

The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LV NO. 13

CAMBRIDGE, MASSACHUSETTS, TUESDAY, MARCH 22, 1955

5 CENTS

Use Of U.S. Resources Analyzed In New Institute Study Program; Planning Processes "Inadequate"

Dean Pietro Belluschi of MIT's School of Architecture and Planning announced last night that a grant of \$93,750 from Resources for the Future, Inc., will underwrite a five-year study at MIT of the principles and methods of analyzing resource problems.

The project will be in the Institute's section of Urban and Regional Studies in the Department of City and Regional Planning. It will be under the direction of Dr. Walter Isard, Associate Professor of Regional Economics.

The results of this study—new ways to plan industrial expansion and human activities in terms of the resources available—should be useful, Dean Belluschi said, to many industries as well as to local, state, and national government agencies.

In speaking of the new project, Dr. Isard points out that "America's continuance as a dominant economy of the world is contingent upon attaining a wise and efficient use of both God-given and man-made resources.

"The history of our country is re-
(Continued on page 4)

Exec Comm Meeting Held; Nominations For Sub-Committee Chairmen Considered

Nominations for the heads of the special and standing sub-committee of Inscomm were made at a closed session of both Executive Committees, of the old and the new Inscomm. The meeting was unusual in the sense that it was the longest such meeting this year and that it is the first meeting attended by both the out going and the incoming Executive Committees.

The offices to be filled are the chairmanships of the Finance Comm., the Public Relations Comm., the Secretariat, the Stu-Fac Comm., the Freshman Coordinating Comm. and the NSAA.

The chairman of the IPC was chosen by the last Inscomm. Judcomm chairman was chosen at the last meeting of the old Inscomm.

The major purpose of the meeting was to nominate persons for the chairmanships of the standing sub-committee of Inscomm and to work on the agenda for the Inscomm Leadership Conference.

The Leadership Conference is a meeting which will be held in April when the members of Inscomm will discuss the problems that are likely to come before them this year. The conference is held off campus, at Exeter, New Hampshire, so that the students can devote their full attention to the problems of student government without outside interference.

The results of the Executive Meet-
(Continued on page 6)

TECH LITERARY SUPPLEMENT

"For of all sad words of tongue or pen,

The saddest words are these: 'It might have been'."

—Whittier, Maud Muller

In lieu of these we ask you to act. Turn the "might have" into a "has" and send your achievements to THE TECH Literary Supplement, Offices of THE TECH, Room 020, Walker Memorial. Deadline is March 25.



The T.C.A. Blood Drive Progresses

The Tech Photo—R. W. Bloomstein

I.F.C. Installs Luhrmann As Chairman

The MIT Interfraternity Conference held its meeting at the Hotel Beaconsfield Thursday, March 17. George Luhrmann '56, incoming chairman, took charge of the meeting after it was opened by past chairman, Glenn D. Jackson '56. Jackson was presented with a gavel and lauded for his performance the past year by the Conference.

Nominations and elections were held for the chairman of the rushing committee. John Herminghaus '57 and Paul Luckett '56, and William Brady '57 were those nominated but Brady declined his nomination. Herminghaus won in a 26 to 24 vote.

Since Fred Culick '56 was elected chairman of Judcomm, he resigned his position on the I.F.C. Investigating Committee. Nominations were opened with elections scheduled for the next meeting; meanwhile the chairman will make a temporary appointment for the position. Those nominated were Joseph Carty '57, Len Diessinger, Ed Roberts '57, Wil-

liam Salmon '57, and Frank Sarno '56. The nominations will stay open until the elections are held at the next meeting.

After a short discussion the Conference approved the TEP Club report for the fall term of 1954. After passing through its initial status, the TEP Club is now a non-voting member of the I.F.C. The Club will remain in this status for two years.

WMIT stated that they would like to extend their coverage to the fraternities as had been done previously. This service would be provided via wire across the Charles with one line serving up to four houses. The cost as tentatively proposed would be six dollars per month per transmission line. On a straw vote the majority of the houses expressed interest in this service.

For fuller coverage of the fraternities at MIT Larry Boedeker '58 is writing *Fraternity Findings*, a column to be published in the Tuesday issue of *The Tech*.

511 Pints In Blood Drive

Only 511 contributors donated blood in the spring blood drive sponsored by the Technology Christian Association in cooperation with the Cambridge Red Cross. In comparison with the results of previous drives, the Institute made a disappointing showing. A record was set in the fall drive of 1952 when 871 pints were collected. The blood drive held the following spring attracted 815 donors. In the spring of 1954, 769 pints of blood were donated, and the drive last fall resulted in 682 pints. These figures indicate a steady decline in participation in the blood drives, but the Red Cross was satisfied with the results this spring.

The donations were taken for three days in Morss Hall of Walker Memorial. Blood from the reserves of the Institute blood drives is available through the Red Cross to members of the immediate families of MIT students and staff members.

Senior Week Options

Senior Week Committee has announced that split tickets and options for the entire week are on sale in Building 10 until Friday, March 25. Options are \$5.00 and must be redeemed by April 29.

Pops tickets will not be sold singly, but must be bought in conjunction with at least one other event.

As of Sunday, March 20, there were 35 tables available for the Pops concert and 30 tables for the Formal. Tables at the Pops seat 5 people while tables at the Formal seat 5 couples.

Individual event prices are:

June 3—Stag Banquet and Beer	
Mug	\$5.00
June 4—Informal at Walker	
Memorial	\$4.00
June 5—Pops Concert	\$5.00
June 6—Moonlight Cruise	\$5.00
June 7—Formal	\$6.00

Full week tickets are \$15.00. Ticket sales are open to members of all classes.

LSC Gives Lecture, Film Wed.

This Wednesday the Lecture Series Committee will present "Oil: Its Impact on Arab Life", a lecture by Mr. Woodfin L. Butte of the Standard Oil Company of New Jersey. He has been connected with this company for the last fifteen years dealing mainly with questions of foreign law. When Esso expanded its investments in the Middle East after World War II, he was chairman of a committee whose function was to co-ordinate company interests in that area.

The general topic of Mr. Butte's

talk will be the opportunity for development offered by the income paid as royalties to Middle East States. Because of this, the Arabs, for the first time in history, have the means at hand to improve upon their unfortunate geographical location.

The lecture will include a sound color motion picture film dealing with water conservation in the region. The lecture will be in Room 10-250, this Wednesday, March 23, at 5:00 p.m. There will be no admission charge.

Discrimination Conference Draws 200 Public Admitted To All Plenary Sessions

Editor's Note: This is the second of a series of three articles to appear concerning the history, procedure, and significance of the Conference on Discrimination to be held at MIT on March 25, 26, and 27.

by Arthur Schultz '57

Students, co-eds, deans and speakers will invade the campus some 200 strong on Friday, March 25, to attend the MIT National Intercollegiate Conference on Selectivity and Discrimination in American Universities.

A large part of the conference will take place in the new Kresge Auditorium. The general public is invited to attend all of these sessions; registration in the conference is not necessary.

Among the events to which the public will be admitted at no cost will be: the opening remarks by Eldon Reiley and the keynote speeches on Friday at 4:00 p.m.; two plenaries on Saturday at 9:00 a.m. and 1:30 p.m.; a plenary Sunday morning at 10:00, and the summary speech Sunday afternoon at 2:30.

Representing approximately seventy schools, the delegates will spend most of Friday registering and sightseeing. At 4:00 that afternoon, the conference will be officially opened

in Kresge auditorium, which is to be the base of activities for the three day conference.

Opening remarks will be made by Eldon Reiley '55, the conference chairman. Then the keynote speeches will be heard. The first keynoter will be Dr. James R. Killian, Jr., President of MIT. Following him will be Dr. Frederick May Elliot, President of the American Unitarian Association.

From 5:00 to 6:00 that afternoon there will be a reception for all delegates in Baker House, where the delegates will be staying. From 6:00 on, the deans will attend a dinner at the Faculty Club and a reception for deans at the Bowditch residence, while the student delegates will be taken to dinner and the theater in downtown Boston.

Saturday is a long and strenuous day for the delegates. At 9:00 in the morning there will be a plenary session in Kresge Auditorium. The topic will be "The American Scene". Presenting the sociologist's view will be Dr. Everett E. Hughes, Professor and Chairman of the Department of Sociology, University of Chicago. The historian's view will be given by Dr. John Hope Franklin, Professor of History, Howard University.

After hearing the talks, the delegates will spend two hours in the lounges around the campus, discussing "Discrimination and American Ideals". At 1:30 in the afternoon, back to the auditorium for a two-hour plenary on "Attitudes and Viewpoint", to be held in a panel format. Moderator for the panel will be Dr. Arthur Mann, Assistant Professor, Department of Humanities, MIT. Participating in the panel will be: Ralph Emerson McGill, Editor of *The Constitution*, Atlanta, Georgia; Dean Clarence Berger, Dean of Administration of Brandeis University; Jonathan Worth Daniels, Editor of the *Raleigh, (N. C.) News and Observer*; Louis Martin Lyons, Curator of the Nieman Fellowship, Harvard University. After the panel, the delegates will go off again to the academic lounges for an hour and a half of discussion on the same topic.

From 6:30 till 11:00, the students and deans will have dinner and participate in informal discussions.

At 9:15 on Sunday morning, the delegates will attend a non-sectarian service in Kresge auditorium. The service will be conducted by Rev. A. Graham Baldwin of Philips Andover Academy. Then an hour plenary on

(Continued on page 5)

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VOL. LXXV Tuesday, March 22, 1955 No. 13

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OFFICES OF THE TECH

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Calendar of Events from March 23 through April 5, 1955

WEDNESDAY, MARCH 23
 Biology Department. Colloquium: "Electrical Activity in the Auditory Nervous System." Prof. Walter A. Rosenblith. Room 16-310, 4:00 p.m. Tea will be served in Room 16-711, 3:30 p.m.
 Civil and Sanitary Engineering Department. Hydromechanics Seminar: "A Study of Sediment Sorting by Waves Shoaling on a Plane Beach." Peter S. Eagleson. Room 48-208, 4:00 p.m. Refreshments in Room 48-208 at 3:45 p.m.
 Electrical Engineering Department—Co-operative Course VI-A. Annual Spring Sophomore Orientation Lecture by Director of Co-operative Program. Room 10-250, 4:00 p.m. Freshmen welcome as part of freshman orientation program.
 Mathematics Department. Colloquium: "Hilbert Space Representations of Group Extensions." Prof. G. Mackey, Harvard University. Room 2-245, 4:30 p.m. Tea in Room 2-290 at 4:00 p.m.
 Catholic Club. Marriage Lecture—IV: "Why We Like Being Married." Mr. and Mrs. Eugene Moore, Cana Conference Movement. Room 2-190, 5:00 p.m.
 Hillel Foundation. General Business Meeting; discussion of term program. Crafts Lounge, East Campus, 5:00 p.m.
 Lecture Series Committee. Lecture: "Oil: Its Impact on Arab Life." Mr. Woodfin L. Butte, Standard Oil Company of New Jersey. A color film will be shown. Room 10-250, 5:00 p.m. Admission free.
 Inter-Varsity Christian Fellowship. Lecture: "Absolute and Relative Truth." Dr. Lloyd Dean. Room 10-280, 7:00 p.m.
 Order of DeMolay—M.I.T. Chapter. Stated Meeting. Faculty Lounge, Walker Memorial, 7:30 p.m.
 Chemistry Department. Harvard-M.I.T. Physical Chemistry Colloquium: "Irreversibility." Prof. Ilya Prigogine, Free University of Brussels. Malinckrodt MB-23, Harvard University, 8:00 p.m.

THURSDAY, MARCH 24
 A.I.E.E.—I.R.E.—Joint Student Branch. Lecture: "A Compact Speaker System for Reproduction of Low Frequencies." Mr. Henry E. Kloss, Chief Engineer of Acoustic Research, Inc. Room 10-275, 5:00 p.m.
 Lecture Series Committee. Film: "Kind Hearts and Coronets" with Alec Guinness. Room 10-250, 5:05, 7:30, and 9:45 p.m. Admission: 30 cents.

Architecture Department. Lecture: "Seeing Color." Josef Albers (Chairman, Yale University, Dept. of Design) whose work is now on exhibition in the Hayden Gallery. Room 7-437, 8:00 p.m.

SATURDAY, MARCH 26
 M.I.T. Bridge Club. Tournament. Baker House Cafeteria, 1:30 p.m.

MONDAY, MARCH 28—SUNDAY, APRIL 3
 Spring vacation.

THURSDAY, MARCH 31
 Biology Department. Harvard-M.I.T. Biochemistry Colloquium: "Phosphoribomutase and Phosphoglucumutase Activity in Smooth Muscle." Dr. Armand J. Guarino. Room 16-310, 5:00 p.m. Tea in Room 16-711 at 4:30 p.m.

TUESDAY, APRIL 5
 Food Technology Department. Food Industry Seminar: "The Enzymatic Hydrolysis of Triglycerides." Dr. F. H. Mattson, Procter and Gamble Company. Room 16-310, 2:00-4:00 p.m.
 Metallurgy and Chemistry Departments. Electrochemistry Colloquium: "Effect of Electrical Double Layer on Oxidation of Metals." Prof. H. H. Uhlig. Room 10-275, 4:00 p.m.
 Physics and Mathematics Departments. Operations Research Seminar: "The Condition for Lot-size Production." Prof. Myron J. Gordon. Room 52-154, 5:30 p.m.

NATIONAL DISCRIMINATION CONFERENCE
 Sponsored by M.I.T.'s Undergraduate Association, an intercollegiate conference on "Selectivity and Discrimination in American Universities" will be held in the Kresge Auditorium on March 25, 26, and 27.

EXHIBITS
 An exhibition of paintings by Josef Albers, painter, teacher, and head of the Painting Department at Yale University, will be held in the New Gallery of the Charles Hayden Memorial Library through March 27. Hours: Monday through Friday, 9:00 a.m.-5:00 p.m.; Saturday and Sunday, 2:00-5:00 p.m.
 Sponsored by the Department of Economics and Social Science, a collection of old coins will be displayed on the third floor of the Sloan Building until March 31.
 New scientific and technical books from French publishers are on display in the M.I.T. Libraries through March 31. Science Library (near Mathematics Reference Section)—350 books in pure science; Engineering Library—100 books in applied science and technology.
 An exhibition of drawings and paintings by M.I.T. Faculty wives will be presented in the Faculty Club through April 15.
 "Flies and fly-tying" is the subject of an exhibit to be held in the M.I.T. Faculty Club through April 15.
 A photography show on Venezuela will be held in the Lobby of Building 7 from April 1-14.
 Photographic Salon prints by PHOTOGRAPHY Magazine will be on display in the Photo Service Gallery, Basement of Building 11, from April 2-16.

CALENDAR OF EVENTS
 Since THE TECH will not be published during Spring Vacation, the next Calendar will appear on Tuesday, April 5, with announcements for the following eight days (Wednesday through Wednesday). Notices, typewritten and signed, must be in the office of the editor, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of April 6-13 is due March 31.

through the mail

To the Editor of The Tech

Dear Sir:

In the last issue of *The Tech* an editorial included a discussion of discrimination in fraternities. *The Tech* has taken its usual fine idealistic stand in this area.

I would like to point out several other factors that might help *The Tech* and the student body form their opinions in the future on a slightly more practical level.

The justification for selectivity is too difficult a problem to answer here. However, selectivity in fraternities is easier to justify on a philosophical level than the contrary. MIT students are not as concerned with the philosophical problem as its practical implications. Do restrictive clauses harm the reputation of MIT and its fraternities? What are the effects on the minds of these restricted and their friends? In answering these questions I find restrictive clauses to be harmful.

Of the fraternities that have restrictive clauses, most are in favor of removing them. Every year several succeed in removing them. The question here is whether this natural process is the right one and if it is moving fast enough. My answer is that it is the right one but that it is not going fast enough.

Now we come to: "What can be done?" For a person to advocate that fraternities with restrictive clauses be forced to remove them or "go local", merely points out the ignorance of that person concerning the internal problems and inherent good quality. (Continued on page 6)

reviews

"Jupiter's Darling"

by Dick Teper '56

About 1253 B.C. the barbarian, Hannibal of Carthage, crossed the Alps with a herd of elephants bent on the destruction of Rome. Historians have long been confused as to the facts concerning this event. The motion picture *Jupiter's Darling*, now playing at Loew's State and Orpheum Theaters, does nothing to clear up this confusion.

The film is just a degree short of being an amusing satire on ancient Rome, but the plot is not enough concerned with the war to follow up such a theme. Esther Williams plays the part of an energetic young maiden, betrothed to the dictator of Rome, a very unsatisfactory situation from her point of view. Upon hearing that Hannibal (Howard Keel) is just outside Rome, she and her personal slave (Marge Champion) go to the barbarians' camp to see what elephants

(and, perhaps, Hannibal) look like. They are captured and brought to Rome. Hannibal who is about to be executed as spies, when his charms begin to take effect, fall in love, and Rome is rather amusing scene with a procession of painted elephants (they had been painted before).

Meanwhile, it seems that the Lieutenant of Elephants, played by Gower Champion, our little slave gets a rise in social standing, giving the audience a pair of better than routine dance numbers. Both of these, however, are overshadowed by an underwater ballet which is truly superb. One of only two aquatic scenes in the film (Esther Williams' minimum), it is beautifully done by all participating.

The picture is both amusing and (Continued on page 3)



On Campus with Max Shulman

(Author of "Barefoot Boy With Cheek," etc.)

I'VE GOT NEWS FOR YOU

It is my earnest hope that an occasional column of mine has pleased you enough to make you want to clip it out and keep it. But I'm sure that being preoccupied with more important things — like getting down to breakfast before your room-mate eats all the marmalade — the impulse has passed and been forgotten.

So I am pleased now to report that the makers of Philip Morris Cigarettes, bless their corporate hearts, have published a booklet called **MAX SHULMAN REVISITED**, which contains six of my favorite columns, along with some brand new material, all of this profusely illustrated—all of this available to you gratis when you buy a couple of packs of Philip Morris at your favorite tobacco counter on or near your campus.

But this is not the only news I've got for you today. Following you will find a roundup of news highlights from campuses the country over.

Southern Reserve University

Dr. Willard Hale Sigafos, head of the department of anthropology at Southern Reserve University and internationally known as an authority on primitive peoples, returned yesterday from a four year scientific expedition to the headwaters of the Amazon River. Among the many interesting mementos of his journey is his own head, shrunk to the size of a kumquat. He refused to reveal how his head shrinking was accomplished. "That's for me to know and you to find out," he said with a tiny, but saucy grin.

Northern Reserve University

Dr. Mandrill Gibbon, head of the department of zoology at Northern Reserve University and known to young and old for his work on primates, announced yesterday that he had received a grant of \$80,000,000 for a twelve year study to determine precisely how much fun there is in a barrel of monkeys.

Whatever the results of Dr. Gibbon's researches, this much is already known: what's more fun than a barrel of monkeys is a pack of Philip Morris. There's zest and cheer in every puff, delight in every draw, content and well-being in every fleecy, flavorful cloudlet. And, what's more, this merriest of cigarettes, king-size and regular, comes in the exclusive Philip Morris Snap-Open pack. A gentle tug on the tab and the package pops obligingly open. A gentle push on the open pack and it silently folds itself back, sealing in the savory vintage tobacco until you are ready to smoke again.

Eastern Reserve University

The annual meeting of the American Philological Institute, held last week at Eastern Reserve University, was enlivened by the reading of two divergent monographs concerning the origins of early Gothic "runes," as letters of primitive alphabets are called.

Dr. Tristram Lathrop Spleen, famed far and wide as the discoverer of the High German Consonant Shift, read a paper in which he traced the origins of the Old Wendish rune "pt" (pronounced "krahtz") to the middle Lettic rune "gr" (pronounced "albert"). On the other hand, Dr. Richard Curn Twonkey, who, as the whole world knows, translated *The Game* into Middle High Bactrian, contended in his paper that the Old Wendish rune "pt" derives from the Low Erse rune "ml" (pronounced "gr").

Well, sir, the discussion grew so heated that Dr. Twonkey finally asked Dr. Spleen if he would like to step into the gymnasium and put on the gloves. Dr. Spleen accepted the challenge promptly, but the contest was never held because there were no gloves in the gymnasium that would fit Dr. Twonkey.

(The reader is doubtless finding this hard to believe as Eastern Reserve University is celebrated the length and breadth of the land for the size of its glove collection. However, the reader is asked to remember that Dr. Twonkey has extraordinarily small hands and arms. In fact, he spent the last war in a small arms plant, where he received two Navy "E" awards and was widely hailed as a "manly little chap.")

The makers of PHILIP MORRIS, sponsors of this column, urge you to get to your tobacco store soon for your copy of MAX SHULMAN REVISITED. The supply is limited.

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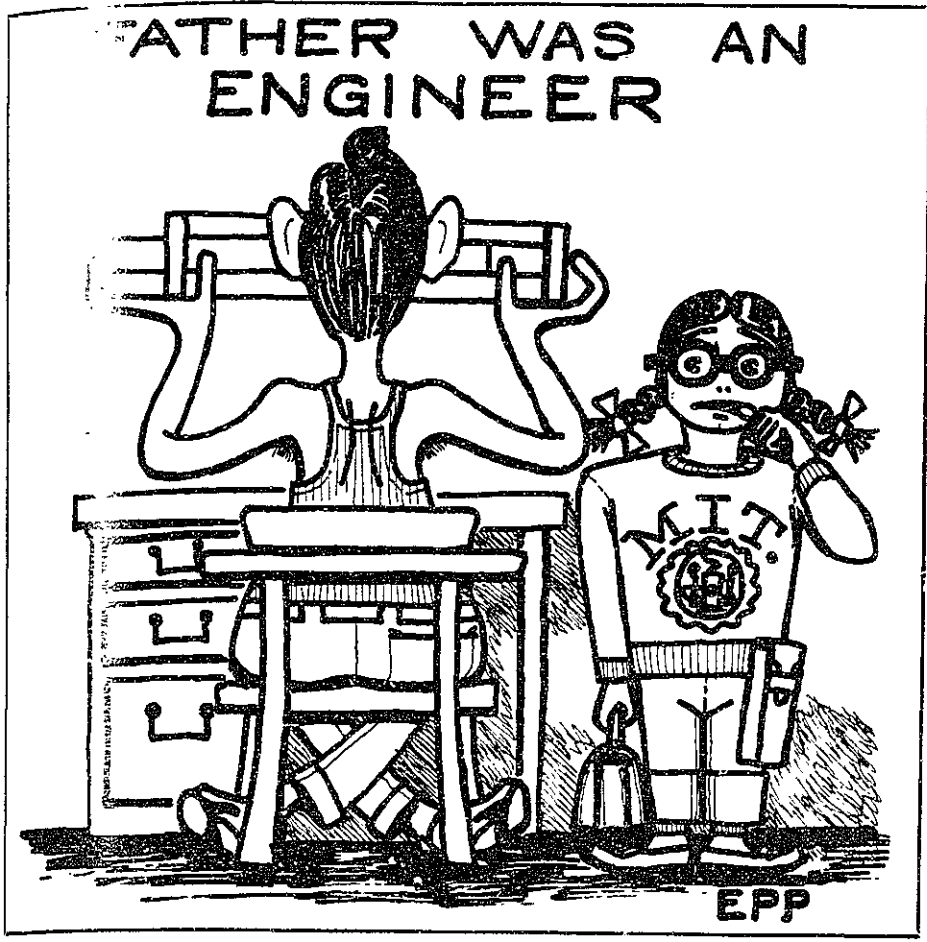
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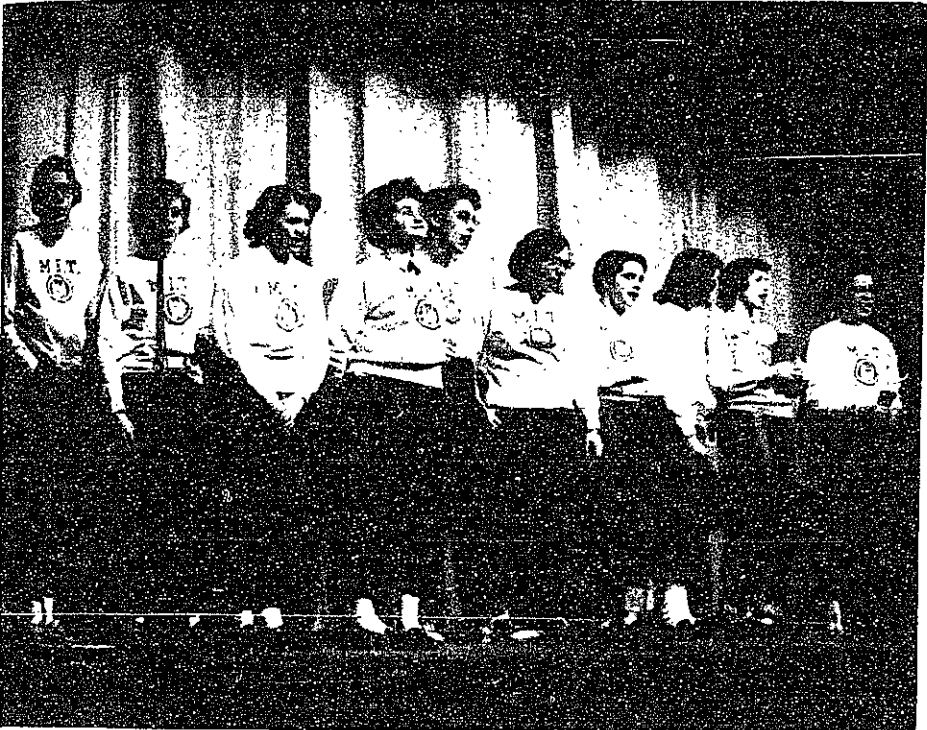
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Sig Ep Group Wins All Tech Sing



The Tech Photo—Franklin Preiser

The first prize winners, Sigma Phi Epsilon, sing one of their three selections of the evening, "The Drinking Song."



Tech Coeds performing at the All Tech Sing

Sigma Phi Epsilon won the All-Tech Sing Trophy for the second straight year in the competition held Saturday night in the Kresge Auditorium. Winners of Egbert, an award which varies annually and is given to the group with the most original and imaginative presentation, were the Burton House "Varsity Variations". Egbert this year was a pair of elk's antlers, twelve point.

Winning Rendition

The Sig Eps, directed by Dave Vahlsing '58, retained the trophy with an excellent rendition of the "Drinking Song" from the *Student Prince*, "The Happy Wanderer", and "The Halls of Ivy". Phi Gamma Delta, directed by Bob McLaughlin '55, and Harry Flagg '57, was awarded a second place certificate for their presentation of "Jada", "Behind the Swinging Doors", and "A Selection from the Hit Parade". In third place was Beta Theta Pi with a quartet led by Jim Rowan '57. The Betas

did "Humble", and "Climbing up the Mountain".

Burton Presentation

The Burton "Variations ran off with Egbert, presenting three college songs, vintage 1900. Decked out in colorful parodies of the dress of fifteen typical colleges they sang "The Bulldog", "Evening on the Campus", and "Tech Men". The first two were accompanied by slides—a cartoon and shots of different college campuses. An unpublicized part of the program was a jazz concert by the Andy Crisanti quartet before the presentation of awards.

Baton Sponsors

Every year the Baton Society presents the All-Tech Sing to stir up interest in musical activities on campus. This year the committee on the sing was headed by Larry Berman '55. Master of ceremonies was Professor Sam Mason and the judges were Ernst Levy, John Hsia, John Corley, and Arthur Pike.



One of the "varsity characterizations" by Burton House

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ON YOUR CAMPUS**

WEDNESDAY, MARCH 23

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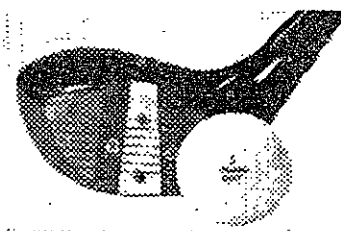
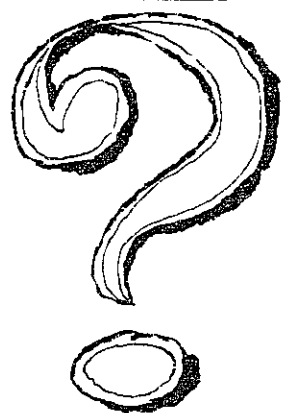
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SPALDING SETS THE PACE IN SPORTS

THE KIBITZER

by Lee S. Richardson '50

The South player in this hand from the MIT Bridge Club, pushing his hand to the limit (and slightly beyond), ended up in this unlikely slam. Taking advantage of the two-two spade split, he proceeded to wrap up the slam with a neat end-play.

The opening heart lead was taken with the ace. Breathing a silent prayer, declarer led the ace and king of trumps. When they broke, declarer was home, regardless of the distribution of the remaining cards. Declarer led to the ace of clubs, cashed the king, discarding a diamond, ruffed a club in his hand, a heart on the board, and a club in his hand. Declarer now led a diamond. When West played low, the nine was played from the board. East took the ten and was stuck with the lead. He either led a diamond away from his king or led a heart for a ruff and a slough. Either way, declarer had the balance of the tricks. In the words of East, "Virtue is its own reward."

At another table, the opening lead was a small diamond. The hand can still be made, but it is really quite a play. The diamond lead is taken with the ace, and the play goes along the same lines as before. When the small diamond is led, West plays his jack of diamonds. The board ducks, and West is in. He must return a heart for the ruff and slough. The opening lead of the jack of diamonds sets the hand, but it is not easy to find.

The winners Saturday at the MIT Bridge Club were P. Abrahams '56 and J. Klein '58, playing North-South, and T. Farley G and J. Hyde G, playing East-West.

Reviews

(Continued on page 2)

artistic, with very little other than top-notch performances. It is well written and directed; the photography is good in general, and excellent under water; the aquatics of Esther Williams, the dancing of the Champions, and the too seldom heard voice of Howard Keel are all good examples of better entertainment.

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S—J 9	H—J 10 8 7 5	S—A K 5 4 3	H—A 2
D—J 8	C—10 9 7 6	D—6 5 4 3 2	C—4

The bidding:	S	W	N	E
Neither side	1S	P	3C	P
vulnerable	3D	P	3S	P
	4H	P	6S	P
	P	P		

Opening lead: Jack of hearts.

Resources

(Continued from page 1)

plete with mistakes. With tremendous advances in technology and in forms of social organization, society has become increasingly complex. What principles and methods can we now use," asks Dr. Isard, "to plan intelligently and comprehensively to make the resources we have serve us most effectively?"

"It is widely recognized among social scientists," continues Dr. Isard, "that our present methods of analysis are inadequate to cope with problems of this order . . . and our problems are steadily mounting in complexity."

As an example, a comprehensive policy for future development of water resources in a region, Dr. Isard says, might require as a basis:

1. Estimates of future production, income, population, expenditures, and capital movements for the region involved.
2. Estimates of the future distribution of urban and rural population of the region, and of the geographic spread of industry within the region.
3. Estimates of the local demand for

Pesach Seders

Passover "Seders" on Wednesday and Thursday, April 6 and 7, at 6:15 p.m. in the Emma Rogers Room (10-340). The "Seders" will include the reading of the traditional "Hagada", followed by dinner. The cost is \$2.50 for each night.

As seating accommodations are extremely limited, all those interested in attending are urged to contact Jacob Gubbay '56 in Runkle 605A in East Campus by Thursday, March 24.

TECH LITERARY SUPPLEMENT

"I'll make thee glorious by my pen
And famous by my sword."
Marquis of Montrose,
My Dear and Only Love

We are interested in the glorifications of your pen. Send these to: THE TECH Literary Supplement, Offices of THE TECH, Room 020, Walker Memorial. Deadline is March 25.

the product of each water-consuming industry.

4. Estimates of the needs by industries and population outside the region for the products of the region's industries.

5. Estimates of future water supplies, from all sources, for the region as a whole, and also for each local area which might be a potential water shortage area.

The study will involve the use of such new analytical tools as linear programming, industrial complex analysis, operations research, inter-regional input-output analysis, game theory, and gravity models. These are new analytical developments in economics and mathematics which are unfamiliar to most planning people. Their use is made possible by the development of such high-speed computers as MIT's Whirlwind I.

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Fraternity Findings

by Larry Boedeker '58

The newest living group here at MIT is the TEP Club, located at 488 Beacon Street. After completing a two year non-voting period of membership in the IFC which they began last term, the TEPs will have to go through a one year probationary period in which they will be allowed a vote. At the end of this time they will be able to become full members of the IFC and will be allowed to affiliate with a national fraternity.

The TEP Club had its beginning in June, 1953, when David Lobel, now president, and Stanley Burg, now bur-sar, decided to form a fraternity. By the time the fall term started their group had grown to nine men and had hopes of entering the MIT campus as the reactivated Xi Chapter of Tau Epsilon Phi. The IFC however, felt that they should enter as a new group and gave them until May 1st of 1954 to fulfill the primary qualifications needed to be considered for membership. Primarily this meant that they had to find more members and obtain a house.

By May 1st their membership had increased to 19, but all efforts to locate a suitable house had failed. Several real estate agents had been contacted in that time and the members themselves had been out ringing doorbells. Because of their efforts the IFC extended the date to the following October.

After more searching the TEP Club learned of the possibility of obtaining

the house at 488 Beacon St. Negotiations for renting it took until the middle of August so they had very little time in which to put the house, which was badly run down, into livable condition. In the ten days starting that September 5th the members finished painting every room in the house, sanded all the floors, purchased desks, beds, and living room furniture with a loan they obtained, and carried out a rushing program that resulted in a pledge class of ten.

Since last fall the TEPs have taken a very active part in campus life. Their members take part in a variety of activities. Stanley Burg was chairman of the recent Military Ball and is now Captain of the Pershing Rifles. On the social side the TEPs have held many small parties; an open house and an open bid party, the Rebel Revel. They have also participated in all intramural sports.

Many improvements have also been made in the house since last fall. The most notable of these was the installation of a ceiling and fluorescent fixtures in the basement by the pledges as their "Hell Week" project.

Since last September the TEPs have gained a great deal of experience in organizing and maintaining a fraternal living group and in learning to live with one another as brothers. With this experience as a guide they are now striving to further stabilize and improve their organization which has already proved to be a valuable asset to the MIT campus.

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MATHEMATICIANS

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VAN HEUSEN

1954-55 Winter Sports Season Closes

The 1954-55 winter sports season has finally been drawn to a close. All in all it was an above average one for Engineers teams. The season was a finale for many standout performers of the past few years and a debut for several who should prove outstanding in coming years.

Carl Hess, Jack Britt and Giff Weber of the basketball team, hockey players Nick Dibona and Harry Wells, squashes Walt Buck and Walt Frick, squash star Ray Morales, wrestlers Jack Graef and Dick Dangel, and fencers Ed Somody and Frank Davenport have played the last of their sports for Tech. They will be missed.

The '54-'55 season produces a flock of new figures who will hold the sports spotlight throughout next season. Cagers Dee Vergun and Larry Hallee, hockeymen Sandy Aitken and Fletch Hosmer, racquet ace Howie Cohen, wrestlers Jim Simmons and Mike Brenner are but a few.

Basketball Season Ends 9-10
Dee Vergun's 19 points sparked the varsity cagers to a win over Suffolk. Trinity took a tight one at their home court despite high scoring performances by Hallee, Weber and Vergun. The road trip to New York ended in split games. The varsity dropped a big one to Stevens, 66-60 after routing Pratt. UNH and Bates sent the Beavers down to their second and third straight losses. The Bates game was a disappointment, the UNH game a thriller. Vergun's 30 points sparked a late rally to top Clark, 73-66. The Northeastern game was

the high point of the season as a team effort brought a big win. Vergun was the sparkplug with 35, high for the season. Northeastern took the second game of the home-and-home series. The road trip through up-state New York and Ohio ended with one win and two losses. Highly touted



Winter Action

ed Rochester topped a red-hot Beaver club. Case took the second by routing Tech, 94-68, despite Vergun's 27 points. Hallee's 23 markers led the cagers over Oberlin. Weber with 20 and 18 points led Tech to successive

wins over Lowell Tech and WPI. Hallee notched 23 and Weber 21 as Bowdoin became the varsity's fourth straight victim. Tech took the measure of Wesleyan to make it five in a row, but B.U. ended the streak as their tight zone defense held Tech to fifty points. Powerful Amherst, fresh from their win over New England Champ Williams, routed the Engineers. Vergun counted 24 in a lost cause. The season finale was perhaps the closest game of the season. A last minute rally negated some fine work by Hallee, Weber, Hess and Vergun. The final was 73-60 and it ended Tech hopes for a winning season.

Lack of bench strength and poor shooting was responsible for most of the Engineer cage losses.

Cohen Leads Squashmen

The squash team started out with a loss to Dartmouth. Walt Stahl and Al Hahn were victors. Wins over Wesleyan and Fordham followed. The fine Princeton squad led by intercollegiate champion Campbell took an easy win over the Summersmen. Successive losses to Williams and Amherst brought the record to two-four. Only Cohen was able to win in the loss to perennially powerful Harvard. Trinity was the third Beaver victim. Morales won a key victory playing in the number one slot. Once again Cohen was the only victor as the squashmen bowed to a top-flite Yale team. Cohen, Stahl and transfer student Juan Hermosilla should make next year's team a national power.

Although the 5-9 season's record belies the fact, Coach Ben Martin's '54-'55 hockey team had a satisfactory season. Depending upon early morning practice sessions in the beginning of the season, the pucksters lost their first seven games before rallying to

WINTER SPORTS RECORDS		
	Won..	Lost
Basketball	9	10
Fencing	5	1
Hockey	5	9
Rifle	5	2
Squash	3	6
Swimming	2	9
Wrestling	4	3
Total.....	33	40

defeat the University of Massachusetts, 7-3. Gaining spirit from this victory, the skaters went on to win four of their next six games, defeating the University of New Hampshire twice, 3-2, and 6-5, Bowdoin, 7-3, and reaching their peak against Holy Cross with a 12-4 romp. One of the main factors in the hockey team's surge near the end of the season was the Institute's new hockey rink which came into use in late January.

Fencers Strong

The Cardinal and Grey fencers had a moderately successful season. They finished with a record of five wins against one loss. This lone defeat came at the hands of the East's number one team. A large part of the season's success was due to Seniors and Co-Captains Frank Davenport and Ed Somody. Others who fenced their final collegiate matches are

Akira Togasaki and Elliott Framan. The prospects for next season are definitely good.

Swim Season Poor

The varsity swimming team's record this season was far from impressive as Coach Gordon Smith's natators managed to win only two of eleven meets. After bowing to Amherst and Wesleyan, the tankmen momentarily brightened prospects by overcoming a weak Tufts squad. However, the Smithmen failed to fulfill hopes as they lost their next seven meets in a row before breaking from their doldrums to realize their full potential in swamping W.P.I., 65 to 29. As if to make up for the varsity's shortcomings, Coach Roy Merritt's Frosh mermen came through with an excellent 7 and 3 won-lost record. Outstanding performers for the Frosh were Captain Veeck in the 100-yard Freestyle, Wilson in the 200-yard Freestyle, Johnson in the 100 Backstroke, Smith in the 50-yard Freestyle, and Burval in the Individual Medley.

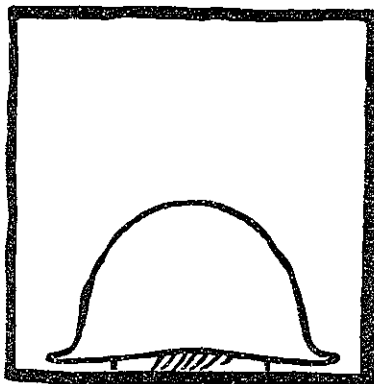
Discrimination

(Continued from Page 1)

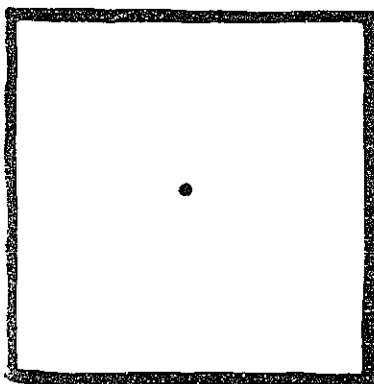
"Selectivity in Universities". Dr. Carl R. Woodward, President of Rhode Island University, will speak on "Self-determination in Fraternities". He will be followed by Dean Eugene Smith Wilson, Dean of Freshmen, Amherst College, who will discuss "The Amherst Policy".

Two more hours of discussion on "Actions and Follow-up" will take the delegates up to 1:15, when they will attend a buffet dinner in Baker House. At 2:30 the delegates will return to Kresge auditorium for the last time, where the closing speech of the conference will be given by Dean John Eli Burchard, Dean of Humanities, MIT. Dean Burchard's summary will mark the end of the conference.

STOP HERE FOR LUCKY DROODLES!



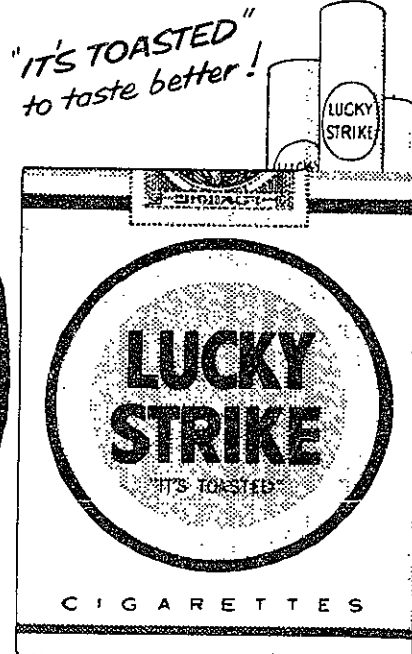
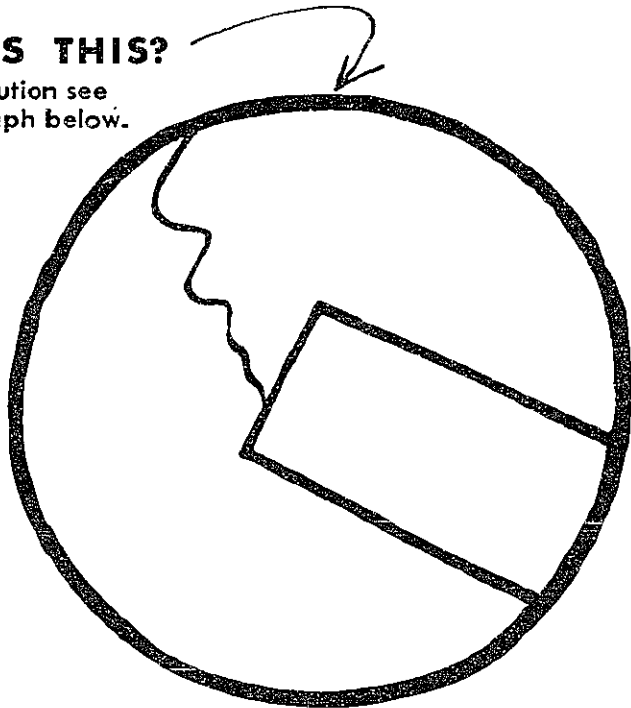
NAPOLEON LOOKING AT SELF IN HIGH MIRROR
Willem Maurits Lange, III
Syracuse University



END VIEW OF THOUSAND MILES OF VERY STRAIGHT WIRE
Oswaldo Bacchetta
Southern Illinois University

WHAT'S THIS?

For solution see paragraph below.



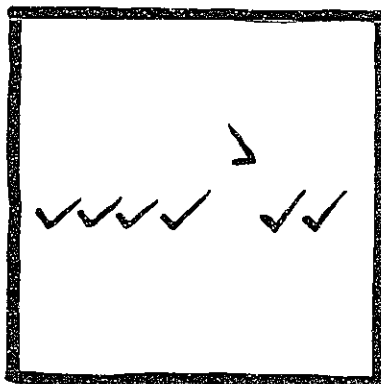
YOU'LL GET A BANG out of the Doodle above. The title is: Daredevil enjoying better-tasting Lucky just before being shot from cannon. Luckies are going *great guns* everywhere. The reason for their *booming* popularity is simply this: Luckies give you better taste. They taste better, first of all, because Lucky Strike means fine tobacco. Then, that tobacco is *toasted* to taste better. "It's Toasted"—the famous Lucky Strike process—tones up Luckies' light, mild, good-tasting tobacco to make it taste even better . . . cleaner, fresher, smoother. Enjoy yourself when you smoke. Have a little fun. Light up the better-tasting cigarette . . . Lucky Strike.

DROODLES, Copyright 1953 by Roger Price

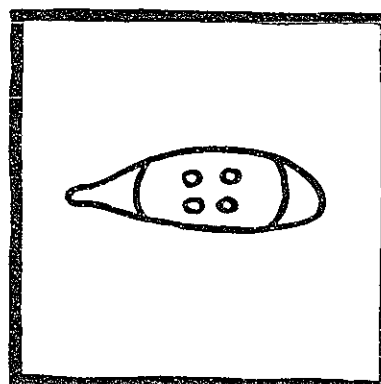


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CLEANER, FRESHER, SMOOTHER!

Through the Mail

(Continued from page 2)

ties of a national fraternity organization. For a fraternity to take a lazy attitude in trying to remove its clause shows a lack of knowledge of the harm done by that restriction.

My stand is that the student body, including The Tech, needs to be better informed on both of these problems. This should be a part of the future program of the Restrictive Clause Committee. The Discrimination Conference should be a big help in this area. I hope the important facts brought out in the conference are made known to the student body.

John Wing '55
Chairman,
Restrictive Clause Committee

To the Editor of The Tech

Dear Sir:
"With malice toward none, with charity for all."

I should like to make certain statements with respect to letters written to The Tech which appeared in the March 18 issue. My review of Tech show was written as the opinion of one person, namely myself. That others agree or disagree with my opinion is completely irrelevant.

Certainly I will agree that Jay Ball has an excellent voice, and did a commendable job in his solo number. However, I also feel that the number was completely out of place, though it was more appropriate than the Senior Week Commercial which "scared the wits out of" those present. If atmosphere was desired the lights could have been turned out, and soft music played. The atmosphere thus created might have been even more effective, and certainly not too much more out of place.

I never said that Sarah was not played well; she was played excellently. What I criticized was the character, not the characterization.

J. Philip Bromberg '56

March 20, 1955

Execcomm

(Continued from page 1)

ing held Sunday night were not made public at this time and no further information on the possible agenda for the forthcoming leadership conference has been received.

Institute Committee will okay the nominations at its next meeting, Wednesday afternoon, March 21, in Litchfield Lounge.

The remainder of the meeting will be devoted to a discussion of an agenda for the Leadership Conference.

notices

ASTRONOMICAL SOCIETY

There will be an open meeting of the MIT Astronomical Society on Wednesday at 5:15 p.m. in Room 5-204. The meeting will include slides and a lecture.

YRC

On Wednesday, March 23 at 5:00 p.m. the Young Republicans Club will hold their annual elections meeting in Room 5-108.

SUMMER SESSION CATALOGUES

Summer Session Catalogues will be ready for distribution from the Information Office on Friday, Mar. 25. Copies will be in the Institute mail for members of the Faculty on or before that day.

WMIT

WMIT leaves the air this Friday morning at 1:00 a.m. for the spring vacation. It will resume broadcasting at 5:00 p.m. on Monday, April 4.

TECH LITERARY SUPPLEMENT

"When we have not what we like, we must like what we have."

Bussy-Rabutin,

Letter to Mme de Sevigne

Or, try to obtain something better. We need material of literary merit for THE TECH Literary Supplement. If you are the proud possessor of such material, send it to: Offices of THE TECH, Room 020, Walker Memorial. Deadline is March 25.

Riflemen Third

Martin Basch stood out well despite a disappointing team performance in the National Rifle Association Sectional match held last Saturday. Martin took top honors in the individual competition in the morning when he fired a 289.

In the afternoon the supposedly powerful Beaver squad finished a disappointing third. Basch led the team with a 287 accumulation. Oman with 285, Breeden with 277, Stern with 276, and McMath with 274 were the other four Engineer qualifiers. Their 1399 point total was 2 below that of second place Coast Guard Academy, and four below the winning UNH aggregating.

Rifle Team

The Engineer rifle squad compiled a 5-2 match record during the '54-'55 season. Top man was junior Martin Basch who was constantly among the high scorers in New England.

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Hank pounded pavements...

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GUESS WHO GOT THE JOB!

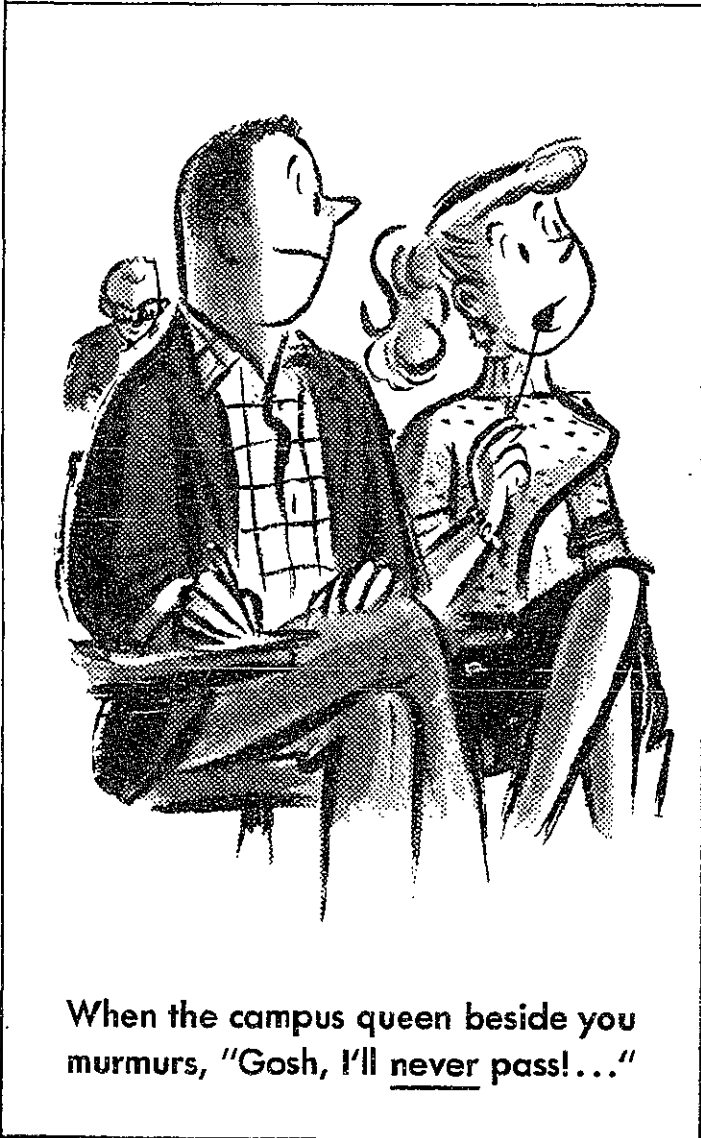


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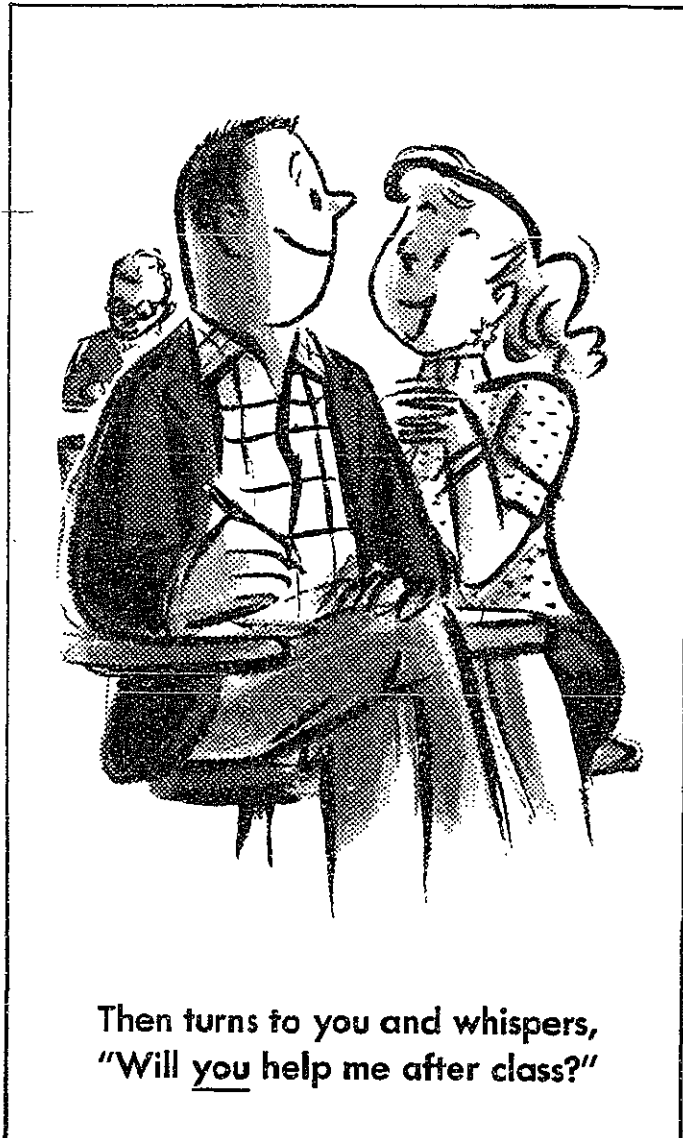
*Hank finally went to work for his father.



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