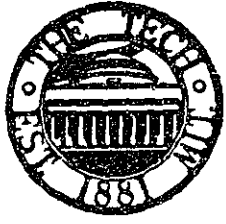


The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVI NO. 37

CAMBRIDGE, MASSACHUSETTS, TUESDAY, OCTOBER 23, 1956

5 CENTS

Politics Reach MIT Physicists Back H Bomb Ban Say "Agreements" Will Hold

Seven MIT physicists have joined together in a statement supporting Adlai Stevenson's proposal for ending hydrogen bomb tests. Their action, which took the form of an open letter sent to several newspapers, is the second public expression of support for a ban by members of the Institute, coming several days after a radio appearance by two other physicists. Similar statements have already been issued by ten Cal Tech scientists and by 73 scientists at the Argonne National Laboratory in Chicago.

Text Of Letter

The MIT letter based its support of a ban on two arguments, one genetic, the other political:

"(1) It is generally accepted that the genetic effects of continued testing at the present are likely to be small; however, this is unfortunately by no means the whole story. There is, in fact, no such general agreement regarding the pathological effects of the world-wide fall out of cancer-producing radioactive strontium. Indeed, many authorities regard the accumulation of radioactive strontium resulting from the present scale of the testing program as already approaching the danger point.

"(2) It is argued that an agreement to stop the tests would be disadvantageous to us because a nation which violates the agreement would gain a

large advantage by getting ahead of us through the exploitation of the test which constitutes the violation. We wish to emphasize first that the advantages gained by a single test cannot be very great; secondly, and more important, any such short temporal advantage would be vastly over-compensated by the serious political set-back which would inevitably accompany the universal moral indignation which such a violation would call forth. In short, we believe that the incentives for keeping such an agreement greatly outweigh the incentive for violating it."

The statement is signed by Professors Victor F. Weisskopf, Bruno Rossi, Herman Feshbach, Francis Low, Robert W. Williams, and Bernard T. Feld and by Research Physicist Albert Wattenberg.

These seven physicists maintain that they are joined by a majority of their colleagues in the department, and interviews with other physicists seems to bear this out. There are some, including Dean George R. Harrison of the School of Science, who agree with President Eisenhower's position that no agreement to end H-bomb tests be made with Russia until a satisfactory disarmament plan is established. Dean Harrison says that: "in the interests of national security, we must continue our H-bomb research and tests."

There is considerable disagreement in the department as to whether the question of ending H-bomb tests should have been made a political issue. The statement by the seven MIT scientists opens by saying: "The undersigned are highly gratified that Mr. Stevenson has initiated a public discussion on the question of an international agreement to suspend H-bomb tests . . . The problem . . . is one that demands the widest public attention and informed discussion."

However, five other physicists, including two who support an H-bomb ban, have spoken out against the fact that "this has become a political issue." One said that "the Stevenson proposal was made in ignorance;" another that "people, like Stevenson, who don't have the facts have no business commenting." Several have used the term "political football."

Freshman-Soph Rivalry Continues; Jones: "Law Must Be Enforced"



Thomas And Salmon Take Same Position

The death knell for the traditional time lag between governmental action and voiced public opinion was sounded Sunday night on the hazing issue. For the first time since the Institute Committee confronted the community with its hazing ban last

Text of Executive Committee's statement of policy on hazing:

The Incomm motion of March 1956, banning hazing, is the only official ruling on the hazing issue. The recent resolution of Dormitory Council is merely a statement of opinion and has no authority to alter the no hazing ruling of Institute Committee. However, in view of the expressed student opinion, Institute Committee is reconsidering the whole hazing question. Nevertheless, hazing is still illegal and the law must be enforced.

It appears that our previous assumption that the law would be obeyed without strong punitive action was in error. Certain people were specifically warned, yet still persisted in violating the law. These individuals are being prosecuted.

This statement is deemed to be sufficient warning to all members of the student body that any further violations will be severely prosecuted.

Muglift Hailed As Soph Success; '59 Makes Money As Frosh Bathe

This year Muglift festivities began earlier than usual due to the Freshman attempts to thwart the party with butyric acid at four p.m. But the frosh miscalculated,—instead of the stifling smell pouring into the cage it spread through the field house. To neutralize the odor that stayed in the Cage, the sophomore Chemical Engineering Department came to the rescue with alcohol, lime, and disinfectant. Unfortunately for the freshmen all was in readiness by eight p.m.

Despite the offer of free admission to the reluctant frosh reconnaissance teams of sophomore were skillfully deployed through the campus to escort the invited guests to the party. Thirty freshmen were rounded up outside of building seven, but at Massachusetts Avenue near the railroad tracks twenty others made their escape. Another carload of guests were saved from apprehension by two squad cars of Cambridge Police. Inside the cage the number of bedraggled frosh rose to almost 100. The sophomores acting as hosts were in complete command. With lookout teams stationed on the roof of the field house and strategic exits all attempted escapees were stymied. By

coercion and other devious means the hosts organized a floor-show of frosh clad in skivies and dripping with beer. Then the sophomore artists went to work painting "59" on freshmen until the lipstick ran out. At this time the frosh brought on their secret weapon in the person of a rented skunk. The sophs rounded up the critter without triggering any odor response. However, the animal wasn't as docile the entire evening. He is now under observation for biting an alumnus and a sophomore. Sophomore please contact the infirmary.

Regardless of the large number of freshmen captured the entire Class of '60 was not caught napping. There was a conspicuous absence of their class officers who left the city to avoid the muglift. Bob Leinhard, Frosh class president, having escaped from the sophomores in the basement of a Harvard dorm at 12:30 p.m. last Friday, was shuffled off to New York to avoid recapture.

Through all the festivities, nine kegs of beer were drained. In the words of Dave Packer the sophomore class secretary-treasurer, "The Lift was a smashing success financially; we came out over \$60 in the black."

Spring, leaders in student government and the administration have joined the student body in committing themselves to stands on the rivalry situation.

(Continued on page 6)

FSSP Discontinued; Faculty Lack Cited; Vacations Blamed

The Foreign Students Summer Project, an important activity at MIT since 1948, is going to be discontinued. Main reason for the move is the fact that there are not enough faculty members at the Institute during the summer to make the program feasible. Recently all faculty members have been given an annual three-month vacation, instead of the former one and one-half months. Since most professors engaged in engineering will take this opportunity to go into the field, and since the foreign students must have a certain amount of guidance to carry on their work, the program as it now stands will have to be dropped.

The program was begun after World War II by two veterans who hoped that it might help scientists rebuild their war torn countries. It has been a great success from the start, with about 1000 men applying annually, out of which about 70 are selected.

Most of the men are engineers or scientists who are working for their respective governments or private industry, or are professors or instructors at universities abroad. The primary basis on which they were selected to come to MIT, was the existence of some research project in which they could take part. Since they are so valuable to their countries, they cannot spend a full winter term here, nor would it be worthwhile to come if they did not have some specific research project in which to take part.

Graham Bill Passed; Will Assist Students With School Loans

In the first state fostered program of this kind, the Graham Bill of the Commonwealth of Massachusetts has made provision for a student loan fund. The bill, originally conceived by State Senator Graham, has as its purpose "the assistance of students for the fulfillment of a program of higher education."

The bill, in effect, has given a charter to a group of business and civic leaders who will constitute the board of the loan corporation. The title of the corporation will be "The Massachusetts Higher Education Assistance Corporation." The corporation will underwrite the loans, which will be passed to applicants through local banks. The Commonwealth of Massachusetts plays no role in the corporation. Previous to the Graham Bill, banks were unable to make this sort of loan because of the auditing and collateral problems involved. The rate of interest, though not yet determined, will be workably and reasonably low. According to Director of Student Aid, Dean Thomas Petre, the Institute Loan Fund interest rate has been 1% since 1949. The only collateral required will be testimony of a good moral character and academic standing. These will be "character" loans.

The loan fund will be open to residents of Massachusetts only, who are eligible whether they attend a state college or not. Freshmen, however, will not be eligible.

The loans themselves carry the stipulation of up to \$1000 a year or a maximum of \$3000 a year for 3 years.

MIT students can qualify for both institute and state loans if, of course, they can prove themselves needy and otherwise in good standing.

It is hoped by the corporation that they will be able to put the program into effect by next year.

President J.R. Killian Christens New Shell "The Liz", Named In Honor Of His Wife



Thursday afternoon at the Boat-house, President James R. Killian, Jr. christened Tech's newest shell, "The Liz", named in honor of his wife, Elizabeth Parks Killian. The shell was purchased with the money paid to President Killian for his Life Magazine article last year, and turned over to the AA by him late this spring.

Christened With Champagne

In the traditional ceremony, the President broke the river water-filled champagne bottle over a crowbar held above the shell. The varsity heavyweight crew then had the honor of lowering the shell into the water for the launching. "The Liz" represents Tech's second new shell in recent years, the lightweight "Willie" being the last previous addition. Because of their fragile nature and delicate construction, crew shells cost close to \$2,000 and are thus difficult to replace.

The Tech

VOL. LXXVI Tuesday, October 23, 1956 No. 37

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The Tech is published every Tuesday and Friday during the college year, except during college vacations. Entered as second class matter at the post office at Boston, Massachusetts.

EDITORIALS

The Gathering Storm

Wednesday night may well be the beginning of the end. Institute Committee will meet and will, presumably, debate a motion to rescind the now totally ignored hazing ban. Until now, student government officials have done nothing more than wave their hands and bluster. With the attention of both students and administration now focused on the problem, student government must act Wednesday or the administration will get into the fracas. To preserve its pretense of autonomy and responsibility, Institute Committee must either lift the ban or take steps to enforce it stringently. Either move will produce acute loss of face. Rescinding might well lead to a counter-ruling by the administration and enforcement is near impossible and unpalatable to most students. Fortunately for Institute Committee, the two days and three nights time between Wednesday and Field Day is short enough to permit administration action on "an embarrassing judicial case" to be delayed until interest has cooled. Thanks to lucky timing, the sham of student government autonomy will come out badly beaten but still breathing; and half a face is better than none.

reviews

"Mademoiselle Gobette," now playing at the Brattle Theatre, is a racy comedy about an artful showgirl who invaded the hearts and beds of everyone from a provincial prosecutor to the Minister of Justice himself. At one point the Minister said to her (while under the misguided impression that it was *he* who was doing the seducing) that the whole future of the Department of Justice, and thus the future of all France, depended upon her acquiescence. It was much to his chagrin that he discovered the truth in his words as she did profoundly shake the foundations of French justice by placing her multifarious lovers in situations which were as shocking and embarrassing to them as they were humorous to the viewer. What the story did lack in subtlety, it more than made up for in the ingenuity of its plots.

The trouble began when the local prosecutor came to investigate Mlle. Gobette for allegedly singing risqué songs and wearing scanty costumes in her act. This cunning veteran in the art of handling men had only to show him one costume and one kiss before he was rendered harmless. In a second attempt to rid the town of its threat to decency, the judge, who was also president of the local court, ordered the closing of her show and her dismissal from the hotel. Deprived of lodgings, Mlle. Gobette decided to take up residence with the austere judge, whose family was conveniently out of town. Also conveniently for the judge's conscience, if for nothing else, the doorbell caught them in the middle of their first kiss, and the stern Minister of Justice entered, on a campaign in the provinces to rid the department of those of its members who liked women better than law. Soon almost everyone in the department liked better than law one particular woman, Mademoiselle Gobette, who, unperturbed by their continual mortification, plunged them all into one hilarious predicament after another.

Playing the lead as the beautiful, and usually quite visible, Mademoiselle Gobette, was Silvana Pampanini, whose abilities as an actress were proved as she played an actress, doing an excellent job of being a different woman to each of her many men. Sometimes seductive, sometimes shy, her roles were as convincing to the audience as they were to her victims.

—Charles A. Eckert '60

CALENDAR OF EVENTS

WEDNESDAY, OCTOBER 24

Organ Demonstration. Part III: The Flute Stops. Feature work: Concerto in G-major by J. S. Bach. Mr. David C. Johnson, MIT organist.

KRESGE AUDITORIUM, 12:10-12:40 p.m.

Operations Research Seminar. "Linear Programming"—Part V. Professor Dean N. Arden, Electrical Engineering Department. ROOM 6-120, 3:00 p.m.

Hillel Society. General meeting and discussion of future program. HAYDEN LIBRARY LOUNGE, 5:00 p.m.

Inter-Varsity Christian Fellowship. Talk: "Victory in the Christian Life." Speaker: Rev. Calvin Malfeyt, minister to students at the Park Street Church. ROOM 3-070, 7:00 p.m.

THURSDAY, OCTOBER 25

Mathematics Department. Harvard-MIT Joint Mathematics Colloquium: "Infrapolynomials." Professor Theodore S. Motzkin, of the University of California, Los Angeles. Tea will be served at 4:00 p.m. ROOM 18, 2 DIVINITY AVENUE, HARVARD, 4:30 p.m.

Military Science Department. Smoker, ROTC Cadets invited. ROOM 10-340, 4:00-5:30 p.m.

Physics Department. Colloquium: "New Problems in Order-Disorder in Alloys." Professor B. E. Warren, Physics Department. ROOM 6-120, 4:00 p.m.

Lecture Series Committee. Film: "The Little World of Don Camillo" (English dubbed), starring Fernandel. Admission: 30 cents. ROOM 10-250, 5:30, 7:30, and 9:45 p.m.

FRIDAY, OCTOBER 26

Mechanical Engineering Department. Seminar: "Statistical Analysis of a Wear Process." Professor B. G. Rightmire, Mechanical Engineering Department. Coffee will be served in Room 3-174 from 3:00-3:30 p.m. ROOM 3-270, 3:30 p.m.

SATURDAY, OCTOBER 27

Freshman Cross Country Track Team. Meet with Northeastern University. FRANKLIN PARK, 10:30 a.m.

Varsity Cross Country Track Team. Meet with Northeastern University. FRANKLIN PARK, 10:30 a.m.

Humanities Department. Fall meeting of the New England College English Association. Address: "Why Teach English," by Professor Mark Van Doren, educator, poet, critic, and author. The afternoon session will include a varied program of talks and panel discussions on literature and teaching (1:30-4:30), and a tea at 4:30. KRESGE AUDITORIUM, 10:55 a.m.

Field Day (Classes suspended). (Times subject to change)

Crew Race. CHARLES RIVER, 12:00 Noon
Swimming Meet. ALUMNI POOL, 12:30 p.m.
First Tug of War. BRIGGS FIELD, 12:45 p.m.
Freshman-Sophomore Football Game.

Relay Race. BRIGGS FIELD, 1:00 p.m.
BRIGGS FIELD, 1:45 p.m.
Second Tug of War. BRIGGS FIELD, 2:00 p.m.
Freshman-Sophomore Football Game (2nd half). BRIGGS FIELD, 2:15 p.m.
BRIGGS FIELD, 3:15 p.m.

SUNDAY, OCTOBER 28

Freshman Sailing Team. Nonagonal Race. SAILING PAVILION, 9:00 a.m.

MIT Humanities Series. First concert for 1956-57: The Quintetto Boccherini. The program will include the Quintet in C minor (Opus 29, No. 1) by Boccherini, Symphony for Five Strings by Malipiero, and Quintet in C major (Opus 163) by Schubert. Single tickets at \$1.75 and series tickets at \$7.50 are available in Room 14-N236. KRESGE AUDITORIUM, 3:00 p.m.

MONDAY, OCTOBER 29

Chemical Engineering Department. Graduate Students Society Colloquium: "Growth of Turbulence in Flames." Dr. Howard Emmons, School of Applied Sciences, Harvard. ROOM 6-120, 4:00-5:00 p.m.

Civil and Sanitary Engineering Department. Photogrammetry Seminar: "Atmospheric Refraction Problems in Photogrammetry." Dr. Claus M. Aschenbrenner, Visiting Professor of Physics at Boston University, Institute of Air Photography. ROOM 1-273, 4:00 p.m.

Tau Beta Pi. Smokers (Monday through Friday). BUILDING 35, PENTHOUSE, 4:00-6:00 p.m.

TUESDAY, OCTOBER 30

Mathematics Department. Continuum Mechanics Seminar: "Thin Elastic Helicoidal Shells." James K. Knowles (G), Mathematics Department. ROOM 6-120, 3:00 p.m.

Metallurgy Department. Colloquium: "On the Thermodynamics and Kinetics of Recovery." Professor M. B. Bever, Metallurgy Department. ROOM 6-120, 4:00 p.m.

Nuclear Engineering. Seminar: "The MIT Reactor." Professor T. J. Thompson, Chemical Engineering Department. ROOM 12-142, 4:15 p.m.

Electrical Engineering Department. Colloquium: "The MIT Nuclear Reactor." Professor T. J. Thompson, Chemical Engineering Department. Refreshments will be served in Room 10-280 at 4:30 p.m. ROOM 10-275, 3:30 p.m.

CALENDAR OF EVENTS

The Calendar of Events is distributed to the staff through the Institute's mails each Wednesday, with announcements for the following eight days. Material for the Calendar of October 31-November 7 is due in the editor's office, Room 3-339, not later than noon on Thursday, October 25.

Don't Lose Your Pants!

Beaver Key Will Sell Tape On Field Day For Glove Fight Participants

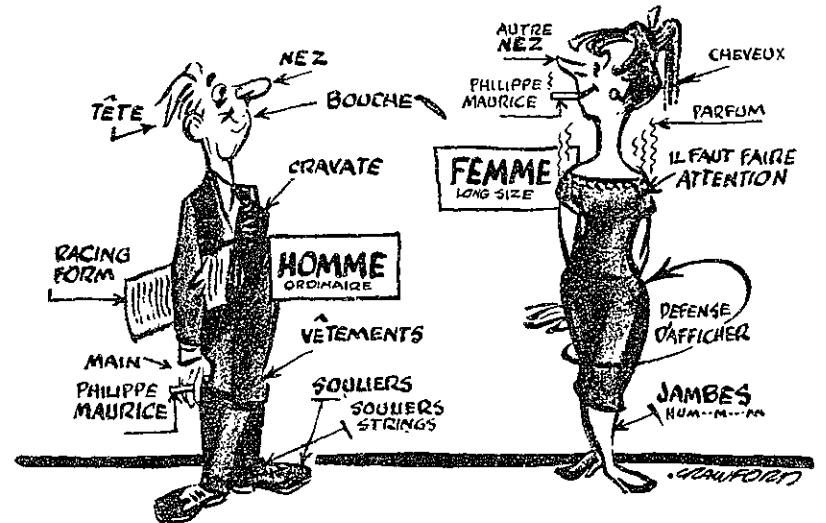
ALSO HOT DOGS, COFFEE, COCOA, AND COKES
AT THE BEAVER KEY STAND IN ROCKWELL CAGE
OR ON BRIGGS FIELD



LANGUAGE MADE SIMPLE: No. 1

In this day of swift international communications, like radio, television, and the raft, it becomes increasingly important for all of us to have a solid grounding in foreign languages. Accordingly, I have asked the makers of Philip Morris whether I might not occasionally forego levity in this column and instead use it for a short lesson in language.

"Of course, silly!" chuckled the makers, tousling my yellow hair. Oh, grand men they are, the makers of Philip Morris, just as full of natural goodness as the cigarettes they make. "Of course, fond boy, you may occasionally forego levity in this column and instead use it for a short lesson in language!" said the makers and tossed me up and down in a blanket until, rosy with laughing, I bade them desist, and then we all had basins of farina and smoked Philip Morris and sang songs until the campfire had turned to embers.



For our first lesson in language, let us take up French, which has often been called the *lingua franca* of France. We will approach French in a new manner, because, to be brutally frank, the way it is taught in our colleges is archaic and obsolete. Why all this emphasis on grammar? After all, when we get to France does it matter if we can parse and conjugate? Of course not!

So for the first exercise, translate the following real, true-to-life dialogue between two real, true-to-life Frenchmen named Claude (pronounced *Clohd*) and Pierre (also pronounced *Clohd*):

CLAUDE: Good morning, sir. Can you direct me to the nearest monk?

PIERRE: I have regret, but I am a stranger here myself.

CLAUDE: Is it that you come from the France?

PIERRE: You have right.

CLAUDE: I also. Come, let us mount the airplane and return ourselves to the France.

PIERRE: We must defend from smoking until the airplane raises itself.

CLAUDE: Ah, now it has raised itself. Will you have a Philippe Maurice?

PIERRE: Mercy.

CLAUDE: In the garden of my aunt it makes warm in the summer and cold in the winter.

PIERRE: What a coincidence. In the garden of my aunt too!

CLAUDE: Ah, we are landing. Regard how the airplane depresses itself.

PIERRE: What shall you do in the France?

CLAUDE: I shall make a promenade and see various sights of cultural and historical significance. What shall you do?

PIERRE: I think I shall try to pick up the stewardess.

CLAUDE: Long live the France!

©Max Shulman, 1956

Et vive aussi la Philippe Maurice, la cigarette très bonne, très agréable, très magnifique, et la sponsor de cette column-là.

Here is a sample of freshmen spirit, perhaps in answer to the Sophomore Muglift Friday night. This poem, together with a short and enthusiastic warning to the class of '59, appeared on a Baker House bulletin board on Sunday. Saturday will tell if the frosh spirit is material as well.

If the sophs ever drank their kegs of beer
instead of pouring it around
There'd be nothing left on this campus of ours
but sophomores lying on the ground.

If the sophs ever used deodorant
as necessity decrees
No one would notice their chicken feathers
a waving in the breeze.

If each soph ever lost last year's registration
card he'd really be up the creek
For we'd have more pants in a half a night
than the sophs got in a week.

Rally round o' sophomores
lift your voices high
For there's nothing like the screams of sophs
when they're about to cry.

THE FRESHMEN '60

Frosh Executive Committee To New York After President Escapes Soph Abductors

by Bob Leinhard '60

"On Thursday afternoon I was walking across Harvard Bridge when several cars stopped, and over twenty sophomores descended on me. Seeing resistance was hopeless, I signalled the freshman I was with to run, and resisted until he had escaped.

"Once I was in the car I was held securely and the car was driven out to Brookline, where I was blindfolded, bound, and transferred to another car. I was then taken to an apartment near Fenway Park. My captors said that as long as I made no attempt to escape they would treat me as well as possible under the circumstances. They also said they desired my presence at the Sophomore muglift.

"For dinner I was taken to a drive-

in where I was given a steak dinner. After dinner I was taken to a Harvard dorm. Also present at the dorm were three Harvard students apparently recruited to help hold me by the fearful sophomores. At this point escape seemed impossible. However, I began to complain that I could not study well in the cramped dorm room. Finally, to silence my protestations, my captors took me to a library. There I wrote a note which said: 'Help. I am an MIT Freshman being held prisoner against my will. Can you help me escape?' After I had studied a while, it was decided to return me to the dorm. On the way out I slipped my note to a man who was either a janitor or a Harvard proctor. He stopped us, asking what the note meant. While the people with me gagged, I turned and ran. I ran out on Memorial Drive, where I jumped in front of a car. When they stopped, I opened the door and leaped in-

side, crying for them to go, go, go. "At first the three Harvard students in the car thought I was either drunk or insane, but finally I convinced them that I really was the president of the MIT freshman class newly escaped. After this the guys in the car put me up for the night, and offered me full hospitality. In the morning I called Dwayne Burnson, the Freshman Incomm Representative. After Dwayne had taken his quiz, he picked up Art Shallock, the vice-president, and drove out to pick me up where I was staying. Joe Verderber, the Secretary-Treasurer, had apparently disappeared, as Dwayne could not find him at this time. Then we drove down to New York. Friday night we sent the poor, frustrated sophomores a telegram, which said: 'Sorry we missed your party. Were unavoidably detained. Wish you were here. Signed: Executive Committee, Freshman Class.'

Made this discovery yet?

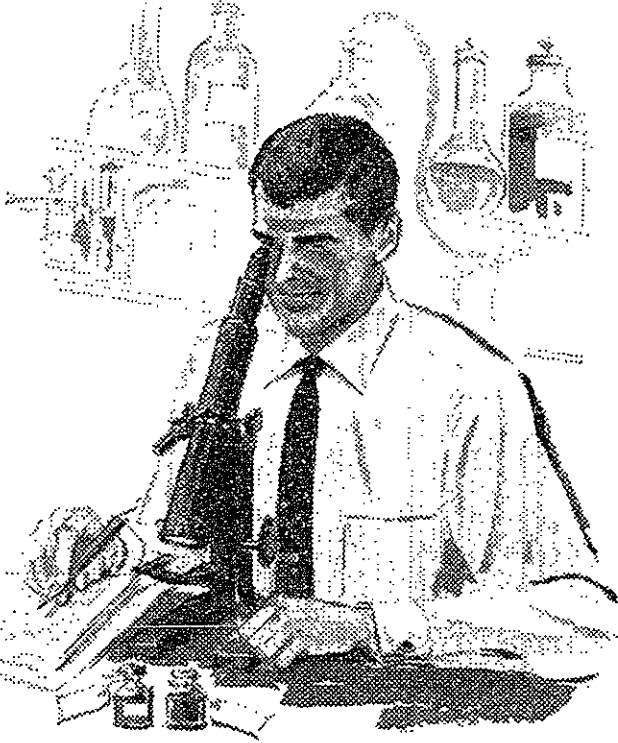
You combine some very basic elements when you slip into this Arrow Par White shirt. Its medium-spread collar and handsome broadcloth fabric give you an extra measure of style. And because it's a soft collar (with stays), you're assured of comfort a-plenty. Add the English block print tie for a perfect final touch.

Shirt, \$3.95; tie, \$2.50.

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- The Mighty Mites
- Skiing Unlimited
- Old Man of the Mountain

KRESGE AUDITORIUM

Thursday, October 25, 8:15 P.M.

Tickets \$1.50 inc. tax at T.C.A.

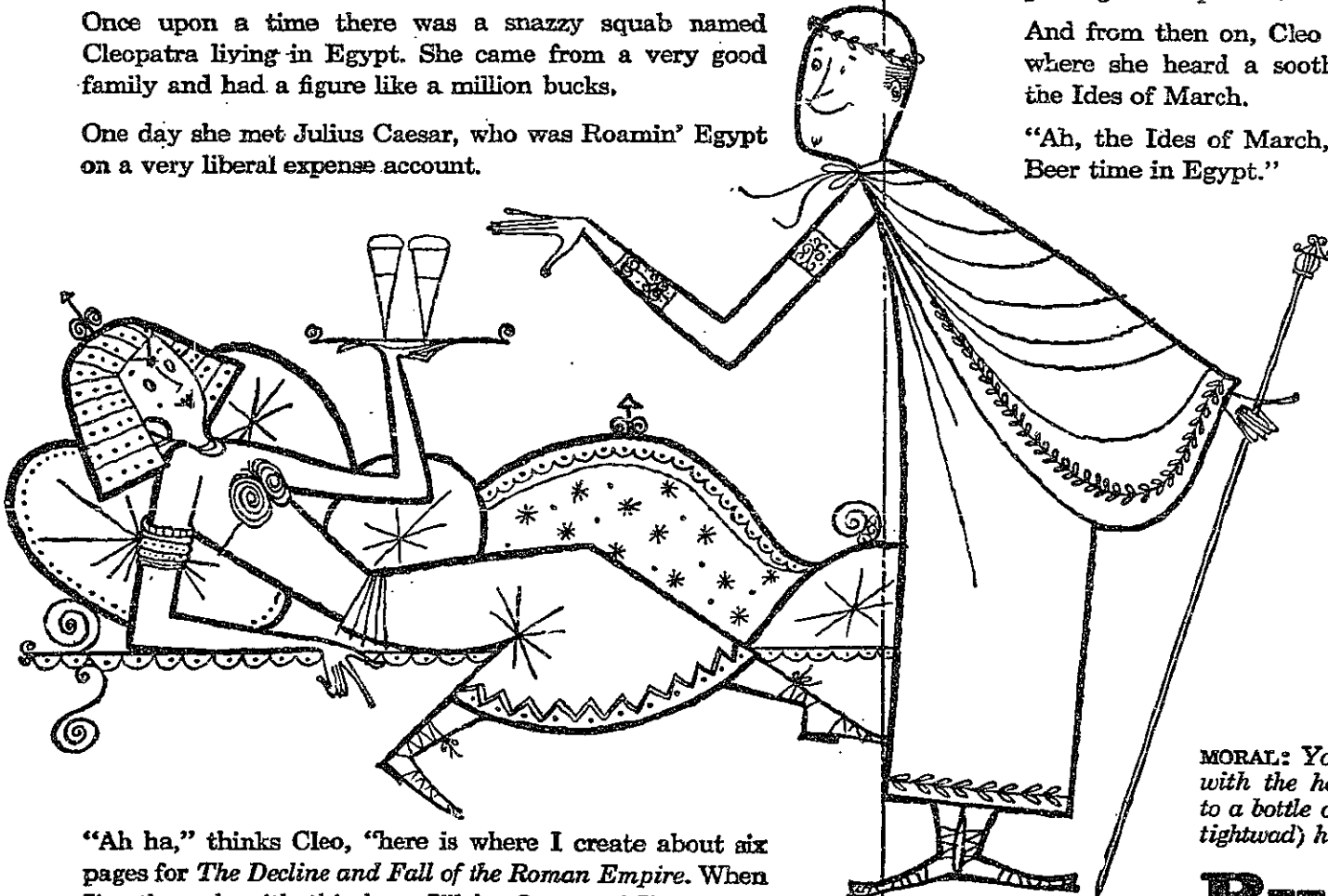
Auspices of WHITE MOUNTAIN SKI RUNNERS

What Cleopatra taught Caesar

or... She asped for it

Once upon a time there was a snazzy squab named Cleopatra living in Egypt. She came from a very good family and had a figure like a million bucks.

One day she met Julius Caesar, who was Roamin' Egypt on a very liberal expense account.



"Ah ha," thinks Cleo, "here is where I create about six pages for *The Decline and Fall of the Roman Empire*. When I'm through with this boy, I'll be Queen of Egypt and he'll be selling his memoirs in drugstores for two-bits a copy."

So she went for the full count at a high-priced beauty saloon and bought several quarts of *Midnight on the Pyramids*.

But Caesar wasn't buying the pitch. "Hmmm," thinks Cleo, "I'll finesse the Queenship with my ace."

Whereupon she sauntered in with several tankards of the fine beer that Egyptians had been brewing for thousands of years. (Let's face it—here comes the commercial.)

"By Jupiter," said Julie, "this is good! Such clear, sparkling brilliance! Such refreshing flavor! Such creamy foam! Be mine... be Queen... but above all be generous with this delightful brew! Wherever did you learn to make it?"

"Why... my mummy taught me," she answered coyly, passing him a pretzel.

And from then on, Cleo clung to Caesar; even in Rome where she heard a soothsayer mutter something about the Ides of March.

"Ah, the Ides of March," exclaimed Cleo, "that's Bock Beer time in Egypt."

Not long after, Caesar got rubbed out, and Cleo got herself back to Egypt where she carried on with Marc Anthony until Augustus upped and fixed his wagon. Anthony did himself in and Cleo did likewise when her charms failed to awe Augustus.

"I'll take a short bier," said Cleo as she lay dying from the asp's sting.

And so ended the career of one of the best salesmen that beer ever had.

MORAL: You, too, can make social conquests with the help of fine beer. Treat a friend to a bottle of Budweiser. And (unless he's a tightwad) he's sure to return the compliment.

Budweiser

LAGER BEER

ANHEUSER-BUSCH, INC. • ST. LOUIS • NEWARK • LOS ANGELES

Sophs Win, Frosh Bow In Football Play

Boyd, Couch Lead '59 To 24-0 Win

A vastly improved sophomore football team took a decisive 24-0 decision from a good Andover JV squad last Saturday at Andover. The sophs flashed a strong driving attack that could not be contained.

After a scoreless first period in which the "Muglifters" had demonstrated that this was going to be their day, fullback Larry Boyd raced fifty yards down the sideline to register the first TD early in the second period. Boyd's run was through or over a good part of the opposition. Larry also added the second tally on an end run that was good for sixty yards and a half time lead of 12-0.

In the second half the scoring bur-

den shifted from Boyd to "Tank" Couch who went over on pretty runs of 65 and 10 yards. Scattered between these were also several other long gains. The story was not all in the backfield though as a strong line made up for its previous poor showing by providing the holes when necessary.

The victory was not without its cost, however, as tackle Harry Forster suffered a fractured wrist. Other than this though, the sophs seem in good shape physically and team spirit has been mounting with every game. The sophs are confident of revenging last year's 12-0 defeat at the hands of the Class of '58.

Thayer Tops Frosh On 1st Quarter Tally

The Freshman football team dropped a hard-fought, 7-0 decision to Thayer Academy of Braintree at Briggs Field Saturday afternoon. This was the frosh's final warmup before their clash with the sophomores next Saturday. Last week, Tabor Academy beat the Class of '60, 25-6.

Russ Delano, Thayer tailback scored the only touchdown of the afternoon in the first quarter as he took a handoff from Bob Hunt and raced seven yards for the score. Delano also added the extra point. The key play in the game occurred moments

(Continued on page 6)

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Cross Country Team Bows To UNH; Frosh Also Edged In Saturday's Meet

The MIT cross country team came out on the losing end of a 19-37 score in last Saturday's dual meet at New Hampshire. Tech's first finisher, Pete Carberry '57 finished third, twenty-two seconds off the record breaking pace of UNH's John Rasmussen. Another Hilltopper separated Carberry from Tech Captain Dave Vaughan '57 who finished fifth. Running in a race again, Tech placed its next three men, Rod Swift '58, Glenn Bennett '58, and Bob Solenberger '57 in 8th, 9th, and 11th spots. It was the first dual meet for the harriers

who had previously run second in two triangular meets and third in another. At the same time the Varsity was being routed, the Frosh team put up a beautiful fight against New Hampshire, with only lack of depth causing them to bow out 27-30. Bill Munano and Dan Oliver ran one-two in the race over the 2.6 mile course. Next Saturday the harriers face Northeastern in the last dual meet of the season. Following this meet will be the New Englands and the ICAA meet.

bushleaguer

DU, Delts, Theta Chi, Sigma Chi Victors

by Abe Feinberg '60 and Lenny Spar '60
Sigma Chi 2—Sigma Nu 0
In a game completely dominated by the defensive play of both teams, Sigma Chi eked out a 2-0 victory over Sigma Nu last Sunday. SX's defense was so powerful that only once did the losers reach midfield. In contrast, SN was forced to hold while in their own territory during most of the game. Midway in the opening period SX drove to within two yards of paydirt only to have Matt Florian '60 intercept for SN. A few minutes after the third quarter kickoff Doug McIver '57 snagged one of SN's passes and raced to their one-yard line. The Sigma Nu defense rose to the occasion and held for four downs. On their first offensive play Paul Ekberg '58

was tagged in the end zone for a safety by Dave Baldwin '58. With seconds remaining in the game SX drove again to their opponents' one-yard line. After two plays time ran out. Fred Morefield '57 played a tremendous game at defensive center for the Sigma Chis, while Chuck Conn '60 was a standout on the defense for the losers. Next Sunday SX will face Beta Theta Pi for the League III championship.
Theta Chi 33—Phi Kappa Sig 6
Rolling up four touchdowns in the first half to ice the game, Theta Chi downed Phi Kappa Sigma, 33-6, and earned the right to meet Phi Delta Theta for the League II crown. Hank Moesta led the TX attack by passing for four T.D.'s and running for three extra points. Midway in the first

stanza, Moesta flipped eight yards to Bill Bayer '58 to give Theta Chi a 7-0 lead. In the next period PKSs defense collapsed and Moesta threw to John Patalive '60 for a one-yard scoring play after a Moesta-Al Richman '57 pass netted forty yards. Moments later Moesta hit Richman for twenty-five yards and a TD. Just before the end of the half Moesta tossed to Bayer for the latter's second touchdown and made it 26-0. In the third quarter PKS dominated play and scored on a thirty-yard pass from Al Dammig '59 to Bill Patt '60 while holding the victors scoreless. A Patalive-Hurst '60 pass play in the closing minutes of the game ran the score to 33-6. Next week Theta Chi and defending champ Phi Delta Theta will battle it out for the League II laurels.

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DU 7—ATO 6
Delta Upsilon gained the finals of league one competition Sunday with a hard fought 7-6 victory over Alpha Tau Omega. Surviving a strong bid by ATO to equalize the score, DU managed to hold on to win, after ATO's conversion attempt was nullified because the pass was caught out of the end zone.
Captain John Day '57 blocked a punt by ATO in the opening minutes of the ball game and then recovered it in the end zone for DU's lone TD. Ken Auer '58 tallied the winning point a moment later for the conversion.

Delts 20—SAM 0
Sigma Alpha Mu found itself buried under a Delta Tau Delta avalanche in the league four semi-final, as the Delts walked off with a 20-0 decision. Displaying clear cut evidence of their superiority, the Delts were able to control the ball most of the game, even though they played their second and third teams throughout the second half.
Mike Tym '57 threw for touchdowns to Red Fowler '57 and Dan Holland '58 in his role as quarterback while Chuck Spear '57 carted the other TD across on an end run. The remaining Delts' points came on conversion tosses from Tym.

What young people are doing at General Electric

Young mathematician helps pace engineering advances

Recently General Electric developed a compact, new motor for industrial use. But before the motor could be put into automatic production, one difficulty remained: to design a protective end shield that would confine any possible explosion to the motor itself.

The man who solved the tough mathematical problems involved is R. A. "Pete" Powell — a mathematical analyst whose job is to assist other engineers in math problems which arise in any number of different projects.

Powell's Work is Varied and Important

Because he is not tied down to any one project, Powell seldom has two similar assignments. Taking established engineering and mathematical principles, some of them extremely complicated, Powell applies them to advanced engineering problems. In doing this, Pete is able to make such calculations as the distortion of a small part of a jet engine caused by vibrations, the deflection occurring in a turbine part when it runs at operational speeds, or the forces exerted upon a rotating shaft by lubricants.

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Educational Relations, General Electric Company, Schenectady 5, New York

R. A. "PETE" POWELL joined General Electric in 1953 after receiving his B.S. in Physics in '47 and his M.S. in Mathematics in '49, both from Purdue. From 1949-52 he completed further study in Physics again at Purdue.

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REACTIONS

(Continued from page 1)

Undergraduate officers were particularly vociferous, as in addition to their accompanying official statement they commented freely on their philosophies on the issue and their logic behind their reasoning. Undergraduate Association President Malcolm Jones '57, blasted hazing as "childish but traditional", and went on, "There has to be some way, such as a class project, to get spirit up, but hazing is not it. Things should have been stopped before they got so far ahead." Tagging Friday night's Sophomore Muglift as "the straw that broke the camel's back", UAVP Tom Thomas '57, intensified the Execcomm statement, explaining, "After the muglift and subsequent incidents, Inscomm can no longer take an easy going attitude." Student government's man on the spot, Judicial Committee chairman William Salmon '57, epitomized the situation: "The rules were made by the student government, but the students have rebelled." As to the curtailment of this rebellion, Salmon indicated, "Action on individual depantsing incidents are futile, but other more serious things have occurred." These, Salmon pointed out, included the dangerous use of tear gas as well as an open "lack of cooperation among leading members of both classes", and they are now up before Judcomm "not just as warnings, but as serious in-

fractions of the Inscomm motion, and to be prosecuted as such."

Speaking in the absence of Dean of Students John Rule, newly appointed Chancellor Julius Stratton explained the administration's stand as "desirous of backing student government as long as it takes the initiative in solving problems such as this." Dr. Stratton went on to reaffirm the administration's "strong belief in student freedom and autonomy", adding however that were student government to "shrug its shoulders at the matter", the entrance of the administration would be "inevitable". He qualified the latter comment as a "responsibility to the Institute's name rather than a threat."

NOTICE

Any freshman who is desirous of recovering property mislaid in or near the cage Friday night; or any sophomore who recovered such articles please contact Bruce Blomstrom, CI 7-8275, or Dave Packer CI 7-8048.

I. P. C. SMOKER

The International Program Committee is holding a Smoker on Wednesday, October 24, from 5:15 to 6:00 p.m. in the Student-Faculty Lounge, Room 2-290.

Y. R. C. MEETING

A Young Republican Club meeting will be held on Tuesday, October 23 at 5:00 in the Master Suite Lounge of Baker House.

FROSH FOOTBALL

(Continued from page 4)

before when Thayer came up to scrimmage to run a fourth down play. The ball rested on the MIT 10-yard line and Thayer needed 2 yards for a first down. Bob Hunt pitched out to Dave McGlone who tried to skirt the left end. McGlone was hit several times behind the line of scrimmage but twisted away to pick up the first down by inches. The frosh lost their chance to take possession of the ball and two plays later Thayer scored.

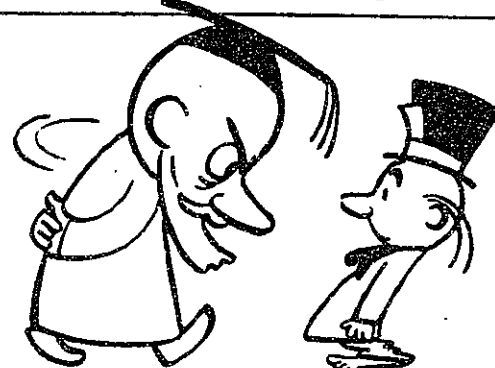
Dave Kaplan, frosh halfback, broke loose for runs of 15 and 11 yards early in the second quarter to get an offensive drive underway, but it petered out at the Thayer 28-yard line. Quarterback Joe Patalive and fullback Bill Conn also picked up a few long gaining plays, but the frosh could not cash in on them. Frequent fumbling in the backfield kept throwing the MIT eleven backwards and they always found that even after the long-gaining plays they were still short of the first down, and, of course, short of the Thayer goal line.

A. S. M. E.

A meeting of the American Society of Mechanical Engineers will be held Wednesday, October 24 at 5:10 p.m. in the Library Lounge. There will be a talk and movie on "Mechanical Development Engineers in the Chemical Industry."

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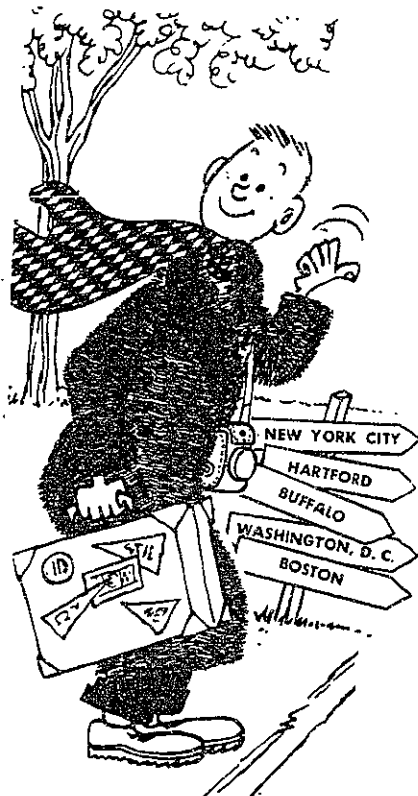
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