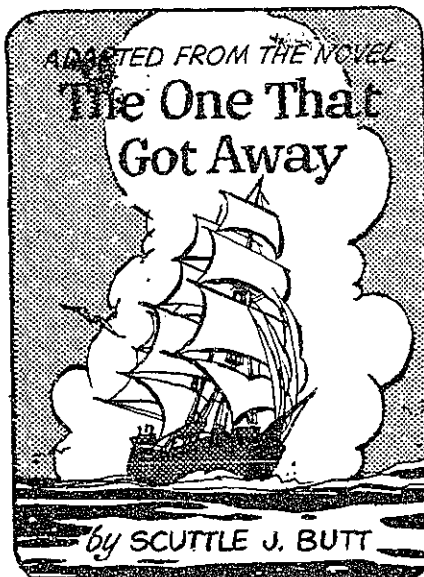
Wilmer J. Rhode is with Southern Bell Telephone and Telegraph Company. He is one of many young men who are finding interesting and rewarding careers with the Bell Telephone Companies. Ask your placement officer for information about the careers these companies offer.



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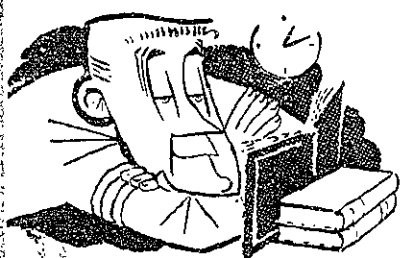
MARIA SCHELL IN

"GERVAISE"

Adapted from EMIL ZOLA'S "L'ASSOMMOIR"

KENMORE NEAR KENMORE SQ.

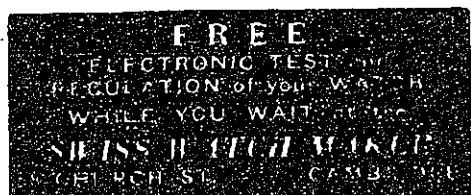
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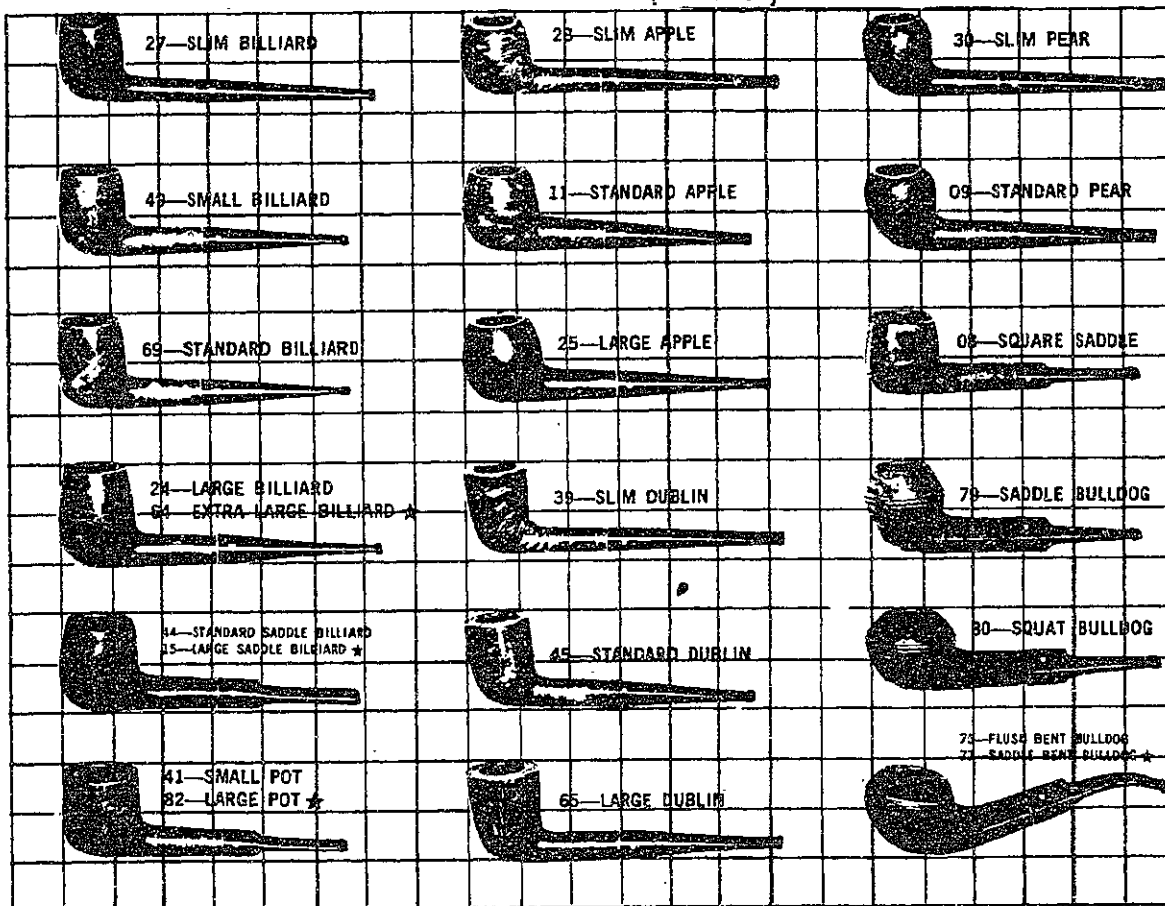
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(All Squares 1" x 1")

TECHNOLOGY COOP

COEDS-INSCOMM

(Continued from page 1) representatives. However, this proposal received no support. Another suggestion, which would have had the AWS represented by a non-voting delegation, was also defeated.

Linda Greiner '60, secretary of Bexley House Committee, led the coed delegation to Inscomm. She also reiterated the women students' position, stressing that coeds are warmly welcomed by the admissions office and play an important part in undergraduate campus activities.

Miss Deutsch stated the coeds' opinion on Inscomm's action, saying: "While I agree in principle with the motion presented by Mr. Jordan that a smaller, more truly representative body would be more effective, I feel that Institute Committee has done itself and the women students a great injustice by eliminating the Association of Women Students from that organization."

She continued; "As a group, the AWS lacks any voice in its student government and has no means of expressing interest, concern, or opinion on issues concerning the student body—that student body of which the women students are most certainly members."

SCEP

(Continued from page 1)

Science and engineering were not by nature closed doctrines of knowledge but rather continuous processes of learning, felt Dr. Norbert Weiner, professor of mathematics. He thought that the scientist had a responsibility to push the frontier of knowledge outward, and the engineer to apply this knowledge. This could be most efficiently done with some program resembling the apprentice system, said Dr. Weiner.

Gilbert Roddy '31, president of the MIT Alumni Association for the fiscal year 1957-1958, the "only non-professional in the group" by his own admission, maintained that the nature of science and engineering as professions required a certain level of intellect and higher education. Both carry responsibilities for their members as citizens, which MIT attempts to convey is a subtle method—a method so subtle that it sometimes escapes the students," Mr. Roddy added.

Dr. Gordon Brown, head of the Department of Electrical Engineering, stated that a responsibility to the community did exist, and wondered if this could best be imparted to men entering the professions by requiring 4 years of pre-science or pre-engineering and then 3 years of specific training such as doctors and lawyers undergo.

Dr. J. Howard Means, past Acting Director of the Medical Department, agreed that MIT was a professional school, and that a responsibility existed "only to truth."

Dr. John Wilbur, head of the Department of Civil and Sanitary Engineering, felt that the social duty that was to be fulfilled depended entirely upon the character of the individual. He stated that the members of a free society must unselfishly devote themselves to the common good.

The discussion was sponsored by Student Committee on Educational Policy, and was broadcast by WTBS.

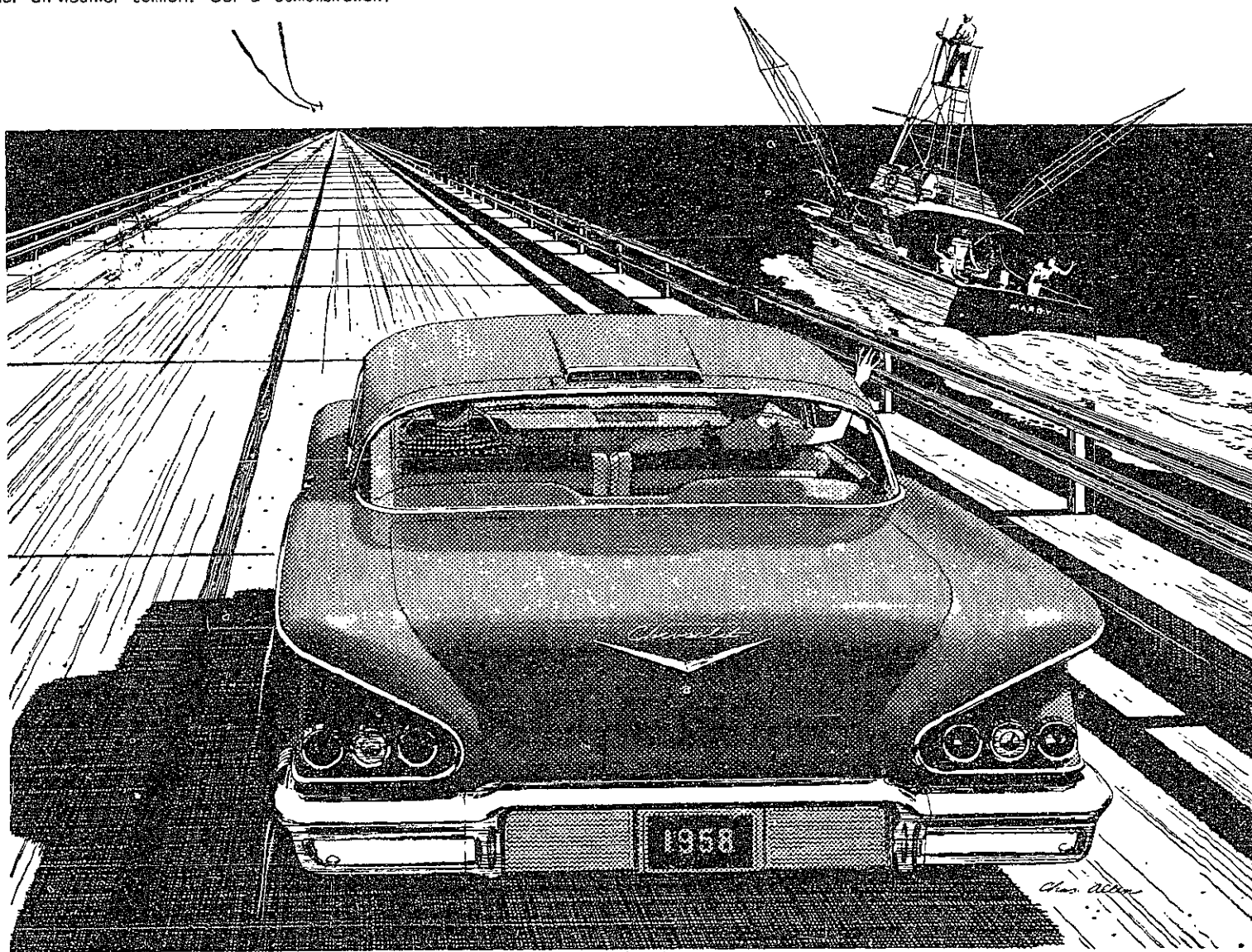
MISSILES EXHIBIT

(Continued from page 1)

to-air missile which will be used by Navy fighter aircraft in fleet air defense. The Small Aircraft Engine Department of General Electric's Lynn River Works, also in Greater Boston, is showing its T58 turbo-shaft jet engine, the first jet engine designed specifically for helicopter use, and the most powerful yet announced in its class.

Also on display are an inertial guidance display from the Sperry Gyroscope Co.; a 6,000-pound thrust rocket engine from Reaction Motors, Inc.; a helicopter mechanical drive system from Kaman Aircraft Corp.; a 1,000-pound jet wind tunnel model from Grumman Aircraft; a cut-away model of the Boeing 707, first U. S. commercial jet airliner, and various pictorial displays of helicopters and rockets from Vertol Aircraft Corp. and the Aerojet-General Corporation.

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## Grad House Halts Favored Fijis Galvin Paces IM Hoop Triumph

After building up a large first half lead, Grad House edged Phi Gamma Delta 43-39 in Rockwell Cage Sunday. The Fijis battled back in the third and fourth quarters and led by two points with two minutes remaining, but Grad House reversed the tide to eke out a victory.

Both Grad House's offense and defense completely outclassed the Fijis in the first quarter. Aaron Galvin's rebounding and scoring together with timely baskets by Bill Troutman, accounted for the winners' large first half lead. The Grad House man-to-man defense, on the other hand, held the Fijis virtually scoreless. This effective defense, coupled with the losers' erratic ball handling, accounted for the 20-4 Grad House lead in the second quarter.

### Defense Shifts

The Fijis then shifted from a zone to a man-to-man defense. This shift managed to stop the Grad House romp, leaving the score 24-10 at half time.

Scoring two quick baskets in the beginning of the third quarter, the Fijis seemed on the way to recovery, but Grad House responded by trading baskets throughout the rest of the quarter.

### Last Quarter Rally

The fourth quarter saw the Fijis continuing to narrow the Grad House lead. Grad House was unable to connect on foul shots while the Fijis, led by Carl Swanson '60, were capitalizing on free throws. A one pointer by John Irwin '58 tied the score at 37-37 with about three minutes remaining. A tap-in by Pat McGovern '59 then put the Fijis ahead, but

that ended their scoring. Grad House scored six consecutive fouls in the remaining minutes to account for the final score.

Student House forfeited third place to Alpha Tau Omega in the consolation game.

### PHI GAMMA DELTA

	FG	F	T
Ingraham, f	4	2	10
Swanson, f	1	1	8
Irwin c	1	4	6
McGovern	2	1	5
Beard	1	0	2
Vleck	0	1	1
di Reynier	2	3	7

### GRAD HOUSE

DePoy	0	1	1
Troutman	1	4	6
Larrimore	1	0	2
Bayton	2	1	5
Galvin	7	1	15
Madell	1	2	4
Grubbs	3	4	10

## Tech Fencers Lose Though Shabel Wins

In spite of the excellent showing of Barrie Shabel '59 in foil, and Larry Campbell '59 in sabre, who were 2-1 for the match, the Varsity Fencing team suffered a crushing defeat last Saturday at the hands of a mighty Cornell team.

A final score of 22-5 marked the team's worst setback of the season; however, Shabel's excellent overall record and Campbell's recovery seem to indicate that MIT will have some competition to offer for the coming Easterns.

## Intramural Hockey Ends Regular Season Playoffs In Progress

Last week saw the end of the regular intramural hockey season. The two top teams in each league, eight teams in all, will play for the Championship. These squads will be divided into two leagues: the first: Kappa Sigma, Phi Beta Epsilon, Graduate House, and Theta Delta Chi; and the second, Sigma Chi, Phi Tau Omega, Beta Theta Pi, and 5:15 Club. The four top teams from the first elimination round play yesterday, today, and Tuesday, will meet this Sunday. The sextet will be the best record after these contests will be crowned intramural hockey champion.

### FINAL LEAGUE STANDINGS

#### LEAGUE I

	Won	Lost
Sigma Chi	4	0
Phi Kappa Sigma	3	1
Phi Delta Theta	2	2
Delta Tau Delta	1	3
Sigma Alpha Epsilon	0	4

#### LEAGUE II

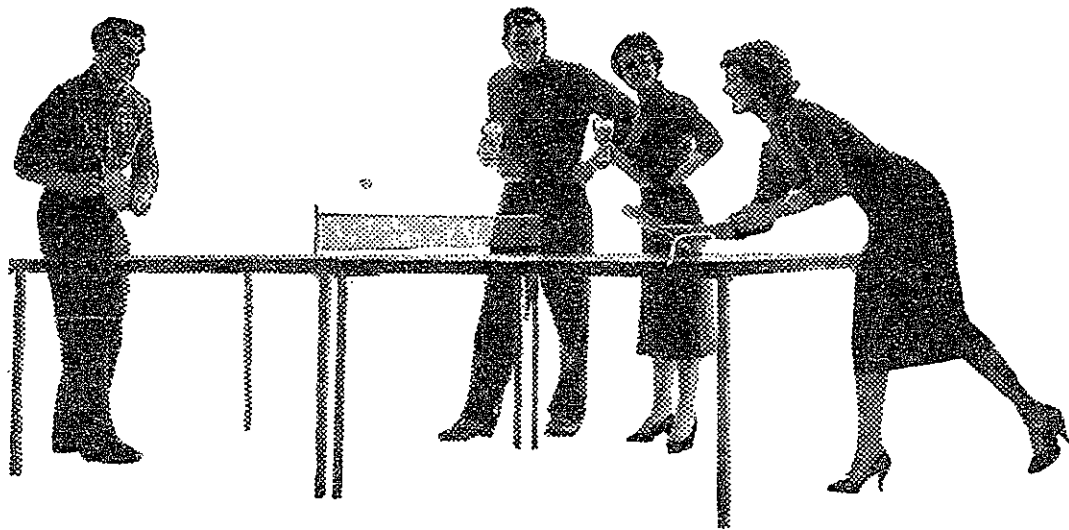
Phi Beta Epsilon	4	0
Alpha Tau Omega	3	1
Alpha Epsilon Pi	2	2
Phi Gamma Delta	1	3
Kappa Sigma	0	4

#### LEAGUE III

Graduate House	4	0
Beta Theta Pi	3	1
Phi Mu Delta	1	3
Lambda Chi Alpha	0	4
Delta Upsilon	0	4

#### LEAGUE IV

5:15 Club	5	0
Theta Delta Chi	4	1
Sigma Nu	2	2
Tau Epsilon Phi	1	3
Theta Chi	1	3
Sigma Phi Epsilon	0	4



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# Racquetmen Triumph; Icemen, Cagers, Matmen Defeated

## Second Straight Win for Hot Squashmen

The squash team took their second straight victory last Saturday afternoon as they defeated Fordham University 8-1 on the opponents' court. Only man to lose was team captain Jack Barone '58. Dick pressed hard all three games, but lost 15-12, 13-13, and 15-11. Chuck Leonard '58, number two, won in the fifth game, 15-7, 15-11, 11-15, 12-15 and 15-11.

Colin Clive '60 had little trouble defeating his opponent in three games, 15-4, 15-4, and 15-5. Bob Edges '60, in the number four position, played a sharp, fast game winning 15-9, 15-3, and 15-9. Jim Hennypacker '60 took the first two counters with ease, and after dropping the third, triumphed 15-8, 15-6, 15-15, and 15-5. Bob Hecht '58 won easily 15-5, 15-0, and 15-5.

John Priest '60 romped to victory in three games 15-9, 16-15, and 15-7. Neil Haller '58 copped a close victory, 15-12, 14-17, 15-12, 8-15, and 15-10.

## Varsity Hoopsters Drop 2 Close Games

Despite strong finishes, MIT's varsity basketball squad dropped close decisions to Bates and Bowdoin this week-end on the victors' courts. Friday night at Lewiston, the Beavers were behind by as many as twenty points, but a sudden switch to a half-court press held the victors scoreless as the Techmen quickly amassed 18 straight points to close the gap to 58-56.

The game remained close as the teams traded baskets. With two minutes remaining in the contest, the Beavers' mainstay, Bob Polutchko fouled out, and the bigger Bates squad, now controlling both backboards, capitalized on eight straight foul shots to cop the victory 70-65.

### Rally Falls Short

On Saturday evening, the Engineers traveled to Bowdoin, where they dropped another tight one 71-68, when time ran out on a last minute MIT scoring spree.

The home quintet built up an early

## Bowdoin And Colby Down Beaver Sextet

In traditional fashion, the MIT hockey team was twice humiliated this week-end, suffering losses to Bowdoin and Colby. The Tech team, hampered by lack of practice because of weather conditions last week, managed to score only one goal in the games as opposed to 26 tallied against them.

Meeting Bowdoin Friday night, the

lead, with their backcourt men hitting consistently on long set shots. Beaver captain Mac Jordan '58 played outstanding ball as he drew four quick fouls from the Polar Bears' high scorer Brud Stover, forcing the latter to sit out most of the contest. By halftime, however, the Beavers were behind 41-29.

The visitors were forced to use the previous night's strategy as they shifted into a half-court press. The press failed to work for a sustained period of time, and when it at last achieved its full effectiveness, Bowdoin was beyond reach.

pucksters were hoping for a win over the Polar Bears who had previously defeated them in a close 3-1 tilt. The Beaver offense opened strong, and in the first two minutes controlled the puck in front of the opposition's goal, although they failed to score.

Playing away on Bowdoin ice, the MIT squad was undermanned as only fourteen men went on the trip; as a result they tired rapidly. For the rest of the game Bowdoin easily controlled everything, and scored evenly throughout the three periods for a total of 11 goals.

### Colby Next Rumps

Playing an even stronger foe Saturday night, the pucksters again found themselves outmanned and outplayed. Colby opened fast by firing five shots past the Techmen's goalie in the first period. In the middle period MIT tightened up, holding Colby to two and scoring one on a breakaway by George Kirk '60, who took the puck from the blue line into the winners' goal unassisted. The final period was devastating to the tiring Engineer squad, as Colby never strayed from the driver's seat and poured in eight goals to end the tilt in their favor 15-1.

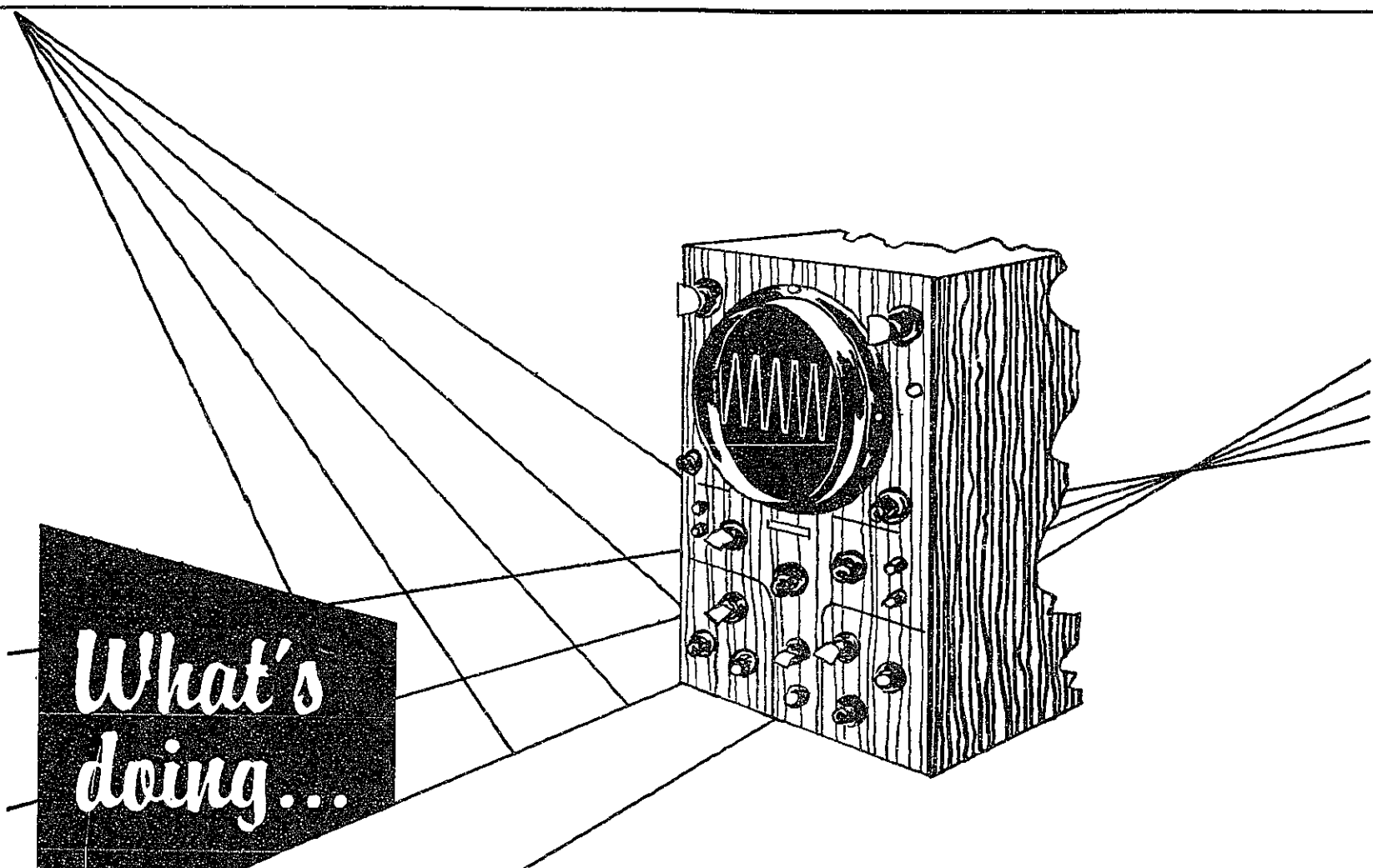
## Frosh Grapplers Win

Hampered by sickness and injury, MIT's matmen were defeated by a powerful Dartmouth aggregation in the Rockwell Cage, Saturday, by a score of 24-8. The home squad's tallies resulted from a forfeit in the 130-pound match and a decision. James Simmonds got the Cardinal and Gray off to a winning start in the 137-pound class by taking the verdict, but the "Big Green" came back with five successive victories including two pins to take the encounter.

### Frosh Win Again

The MIT frosh added another victory to their fine record by edging the Dartmouth yearlings, 18-17. Techmen Reed Freeman and Dave Latham both gained pins over their opponents to pace the triumph. Freeman's victory came in an outstanding 1 minute and 45 seconds after the match began. Jack Smith fought to a tie in the unlimited class.

During the next two weeks the freshmen will be preparing for the New England Inter-Scholastic Wrestling Tournament, which will be held at the U. S. Coast Guard Academy, March 7-8. Bulfer, Freeman, Latham, and Sullivan should make a very good showing.



What's doing...

# at Pratt & Whitney Aircraft in the field of Instrumentation

Among the many engineering problems relative to designing and developing today's tremendously powerful aircraft engines is the matter of accumulating data and recording it precisely. Such is the continuing assignment of those working in the field of instrumentation — a special group of electronic, mechanical and aeronautical engineers and physicists who are responsible for assembling the wealth of information so vital to the entire engineering team at Pratt & Whitney Aircraft. At their service are some of industry's foremost facilities, among them the special, high-altitude test chambers of the Willgoos Turbine Laboratory.

Often involved is the need for providing unique measuring devices, transducers, recorders or data-handling equipment. Hot-wire anemometry plays an important role in the drama of instrumentation, as do various types of sonic orifice probes, high-temperature strain gages, transistor amplifiers, and miniaturized tape-recording equipment.

Pressure, temperature, vibration, air and fuel flow are factors that must be accurately measured at critical internal points during engine operation. To obtain such data sometimes requires a technique that utilizes remote control positioning of special-purpose probes designed by

P & W A engineers. In some cases, the measuring device employed must be associated with special data-recording equipment capable of converting readings to digital values which can, in turn, be stored on punch cards or magnetic tape for data processing.

Projects embrace the entire field of instrumentation which is only one part of a broadly diversified engineering program at Pratt & Whitney Aircraft. That program—with other far-reaching activities in the fields of combustion, materials problems, mechanical design and aerodynamics—spells out a gratifying future for many of today's engineering students.



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**INSCOMM**

(Continued from page 1)

dent. One Commuter Representative, the president of the Commuter Council, is also on Inscomm.

On the question of class reps, several points have been decided. The representatives from Freshman Council have been eliminated, as has the President of the Senior Class. The former step was taken on the arguments that the first term freshmen have no experience and neither represent their class nor report back to them. These points were mentioned by Dick Sampson '59 and Jordan. The Senior Class President was eliminated on the grounds that there were too many seniors on Inscomm. Sophomore Class President Bob Leinhard '60 added, "there is really no difference in ability between frosh and seniors." The class presidents who will be on Inscomm will be the sophomore and junior presidents. They were retained because it was

felt that they adequately represent underclassmen's opinions.

After a close 14-6 vote, (two-thirds is necessary for constitutional amendments) the Association of Women Students' president was removed from Inscomm. Previously, attempts to seat the House presidents of the Women's dorms, or a non-voting delegation of coeds, had failed. The action was taken despite the presence of a coed delegation, which circulated petitions to members of Inscomm protesting elimination.

Inscomm also recommended that the other governing bodies on campus conduct investigations of their own structure and function. Jordan's report held that Dormcon was "ambiguous . . . a large, amorphous group . . . trying to represent wide and often diverse opinions." The report also recommended that the Commuter Association, the Activities Council, and the Athletic Association investigate their relations with Institute Committee.

**Gulhati, Buttner Win Burton Prize**

A room-to-room search conducted in Burton House last week has resulted in the selection of two men as co-winners of the Burcon Room Decoration Contest. The room of Peter Buttner '61, of Yokohama, Japan, and Shashi Gulhati '61, of New Delhi, India, outranked twelve other rooms entered in the contest on the bases of "cleanliness, decorations, unity of color combinations, and good layout of furniture", according to Jack Page, a member of the judging committee.

The winners were announced by A. Fiorelli '58, chairman of Burcon, the Burton House Senior Honorary Club, on Thursday, Feb. 20. They received a fifteen dollar cash prize for the winning effort.

**Wentworth Defeated By Beaver Riflemen**

In a Greater Boston Collegiate Rifle League match fired Friday night at MIT, Wentworth was defeated by Tech's sharpshooters 1398 to 1341. High man for the Beavers was Richard Thorsell '60 with a 281. Other Engineer scores included: Alan Ramsay '58, 280; Dwight Moody '59, 280; David Hardiman '60, 279; and Ronald Pellar '59, 278. Next week-end MIT will compete in the New England Collegiate Rifle League Semifinals at University of New Hampshire. The winners of this Northern Division match will fire against the winners of the Southern Division.

**Engineer Trackmen Conquered By Bates Yearlings Victorious**

Traveling to Maine last Saturday the varsity track team lost to Bates College 90-22 in the Bates College Cage at Lewiston. The freshmen however, saved the trip from being a total loss by romping over the Bates junior varsity 66-37. Bob Williamson '59 and Glenn Bennett were high scorers for the visitors, with 6 and 5 points, respectively, while Joe Davis led the yearlings with 15-tallies.

**Bennett Triumphs**

The powerful onslaught of Joe Douglas, Rudy Smith, and company was just too much for MIT as the Mainemen took the lead in the second event and were never headed thereafter. Bennett was the lone victor for the Techmen, gaining his laurels in the mile run with a 4:34 effort.

Williamson, top point man for the visitors, compiled his total via second places in the 40-yard dash and the 45-yard low hurdles. Five third spots, two by Bob Cooper '58 in the mile and two-mile, two by Bill Duff '58, in the 600- and 1000-yard runs, and one by Buddy Long '59 in the shot put, completed the Engineer scoring.

**Frosh Romp**

The pattern was reversed in the freshman encounter as the first year men led all the way. The more successful frosh aggregation was paced by triple-winner Joe Davis who captured top spots in the 45-yard high hurdles, 45-yard low hurdles, and the high jump for a total of 15 markers. Dan McConnell recorded 14 tallies with a win in the broad jump, and second places in 40-yard dash, high jump, and shot put.

Both squads now have a dual meet record of 1-1 and will see action again on Saturday when they face the University of New Hampshire at Briggs Field at 1:15.

**CLASSIFIED COLUMN**

LOST—On or about Feb. 14, somewhere around the Institute—one tie pin with a chain. Identification: Mass. Beta. Mr. Heim '59 on key. Reward if necessary. KI 7-1677 or Box 135, E.C.

WANTED—Business and Treasury Staff candidates. Contact Peter Silverberg, c/o THE TECH, or Runkle 303, E. C.

LOST—Hood for dark blue jacket about Feb. 11, in or near Institute. If found contact David Svahn, 358 Burton, UN 4-60 Ext.3288.

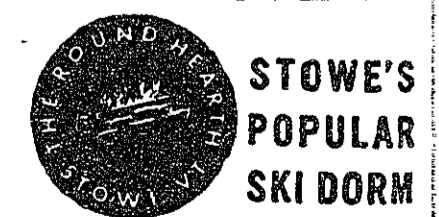
FOR SALE—Garrard Model T Turntable. Gus Pettit, E. Campus, TR 6-1892.

WANTED—Choral Society members making trip to Europe this summer thinking of spending an extra five weeks at no extra transportation cost. Contact Stewart Wilson, KI 7-3233 for exchange of reservations.

TYPING done at home at reasonable rates. Please call Eliot 4-3594. Mrs. Lorraine Miller, 47 Hubbard Ave., Cambridge, Mass.

FOR SALE—Rolleiflex w/ 2.8 Xenotar. Mr. acc. F. R. Elec. Flash. J. Milgram, Burton 303.

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