

The Tech



NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIX NO. 1

CAMBRIDGE, MASSACHUSETTS, FRIDAY, FEBRUARY 13, 1959

5 CENTS

Sprague, Padlipsky Begin UAP Race Running Similar Platforms

With elections for Undergraduate Association President approaching, candidates Michael Padlipsky '60, and Christopher Sprague '60 are developing elaborate campaign platforms to gather student interest for a large vote on February 24. Both are harping on the decreasing powers and authority of Inscomm in order to arouse the students to see the great danger to their interests if the Administration progresses further in its control of student life.

Padlipsky is advocating a greater participation by students in their government in order to create a more liberal, dynamic, and fighting government, whereas Sprague maintains that existing Inscomm and Administration legislation is entirely adequate for hard bargaining for projects such as the proposed Student

Union. Padlipsky has said, "I feel that unless we go forward we will be pushed backward." He cites the new parietal and cooking rules as examples of weakening student government. Sprague maintains that "Inscomm should get on the ball because the machinery is already in existence." This machinery consists mainly of agreements between Inscomm and the Administration for non-interference in each other's affairs. He says that, "Inscomm should concern itself more with 'forgotten areas' such as parking and the Student Union and thus strengthen both Inscomm and the living groups. A lot can be gained by bargaining, not legislation." Both plan to make speeches to the living groups.

Jack Edwards, President of the Class of 1960, has announced that the Balfour Company will be in Building 10 on February 17, 18, and 19 distributing Beaver rings. Students are reminded to bring their receipts and balance of payment due with them when picking up their rings.

Alpha Phi Omega to Begin Information Service on Monday

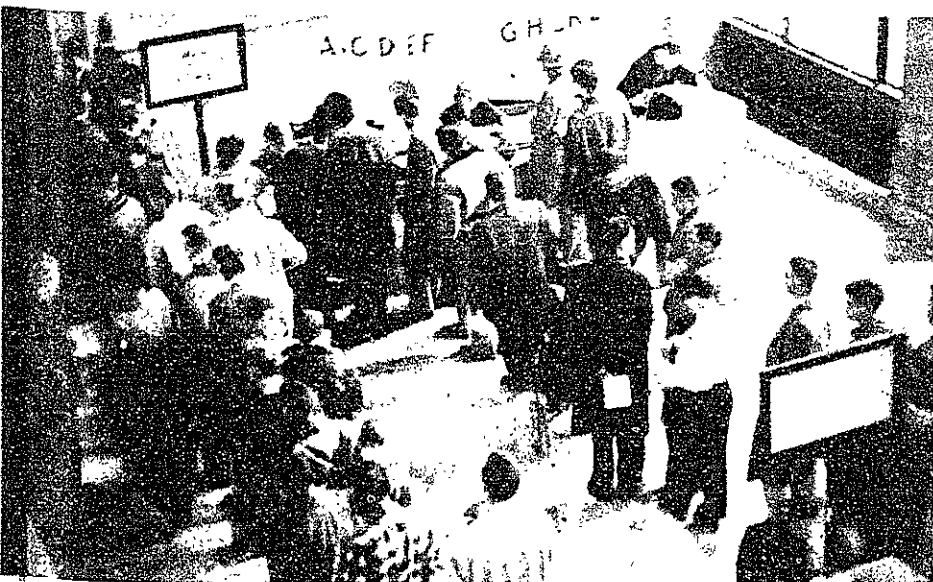
Starting February 16 Alpha Phi Omega, national scouting fraternity, is instituting an information service. The service, in operation from seven to ten six nights a week will be available to MIT students, faculty, and employees. Monday through Saturday the service will be operated from the Alpha Phi Omega office in Walker Memorial.

Members of the service fraternity are presently contacting all activities on the campus in order to find out their activities for the next two weeks. After this time, all activities will be contacted weekly by the Public Relations Committee. The Information Service will also possess knowledge concerning future dances and other social activities. Public relations Committee will operate a similar service during the day in Litchfield Lounge.

Any activity that has not been contacted is urged to call Martin Falxa at El 4-1173, John Terry, at Delta Tau Delta, or John Disbrow at Phi Delta Theta.

At the present time Public Relations Committee handles information regarding student activities. Alpha Phi Omega will coordinate this service with the many other services offered at the Institute ranging from telephone numbers to information regarding travel. Martin Falxa, in charge of the service stated that the service would expand as greatly as the demand of the student body. He said that the service was provided after some of the Institute operators had complained of the large number of questions asked by Technites regarding school activities.

The Last Line . . .



Second term gets off to a fast start with the inevitable line in Building 10 on Registration day.

MIT Wins Best Delegation Award At Model United Nations In Montreal

The Best Delegation award was presented to the MIT delegation at a banquet ending the University Model United Nations four-day conference in Montreal. Approximately

60 colleges and universities from Canada and the U. S. represented the 82 nations of the U. N. in mock sessions.

Following registration and briefing

on February 4, the model UN began with diplomatic caucusses by blocs. A minor international incident occurred as the Arab nations ejected the Israeli delegation which tried to listen in on the Arab caucus.

The MIT students, who represented Iraq, were Jain DeSola, chairman, UAP Jerry Stephenson, George Henry, Klaus Berkner, and Mumtaz D'Aladafery, a native Iraqi. Official observers were Stephen Gill and Linda Greiner.

First official meeting was the Security Council, which debated a proposed resolution on UN control of Berlin. At a supper following this meeting, the delegates were officially welcomed by The Hon. Sidney Smith, president of the University of Toronto and past president of the UN Association in Canada, who spoke on the role of the UN in Canada's foreign policy.

The General Assembly convened Thursday morning to consider a proposed resolution on withdrawal of foreign troops from Asian nations. The delegates proposed several amendments and some 20 nations presented their arguments. All debate was carried out in French and English with instantaneous translation by headphones.

After lunch, delegates journeyed to McGill University, whose Director of Islamic Studies, Dr. Wilfred C. Smith moderated a panel discussion. Mr. Sadaat Hasan, Midwest Director of the Arab Information Center and Mr. Moshe Erell, First Secretary to the Israel Embassy in Montreal discussed the Arab-Israeli dispute.

Justice John E. Read, former judge of the International Court of Justice, presided over the mock court, which settled the dispute between the U.S. and Canada over the Columbia River in favor of Canada.

With the aid of Dr. Hasan, the Arab delegation caucussed Thursday night to plan strategy for a proposed resolution on the Middle East to come before the General Assembly the next day.

German re-unification was the topic of a panel discussion Friday morning among official personages of France, the U.S. and the U.S.S.R. France advocated a common sense point of view and the United States and Canada took opposite sides on the question.

Following a panel discussion on the practicality of a parliamentary form

(Continued on page 3)



Representing Iraq at the University of Montreal's Model U.N. Assembly are MIT's seven delegates and observers. Photo courtesy Roger St. Jean.

Faculty Enthusiasm Runs High as Basketbrawl Strategy is Released

Once again the MIT student body has a chance to see their famed professors not with their pants down, but with their pants high on the thigh. Yes, the annual Basketbrawl is again being held with the feature attraction the legs of professors. It is at this game that we begin to understand fully the meaning of that word which our professors have been using in lectures to describe a mathematician's attempt to rigorously described some intuitively obvious physical phenomenon: hairy.

A high level decision with the administration issued the dictum that the style of play in the basketbrawl game is to change. Unidentified sources leaked the unverified report of an administration decision! "The forthcoming basketbrawl game will be played with gentlemanly conduct following NCAA basketball rules." The administration felt that somehow MIT's public relations might somehow be harmed with a repeat of last year's roman circus starring the faculty as gladiators related the source. However, the rumor has spread that the real reason for toning down the circus is that last year Edmund, the bassett hound, broke a paw nail trying to escape some flippered monster intent on seizing him.

Leading the flying wedge of the Administration and Engineering

team Saturday night, February twenty-first on the Cage basketball floor will be high flying Dean William Speer bearing his secret weapon—red hot pipe ashes. Calling signals on the floor, the famed tactician Colonel Brinkerhoff will be following the strategy approved by Mr. Balch.

The Science of Humanities smugly intends to thwart the frontal attack of the opposition with subtlety and sophistication. Posing as a janitor, Professor William Greene of the S & H team will douse Dean Speer's pipe during the earthquakes caused by geology's Professor Dennen. In the ensuing confusion that trench warfare tactician Professor Malcolm Woodrow Pershing Strandberg will lead the S & H attack across the earthquake cracks.

The Tech Announces Volume LXXIX Staff

Tuesday night, January 20, *The Tech* held its annual banquet at the Hotel Vendome. Attending the reception and banquet at the Roof Garden were some 50 members of *The Tech* staff and managing board, including Dean J. T. Rule, Dean of Students and Mr. Francis E. Wiley, Director of Public Relations, as guests of honor.

Steve Samuels, retiring chairman of the board, and other board members introduced their respective replacements. Kenneth F. Reinschmidt '60 takes Steve's place as Chairman of the Board. John McElroy stepped aside as John B. Stevenson '60, became Managing Editor, Peter M. Silverberg '60, former treasurer, will be the new Business Manager, replacing Kenneth Reinschmidt. Editing *The Tech* is David Packer '59 who takes over the duties of Philip Beach. Glenn W. Zeiders handed over his duties as News Editor to Linda Greiner '60. Heading the sports staff will be Abraham Feinberg '60, who replaces former sports editor Dave Packer. Heading a new department will be Features Editor Jon P. Wigert '60. Steve Samuels also congratulated the members of the various news staffs and paid special tribute to the personnel of the Hampshire Press, which prints *The Tech*.

Dr. Draper Given Highest Award At New York Dinner

Dr. Charles Draper, head of Course XVI, received the highest honor of the Institute of the Aeronautical Sciences at their Honors Dinner at the Hotel Astor in New York on January 27. The annual award is presented to two persons of science in aeronautics, one of whom must reside in the U. S. Sharing honors with Dr. Draper was Sir George Edwards, managing director of a British aircraft company.

Several other MIT leaders in aeronautics and astronautics participated in the annual meeting of the IAS. Dr. H. Guyford Stever, associate dean of engineering, served as chairman of a panel on "Objectives of Space Exploration", and Dr. Holt Ashley, associate professor of aeronautical engineering served as chairman of a panel on "Aeroelasticity."

Dr. Bruno Rossi, chairman of the Space Sciences Committee of the National Academy of Sciences, was a member of the panel on Space Flight Mechanics.

Frosh Convocation Commences Three Phase Orientation Program

Monday morning, February 7, all Freshmen received a letter from Dr. Julius A. Stratton advising them of a three-phase program designed to aid in their selection of courses.

Elections Announced For Phi Tau Sigma

At its final chapter meeting this fall the MIT Pi Kappa Chapter of Phi Tau Sigma, National Honorary Mechanical Engineering Fraternity, elected the following officers for the spring term 1959:

President: Emil A. Battat '59
Vice President: Donald L. Jones '59
Recording Secretary: Nicholas A. Strakhov '59
Corresponding Secretary: Kai F. Johansen '60
Treasurer: John Linderman '59

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The Tech



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No. 1

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editorial

Time Marches On

This issue marks the birth of a new volume of *The Tech*, number 79. We of the newspaper look forward to the yet unwritten contents of this volume; the events of the next twelve months which it is our privilege to observe and report in the coming pages.

This page will be devoted to an objective critical analysis of the vast workings of MIT. We will try to express what is our opinion, and our opinion only, on the most important issues which arise.

This volume introduces a new position on the newspaper, the News-Features Editor. *The Tech's* responsibility lies in three major areas: current news, editorial comment, and a presentation of some of the picture of MIT outside the front page, for MIT is not only a great educational and development institution, but also a great research center. It is the last area for which the new Board member is responsible.

Since an issue is rarely black or white alone, there will undoubtedly be many questions and comments raised by the opinions expressed here. Every stand we take will affect some people, those most concerned with its subject, much more closely than others; for there is an "expert" in every phase of Institute life. We urge you who do not agree, or you who are in a position to amplify, to open your views to us and to the undergraduate body through letters. We will print as much as space permits; we will not cut without the author's permission.

We sincerely hope that this volume of the newspaper will fulfill its purpose on this campus: objective reporting, pertinent criticism, and an opening up of some of the vastness of Institute life to every undergraduate.

from the past

The tense moments of waiting for the mailman to deposit grade reports at the door is over. The lines have been successfully encountered and the second term of the 1958-1959 academic year has arrived. Some of the "Tech is Hell" spirit, damped by vacation, is returning. Undoubtedly many students are just plain disillusioned, with only four days of the term completed. They are, quite often, justified in their disillusionment; many freshmen and Sophomores are meeting with inadequate instructors, which makes them wonder why they are paying \$1300 a year to go to classes (which in many cases are overcrowded). Perhaps there are Juniors and Seniors who share these feelings. To these people we address the following comments, taken from a letter written several years ago by a Senior at MIT, Class of '56. This man took the time to set on paper the reasons for the pride he took in the school. We feel his pride was justified many times over and is equally valid in 1959.

"The first opinions about MIT are formed from reading the Undergraduate Catalogue THIS IS MIT which is sent to all prospective students. This booklet contains a great deal of information, yet is likely to give the student who has never studied here the impression that if he is admitted he will come in contact with men who are both great teachers and renowned in their technical profession, and that he will immediately be able to study in the laboratories whose pictures fill the book. In some respects the Institute is actually far worse than the booklet indicates. But in other respects it is far better. These other respects are dramatically pointed out in "Ivory Tower," where a senior reflects on what he has accomplished. The most important and lasting effect of the Institute lies not in the formal and academic knowledge and training acquired. Of course this part of our education is significant; it prepares us for our future career and studies and gives us the tools with which to work and create and leave our mark on the world. The most important part of our education lies elsewhere; it is intangible . . . and often we will not become aware of it until much later in life. It consists of two parts; we shall call them method and character . . . By method we mean . . . the systematic, logical disciplined approach to problems of matter and mind cannot fail to leave a deep and lasting mark on the student. These may sound like vague generalizations, but they are very real. When a man has finished a course, even a poorly taught course, he has developed something in himself.

Improvement is a slow process, but several departments have made a great deal of progress in recent years. But there is something which might be done immediately to lessen the disappointment with the Institute felt by many of the first and second year men. A copy of your editorial

page should be included with each copy of THIS IS MIT. Students should enter with a real understanding of what is involved. They must be told that in the early years they will be faced with a lot of hard seemingly unrewarding work. They must also be told that throughout the four years they will have many poor instructors—men who do not know how to conduct a class efficiently, nor how to organize a course. As it stands now the beautiful booklet THIS IS MIT is a beautiful lie. Both the failings and assets of MIT should be frankly explained to students before they enter. They must be prepared to work for the long-term goal and must realize that the teaching, the work, and the results may be discouraging at times . . . much of the time, in fact.

If a truer and less glamorous picture of undergraduate life were presented, we might get a few less applications from straight A students who want a happy college life or who want, most of all, to keep their straight A's. But we might also get a few more applications from serious men who realize better the value of the objectives and who are willing to face what is really involved."

Dick Kane '56

letter

To the Editor:

In your October 3, 1958 issue there appeared an editorial bemoaning the lack of "issues" and the existence of "apathy", both of these in the MIT student body. Your solutions were twofold: misrepresentation of facts to stir up interest. I quote, "The first plan is usually called bad journalism, unethical, and so on. The second, at least in the present environment, is often disappointingly ineffectual." On the front page of the same issue I was misquoted, quoted incompletely, or quoted out of context some half a dozen times. I immediately wrote a letter to the Editor in rebuttal. That letter was not printed. The letter I am writing now will not, I hope, meet with a similar fate, for two reasons. First, I am sure that it is your wish to make restitution for your previous breach of ethics. Second, and more important, I believe that the open letter I am enclosing for publication will furnish you with ample issues upon which to take stands, and should consequently prove a more desirable course of action (in light of your avowed intentions) than further misquoting. I look forward to seeing both this letter and the enclosed open letter in your next editorial column.

Michael A. Padlipsky '60

We apologize to Mr. Padlipsky for any improper quoting which may have occurred; a summary of his and Mr. Sprague's UAP campaign statements will be found on page 1. Ed.

reviews

Shadow of a Gunman

After "The Iceman Cometh" and "Hotel Paradiso" the Charles Playhouse was on its way for a very successful season and we couldn't hope for better. Unfortunately the current show, "Shadow of a Gunman" by Sean O'Casey, is a deception and very close to a disaster. The evening starts with a reading adapted from "Mirror in My House", and extends for an appreciable amount of time, at first enjoyable, then bearable, but at last quite boring.

Stanley Young impresses us as being an extremely experienced announcer in the best tradition of the B.B.C., and his narration of "The Bold Fenian Men" is the only apparent reason for listening to the reading. After a short intermission (which reminds us to ask the Charles Playhouse to heat the lobby), the first act of "Shadow of a Gunman" begins and begins rather well too. Amusing, fast and well acted, the first act is the best moment of the evening and a delight, as far as acting is concerned, with a beautiful performance by Mary Weed (Minnie Powell). Judge Springer is also very convincing. As for John Hefferman, what we considered to be magnificent acting in "View from the Bridge" or "No Exit" turns out to be pure mannerism or personal nervous twitches. As much as we dislike to do it, we must confess that we were fooled by his previous appearances and that much of his acting has nothing to do with the theatre but rather with a psychoanalyst.

The second act is a repetition of the ideas exposed in the first and the action drags along, moving slowly to an obvious conclusion; and it seems that the hand of Michael Murray, the director, lost much of its energy, or maybe it was done on purpose in order to extend the performance to a full time regular show. In any case it was a deception, after the excellent first act, to endure long minutes of emptiness in the second act. A special mention to Edward Finnegan in one of the funniest characters we have seen in a play: Mr. Gallogher, who is certainly a very good part to be handled by such an accomplished actor as Edward Finnegan, and he should be proud of the way it came out. Olympia Dukakis, once more, gives an overplayed performance, almost embarrassing at times, but well matched to John Hefferman's neurosis. After enduring these two it is

a pleasure, a refreshment, an enjoyable experience to watch actors, and I say actors, like Judge Springer, Mary Weed and Edward Finnegan. It is a pity that some actors think that by labelling themselves as "method" performers should allow them to put out on the stage all the psychiatric, psychomatic (or whatever name you want), aspects of their every day personality.

Let us hope that the Charles Playhouse will come back to the good way they started, by putting more interesting, more convincing, more offering plays. There is no doubt as for the talent of Michael Murray, but this talent has a hard time to show up when the play is not a challenge to a director, as "Shadow of a Gunman." A good policy for the group to adopt would be to forget about a "one-star" company, whose talents begin to be very doubtful, while others are given less important roles. There's nothing to be panicked about, mistakes of the sort being very common in more experienced theatres and we are sure the next show will erase the bad impression given by the actual performances of "Shadow of a Gunman" and the related reading.

Jean Pierre Frankenhuis '61

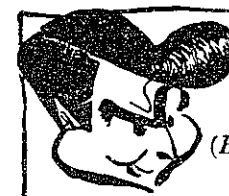
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On Campus with Max Shulman

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

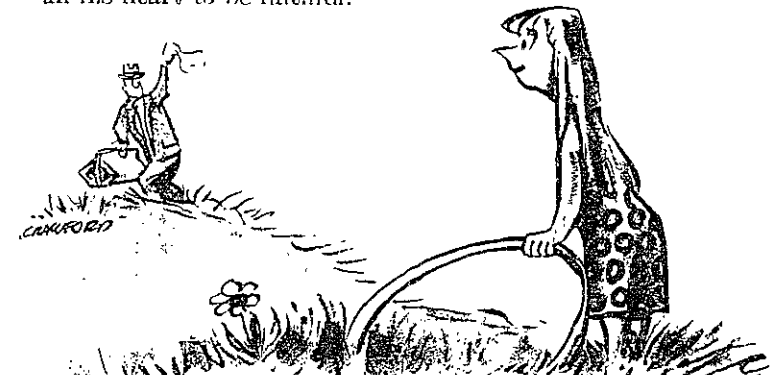
THE GIRL I LEFT BEHIND ME

It happens every day. A young man goes off to college leaving his home-town sweetheart with vows of eternal love, and then he finds that he has outgrown her. What, in such cases, is the honorable thing to do?

Well sir, you can do what Rock Sigafos did.

When Rock left Cut and Shoot, Pa., he said to his sweetheart, a simple country lass named Tess d'Urbervilles, "My dear, though I am far away in college, I will love you always. I will never look at another girl. If I do, may my eyeballs parch and wither, may my viscera writhe like adders, may the moths get my new tweed jacket!"

Then he clutched Tess to his bosom and planted a final kiss upon her fragrant young skull and went away, meaning with all his heart to be faithful.



"You can do what Rock Sigafos did."

But on the very first day of college he met a coed named Fata Morgana, a girl of such sophistication, such poise, such *savoir faire* as Rock had never beheld. She spoke knowingly of Franz Kafka, she hummed Mozart, she smoked Marlboros, the cigarette with better "makin's". Now, Rock didn't know Franz Kafka from Pinocchio, or Mozart from James K. Polk, but Marlboros he knew full well. He knew that anyone who smoked Marlboros was modern and advanced and as studded with brains as a ham with cloves. Good sense tells you that you can't beat Marlboro's new improved filter, and you never could beat Marlboro's fine flavor. This Rock knew.

So all day he followed Fata around campus and listened to her talk about Franz Kafka, and then in the evening he went back to the dormitory and found this letter from his home-town sweetheart Tess:

Dear Rock,

Us kids had a keen time yesterday. We went down to the pond and caught some frogs. I caught the most of anybody. Then we hitched rides on trucks and did lots of nutsy stuff like that. Well, I must close now because I got to whitewash the fence.

Your friend,
Tess

P.S. . . . I can do my Hula Hoop 3,000 times.

Well sir, Rock thought about Tess and then he thought about Fata and then a great sadness fell upon him. Suddenly he knew he had outgrown young, innocent Tess; his heart now belonged to smart, sophisticated Fata.

Rock, being above all things honorable, returned forthwith to his home town and walked up to Tess and looked her in the eye and said manfully, "I do not love you any more. I love a girl named Fata Morgana. You can hit me in the stomach with all your might if you like."

"That's okay, hey," said Tess amiably. "I don't love you neither. I found a new boy."

"What is his name?" asked Rock.

"Franz Kafka," said Tess.

"A splendid fellow," said Rock and shook Tess's hand and they have remained good friends to this day. In fact, Rock and Fata often double-date with Franz and Tess and have heaps of fun. Franz can do the Hula Hoop 6,000 times.

© 1959 Max Shulman

All's well that ends well—including Philip Morris. Philip Morris ends well and begins well and is made of superb natural tobaccos by the same people who make Marlboros.

U.N.

(Continued from page 1)

of government for Asia at McGill University, the delegates convened again to continue debate on the Asian problem. Friday night a message from Philip, Duke of Edinburgh, was read to the delegates by Lester B. Pearson, Nobel Peace Prize Winner and present MP. Mr. Pearson also spoke on the value of the UN as a form of negotiation and discussion, citing the many instances in which the UN has assisted in international negotiations.

The General Assembly then reconvened to discuss a resolution regarding the Arab-Israeli question, a debate in which MIT was actively involved. MIT delegates were directly connected in the drawing up of an amendment by Tunisia favorable to the Arab bloc.

Saturday morning the General Assembly concerned itself with the Middle East debate, MIT (Iraq) speaking in favor of Tunisia's amendment. Following a talk by Dr. Nasrollah Fatemi, former legislator in Iran, on the Middle East, the delegates voted and defeated the resolution.

The Model UN came to a close at a banquet at the Centre Sociale of the University of Montreal, at which the Hon. Paul Martin, Chairman of the Canadian Delegation to the UN

7th General Assembly, spoke. After the address, awards were given, MIT being presented with a trophy for the Best Delegation. The conference closed with the International Ball at the Queen Elizabeth Hotel.

FROSH CONVOCATION

(Continued from page 1)

any questions asked by the freshmen.

The final division of the program will consist of a series of smokers and informal gatherings at which individual freshmen and faculty members can discuss matters of interest. These open houses will go into greater detail as to just what the various fields of work entail. These meetings will start on April 6 and run day by day thereafter, eliminating any conflict between the schedules of different courses.

Dr. Stratton expressed a hope that all freshmen would attend the meetings as many fail to realize the importance of a definite decision at this time. He said that the programs give the freshmen an objective basis upon which to make his decision.

Dean J. T. Rule said that the purpose of the program was to give freshmen the maximum opportunity to make the best possible choice of a course. He said that he felt that the past programs had influenced choice of courses among the freshmen very greatly.

Another program of an experimental nature designed to encourage studies above and beyond the normal will be instituted this next term. Approximately 60 faculty members representing a wide range of interests have expressed a desire to help interested freshmen do original work beyond that required in their regular courses. The activities in this program range from computer programming to archaeology, and in some cases students will be able to participate in the research activities of some of the laboratories.

According to Professor Peter Eagleson, "The real value of such a program lies in its spontaneity." It is hoped that this program will achieve individual contact between faculty and students in the students' early years here at the Institute. Such contact has been a major problem at MIT till now and it is hoped that the new program will alleviate the situation. Only exceptional students with a sincere desire to perform outside work are asked to participate in the program.

For complete travel information consult your authorized **AMERICAN EXPRESS CAMPUS REPRESENTATIVE** ROGER BLAHO, 202 Beacon St., Boston KE 6-8696

Course XVI Gives Space Symposium

A "Space Environment Symposium," consisting of a dozen lectures on the nature of space, is to be presented by the Department of Aeronautics and Astronautics.

"Authorities on major aspects of space will come here from various parts of the country to give lectures, presenting the latest information on the environmental factors which must be dealt with in a space effort," said Dr. Charles S. Draper, head of the department.

"The symposium was organized as a part of the program of reorienting our department toward education and research on space. We recently changed the name of the department to recognize officially 'astronautics' as an important part of our curriculum."

The lectures will be presented in Kresge Auditorium, or the Little Theater of the auditorium, at 3 p.m. at intervals of about a week, beginning February 16. Dr. H. Guyford Stever, associate dean of engineering at MIT and professor of aeronautics and astronautics, is chairman of the symposium.

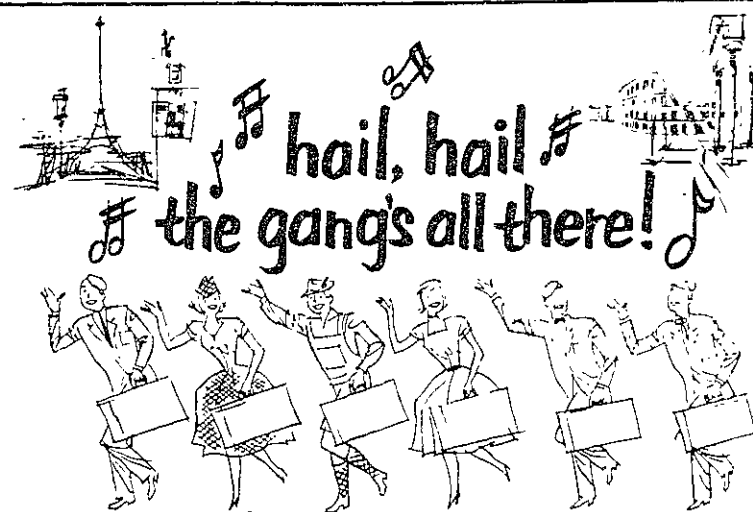
TCA To Bleed Tech Men During Annual March Donor Drive

On March 10-13 the Technology Community Association will hold its annual blood drive in Kresge Auditorium. Next week TCA will man a booth in the lobby of Building 7 where students may sign up for an appointment to donate blood.

Last year's blood drive yielded some 250 pints from the MIT student body, a figure far short of their goal. This year TCA's hope to collect 500 pints from the Institute student body. Kappa Sigma held the record last year for highest percentage of donors. The TCA will keep a record again this year of the donors.

As students under the age of 21 who wish to donate must have their parents' written permission. TCA has offered to write the parents of such students.

Persons living in either the dorms or in fraternities will be contacted by the TCA at these places. Commuters are urged to sign up at the booth.



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Hillman And Becker Debate A-Bomb Ban

The Sixth Annual Harvard Debate Tournament was held on Feb. 5, 6, and 7. Seventy-six teams from sixty-six schools participated debating on the national topic, Resolved: *That the further development of nuclear weapons should be prohibited by international agreement.* Participating schools were Ohio State, Chicago University, SMU, Navy, U. of Georgia, Columbia, Northwestern, Dartmouth, Carnegie Institute of Technology, Washington U. of St. Louis, and the U. of Kentucky.

MIT's participants were Robert Hillman '59, and Richard Becker '59. They had a seven-one won lost record in the eight preliminary rounds, losing to Ohio State. This record was good enough to qualify for the quarter finals along with Pitt., Northwestern, Bowdoin, Washington U., Tufts, St. Anselms and Ohio State. They defeated Bowdoin in the Quarter Finals and Ohio State in the Semi Finals. They finally lost to Northwestern (present National Champions) in the finals by a four to three decision.

In the eight preliminary rounds, MIT had the highest point score with 682 out of a possible 800 points. Robert Hillman was first speaker in the Tournament with 345 points out of a possible 400, and Richard Becker was fifth speaker with a total of 337 points. MIT was the only school to have both members place in the top five speakers.

The MIT Debate Society will hold

MIT Outing Club Plans Skiing And Square Dancing

The MIT Outing Club is centering a number of activities around its recently completed cabin at Intervale, New Hampshire. Numerous trips are based from the cabin and various social functions are scheduled in it.

Winter mountaineering is currently being avidly practiced. Numerous ski slopes are within the vicinity of the cabin. Wildcat, Black Mountain, Intervale, Cranmore, and Tuckerman's Ravine are favorite downhill slopes, while the White Mountain National Forest and Pemigawasset have good cross country and snow shoeing facilities.

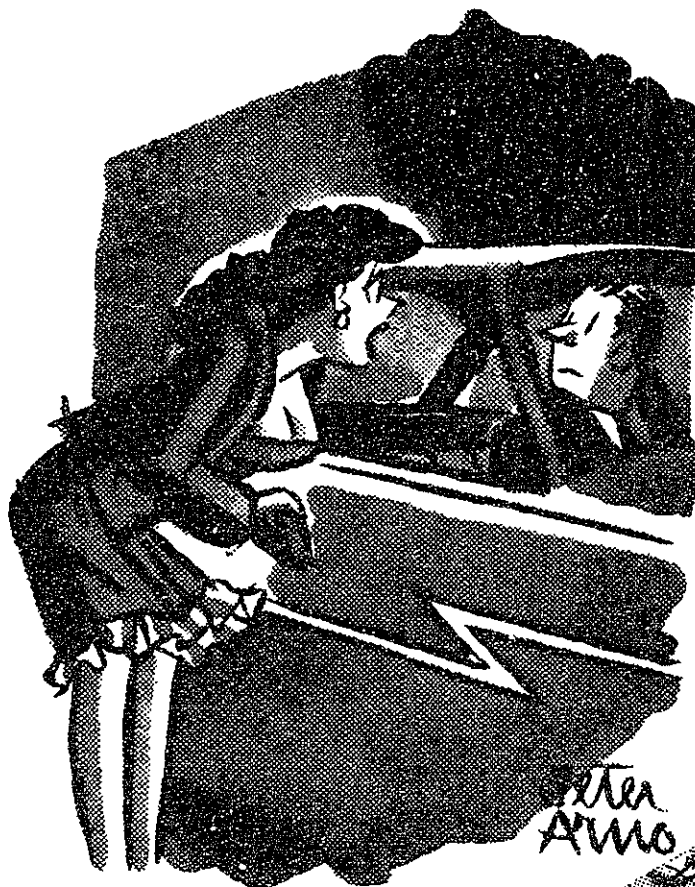
The cabin will have sleeping accommodations for forty people and contains a gas stove for cooking. It is available to non-members at a rate of \$.75 per night.

Song fests and square dances are held quite often. The Mount Holyoke Outing Club will attend a square dance at the cabin on February 14, and the Smith Club will travel to the cabin on March 7.

All necessary equipment and additional information may be obtained from the Outing Club office on the third floor of Walker Memorial.

its 14th Annual tournament on Feb. 13th and 14th.

For any other information call Richard Becker, Holman 303 East Campus or Robert Hillman UN 4-2670.



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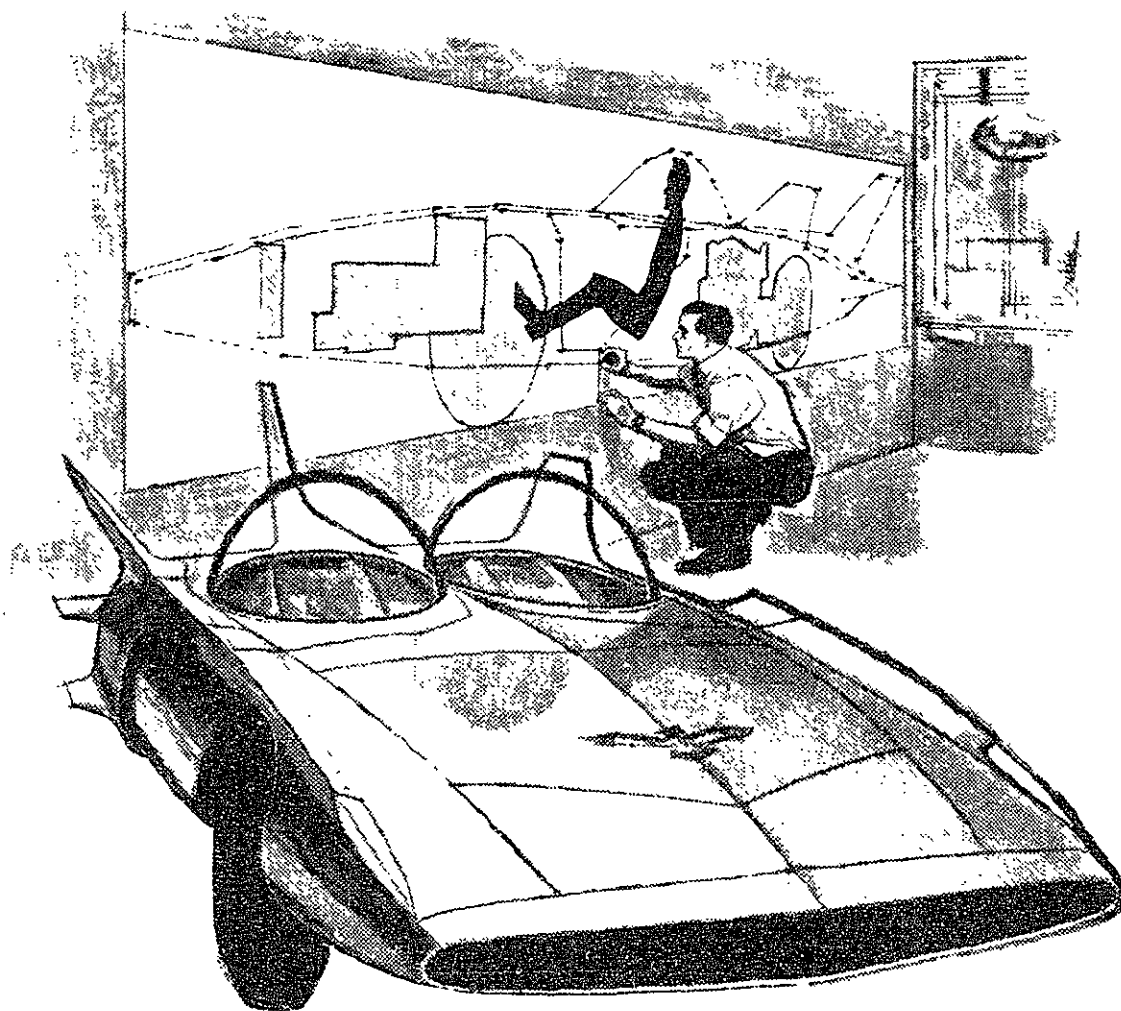
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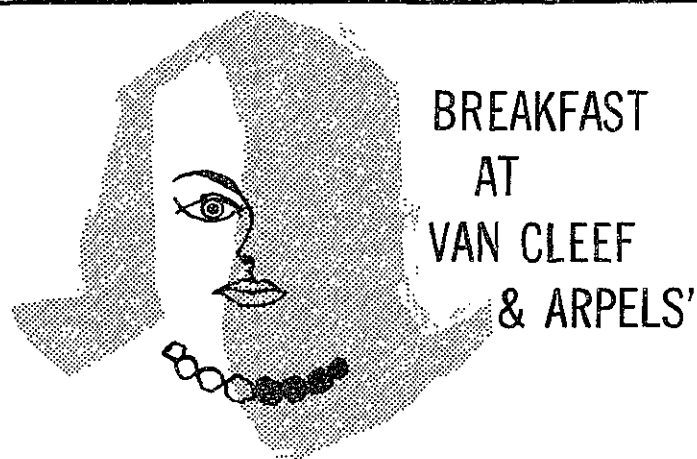
Fabulous steps into the future, such as this, can be made only by men with fabulous imaginations. A lot of such men work for General Motors and its divisions. There's room for a lot more—maybe you.

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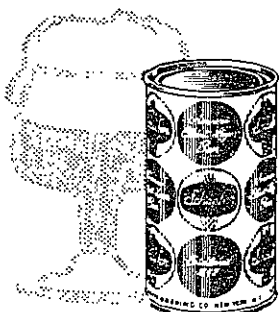


BREAKFAST AT VAN CLEEF & ARPELS'

I often remember old parties I have gone to, the people present, and their foibles. For example, there is the one Heather Goquickly gave, some years ago, in her tiny Manhattan apartment.

A line formed in front of her place at six o'clock; it was almost seven before I stood, cold can of Schaefer beer in hand, in a crowded corner of the apartment. I watched Heather flying smoothly over the upturned heads of her adoring clique (a stagehand-friend had put up one of those wire rigs one associates with ornate television productions of *Peter Pan*), dispensing Schaefer-largesse and pointing out chairs to the most elderly of her guests.

A creep shouted up at Heather. His head was huge-big, and he was wearing stilts; without them, one might have thought him a Dwarf Person. Words came out of his mouth like machine-gun bullets: "Rat-a-tat-tat; tat-tat: and tat," he said, handing Heather her three-stringed dulcimer, which she played very well. Strumming it, she began to sing the happy air so popular today: *What d'ya hear in the best of circles? "Schaefer all around!"* Then she landed beside me and wistfully drank my beer. "How très, très!" she sighed in her happy-sad voice.



"Me or the Schaefer?"

"Both of you, darling. You remind me of my brother Ed; the Schaefer, that's easy: it's got a smooth round flavor; never sharp, never flat." A tiger cub jumped into Heather's arms. She handed him to me. "You keep him Ed, or darling, or whoever you are; I think I'm off for Tangier now." Taking only a can of Schaefer, she was gone.

I've heard from her just once: a post card scribbled in Swahili. Of course, the tiger grew too big, and I had to let him go. I've seen him since, though; he's found a proper home with a traveling circus. I hope Heather has too.

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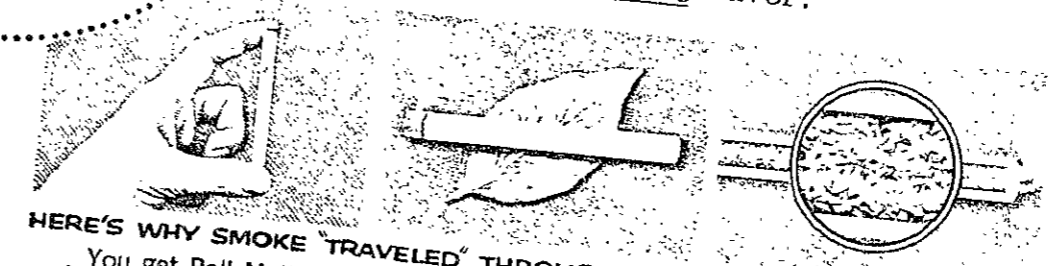


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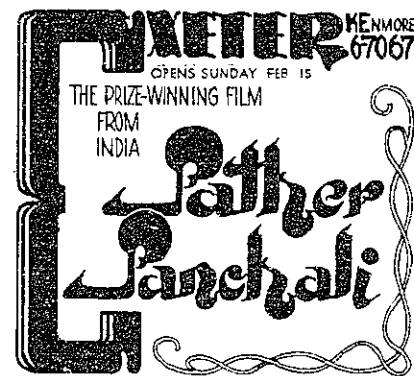
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Frailey Becomes Head Crew Coach McKay To Guide Frosh Oarsmen

MIT has appointed Jack H. Frailey, last year's freshman heavy-weight coach, as varsity crew coach and Ronald L. McKay as freshman crew coach.

Both are MIT graduates and former oarsmen. Frailey succeeds Frank S. DuBois, Jr., who has resigned for reasons of health.

Frailey, 33, rowed with the MIT lightweights from '41 to '44, captaining the eight his last two years. He became lightweight coach in 1954 and his varsities won Henly Regatta titles that June and again in 1955. He is currently the missile systems man-

ager of the RCA plant in Burlington.

McKay, 26, was varsity coxswain and captain in 1953. He also coached the MIT freshman crew in 1954 while doing graduate work in architecture.

McKay studied one year at the University of Goettingen in Germany, then served in the Corps of Engineers, U.S. Army, from '55 to '57. While at Ft. Belvoir, he helped to re-establish rowing at George Washington University and coached their crews in 1956 and 1957. He is currently employed by Bolt, Beranek and Newman, consultants in acoustics, Cambridge.

MIT Skiers Open Season At Cranmore Then Place Second For Osborn Trophy

Although MIT's athletic squads were virtually all idle during the past few weeks, the varsity ski team engaged in competition for the first time this year. The Engineer skiers placed sixth out of ten entries in the William A. Henry Memorial race at Cranmore Mountain January 24th in their opening effort of the season. On February 1st, a much stronger Beaver squad finished second behind Brown University in the Asa Os-

born Trophy Race at Suicide Six in Woodstock, Vermont.

At Cranmore, Peter Goldstern '62 was tops of the Engineer entrants as he was third in the overall standings in the giant slalom. Team captain Knut Hauge '59 was fifth, while other MIT skiers were Jens Jorgensen '59 and George Emo '62. The Beavers were undermanned as the race was held the week-end before final exams.

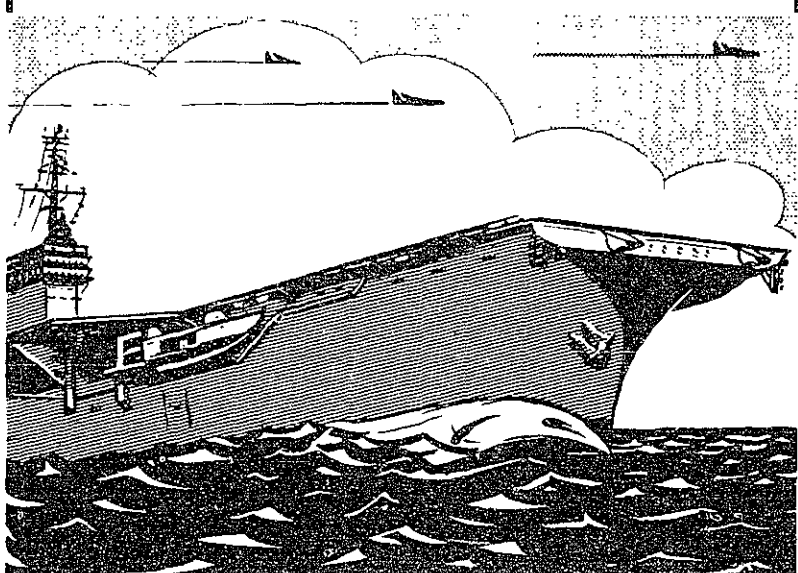
One week later, at Woodstock, the results were much improved as the Techmen posted their best effort in two years over the 48-gate slalom course. Despite icy slopes, freshman Roberto Pececi's sixth place finish led the Engineers. Also placing were teammates Pete Stadler '59, Harry Peterson '59 and Jorgensen.

This Saturday the Beaver skiers travel to Mount Belknap in Laconia, New Hampshire to compete in the Tufts Trophy Giant Slalom Race.

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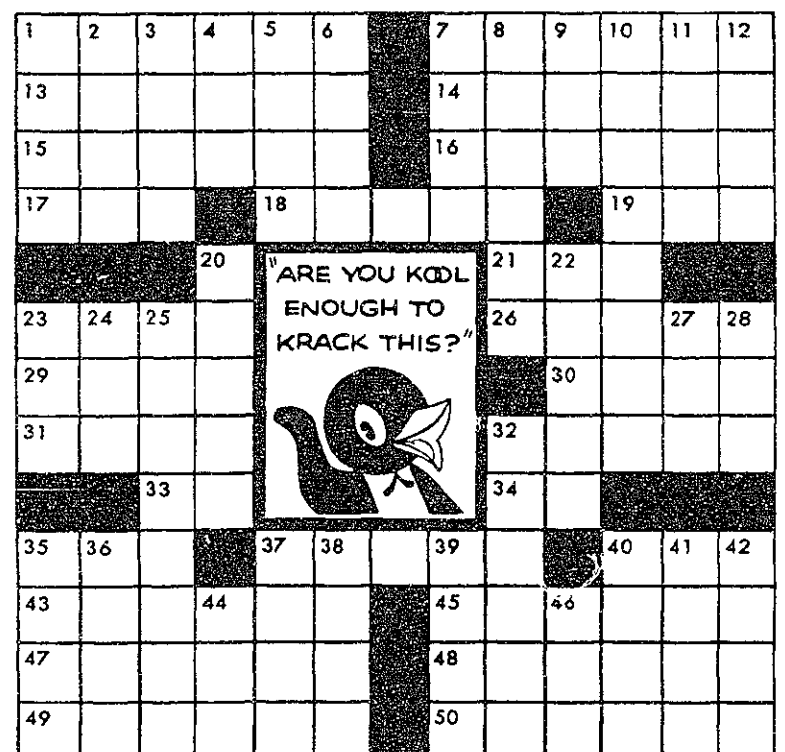
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 7. Put on an act
 13. The guys who made it
 14. Kind of gal who makes it the hard way
 15. Guy who'll make it in May
 16. Put in front of
 17. It's usually right on top of you
 18. Low kind of heel
 19. Guided
 21. Letter for crewmen?
 23. It's human
 26. Does she give you your lumps?
 29. River that sounds like love
 30. That drivin' you hand her
 31. One way to meet expenses
 32. Face the ———; Kools are cooler
 33. You and me, kid
 34. Middle of a kiss
 35. Kind of pot or session
 37. Tear jerker
 40. Soldier boys
 43. Rockefeller hangout
 45. Opposite of de starboard
 47. Get through
 48. Real cool
 49. Kind of walker
 50. Assessment for being a bad lad?
- DOWN**
1. Cummerbund
 2. Half of pleasure
 3. Fontanne's youth
 4. Friend from Paris
 5. Remember: Kools are fresh
 6. "This Gun For —"
 7. Dance of the 30's
 8. Bottle hitters
 9. It's not quite ample
 10. Specializing in digs
 11. Is there somebody —?
 12. Peroxided
 20. Twitches
 22. Hoop-motivated dances
 23. Cheer-leader talk
 24. I love Latin
 25. It's almost as cool as a Kool
 27. Sort of elope
 28. This is the thing
 32. Big-date duds
 35. Sayonara folks
 36. Lighted, Koolly
 37. ——— you try Kools, you'll stay with 'em
 38. Favorite Russian word at U.N.
 39. They go around with ends
 40. Navy mascot
 41. My foolish friend
 42. Hell of a river
 44. Plural of 34 Across
 46. Kind of pal



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Beaver Indoor Trackmen Compete in NE. AAU Championship Meet

The medal-winning effort of Joe Davis '61 in the high jump was the outstanding performance of the MIT track team as the Beavers competed in the New England AAU Indoor Championship at Philips Andover Academy, Andover, Massachusetts, Wednesday night. Neil Bacote '62 and Steve Banks '62 also scored to give the Cardinal and Gray a total of 4 1/2 points.

Davis Jumps 5' 10"
Davis earned his award with a jump of 5' 10", good for a tie for second place. Bacote scored with a jump of 20' 8" in the broad jump to finish in fourth place while Banks was fourth in the 1000-yard run with a 35 effort.

Other members who competed in

the championships were: Phil Schmidt '62, 40-yard high hurdles; John Maier '59, 40-yard dash and broad jump; Val Silbey '62, 40-yard dash; Jim Poitras '61, 600-yard dash; Bob Slusser '60, and George Withbroe '61, 600 and relay; Ray Fletcher '60 and Dan Thomas '59, relay; Herb Grieves '61, mile run; and Paul Robertson '61, three-mile run. Bill Nicholson '60 and Nate Liskov '60 competed in the 35-pound weight throw and pole vault, respectively, which were held at Rockwell Cage on Tuesday.

The meet marked the first time in recent years that MIT has participated in the Indoor Championships as the meet is customarily held during term break when most of the athletes have gone home. Both varsity and frosh squads next see action against unbeaten Bates in a dual meet at Briggs Field on February 21.

on deck

- Friday**
Rifle with Northeastern 6:00 p.m.
- Saturday**
Basketball with Bates 8:00 p.m.
Fencing with Stevens 2:00 p.m.
Hockey at UNH 2:00 p.m.
Rifle with Navy 1:00 p.m.
Squash at Trinity 2:00 p.m.
Swimming at Trinity 2:00 p.m.
Wrestling at USCGA 2:00 p.m.
Pistol with Navy 2:00 p.m.
Skiing, Tufts Trophy Race

Swimming Team Returns To Action Tomorrow Evening Against Trinity

After a month of inactivity, the MIT swim team swings back into action tomorrow evening as they travel to Trinity for what should be their fifth victory against only one defeat. This year's squad is the strongest Tech entry in several years. The team has a "new look" which is featured by Coach Charles Batterman who is in his first year as head mentor. Batterman has come a long way with a unit that last season lost seven of ten meets.

The mermen have yet to engage in a close match, as all of their victories have been by twenty or more points. Featured in these early meets was the relay team of Neal Divine '59, Burnell West '60, Tom Ising '61 and Roger Kane '59. This quartet medley relay mark with a 4:10.4 clocking during last month's contest with the USCGA.

Tom Ising has been counted on all season to provide the team with valuable points in his specialty, the butterfly. He recently set a new MIT varsity record in the 100-yard butterfly with a time of 1:05.8. In addition, the varsity tankers boast two of the finest New England swimmers in Neil Divine, backstroke, and John Windle, free-styler. Furthermore, Dave Cahlander '59 has proven outstanding in the diving events.

Although the front line is strong, the team suffers from an ever present weakness, lack of depth. The next two away contests will be against Brown and Springfield, both of whom scored decisive victories over the MIT swimmers last year. This season, however, both meets should be close and MIT could defeat Springfield.

Following meets with WPI and Wesleyan, the season will continue with the New England competition which will be held here March 6 and 7.

Athletic Activity High on Weekend

Tomorrow, nine MIT winter intercollegiate squads will face competition, as this will be the first weekend of full athletic activity in a month. Four of the contests will be held at home. The once defeated rifle team takes on a rough Navy delegation at 1:00 p.m. at the rifle range. The pistolmen will be in for a hard battle as they face a crack squad of

Midshipmen at the range in the Armory.

Although they edged Stevens 15-12 last year, the fencers are currently much stronger and should win handily at Walker Memorial beginning at 2:00. Coach John Burke's eagers met WPI last night and tackle a mediocre Bates quintet tomorrow evening at 8:00 at the Rockwell Cage. Prior to these two encounters the varsity hoopsters had two victories in seven games.

The hockey team, which journeys to UNH, will be facing a powerful squad that dealt them a 10-0 defeat here December 16.

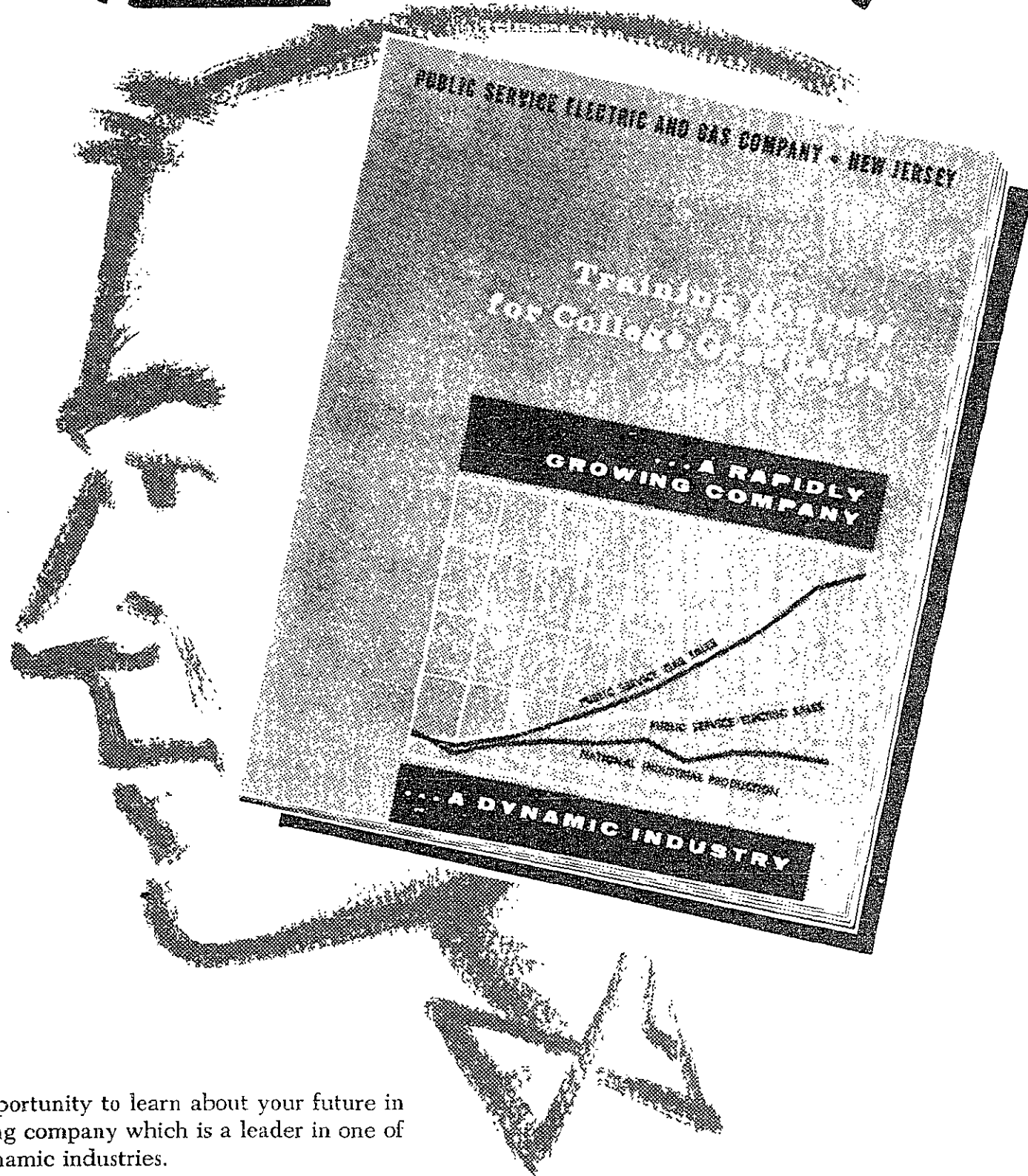
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Freshmen Benrey, Jackson Accomplished Researchers

By Bob Johnson

Upon hearing the outstanding appraisal of their projects from Captain Norman A. Jolie, USAF, I was anxious to meet the two Frosh here at MIT who headlined in last year's National Science Fair. This country-wide Fair, held at Flint, Michigan, had climaxed the achievements of many science-enthusiastic high school students in top level competition for timely and original entries.

For example, Ronald Benrey '62, coming from the Bronx, New York, attained second prize in the entire Fair and first prize in the space category of the Air Force Awards Program with his "home made" space satellite. His satellite (named "Argus I") is a plexiglas sphere 54" in diameter containing a variety of instruments to test conditions in space. The 30-lb. Argus would be able to measure and transmit: temperatures at two points on its surface, internal temperatures, number of strikes by micrometeorites, ultraviolet radiation and direction of solar light. Such data could be relayed via battery power to a total of three receivers whenever keyed to do so by the ground transmitter. A detailed study

of Ronald's achievement which, incidentally, cost him only \$200 appeared in the October, 1958, edition of Popular Electronics.

As Ronald is pleased with the results of the time and energy investment he put into the Argus, he intends to continue in the field of Physics in his studies here. In addition he'd like to maintain the active hobby of writing for magazines and manuals. His next nationally-published article, "Experimenter's Control Box," will be featured in the March issue of Electronics Illustrated.

The other winner, Leeland B. Jackson, is a course XIII man from Atlanta, Georgia, who received the Air Force Award for Air Power. Jackson

did not, however, specialize in one project alone but with a generous portion of skill and ingenuity worked on several ideas throughout his four years of high school.

As a freshman and sophomore in school he was able to set up his own wind-tunnel — cleverly constructed from furnace pipe, disregarded airplane props, and a washing machine motor. With this he experimented with wing shapes of various length and width to amass a collection of data concerning the lift and drag of the wings. From his observations he could predict preferred wing structures for aircraft of different size and missions. The last two years have seen Jackson in a study of shock waves in air and pressure distributions on an airfoil (water-table experiments). As a point of interest most of Jackson's equipment was inexpensive and he was able to make use of advice given to him by the Aeronautical Engineering Department of Georgia Tech for the complex second part of his work.

For his efforts Jackson was given — in addition to an earlier trip with Benrey to Wright Patterson Air Force Base, Dayton, Ohio—a trip to Atlanta this Thanksgiving where he was presented with his award at a

banquet sponsored by the Georgia Wing of the Air Force Association. Principal speaker at the banquet was "Jackie" Cochran, the world's greatest aviatrix and the only woman to fly Air Force military aircraft.

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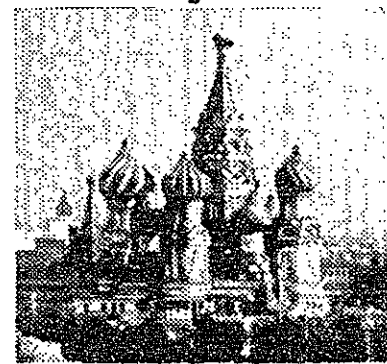
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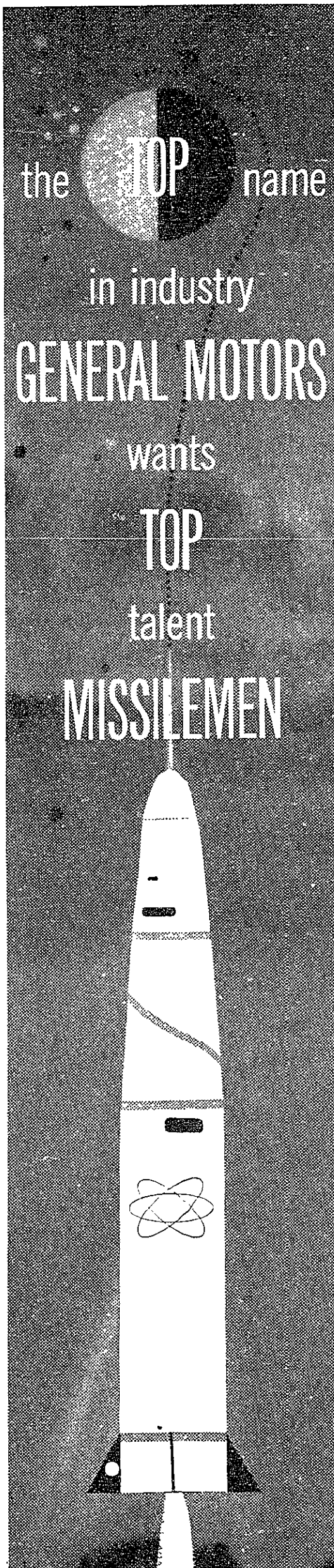
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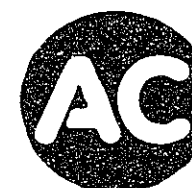
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
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