

## Massapoag Host to Record Frosh Group

### Faculty Members Talk On Traditions At Technology

#### Camp Days Feature Athletics

Despite rain and cold weather, 250 first year men members of the Class of 1939, the second largest group in the history of the school, left at 3:00 o'clock Friday afternoon for the annual trek to the Freshman Camp at Lake Massapoag. Joined by leaders of the undergraduate and the administrative life of the Institute, the new men learned much of the customs and traditions of Technology during their three day stay.

Friday evening found the entire camp assembled at "Friendship Lodge" where they were welcomed by Vice-President Vannevar Bush in the name of the Institute. "Tech is not Hell nor is it hard-boiled or cold," argued Dr. Bush. Professor Henry G. Pearson, introduced by John C. Austin, Jr., spoke on the history of the school and its customs. Here Professor Pearson advised the incoming freshmen to create a precedent by using the courtyard steps between classes more than classes that have gone on before.

At the conclusion of the meeting, "Obie" Dennison, '11, one time alumni secretary, again led the new men in

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Freshman Camp

### Colloquia Speakers Show Developments In Electrical Field

#### Series Of Colloquia Held By Electrical Engineers For Ten Years

The series of colloquia, carried on by the Department of Electrical Engineering for the past ten years with the co-operation of the manufacturing, operating and engineering, companies and firms in that field, has announced a list of speakers, their topics, and the time they will speak during the first term.

M. R. Jenney, '21, Member of the firm, Fish, Hildreth, Cary, and Jenney will conduct on November 4th and 5th the first colloquium in a discussion of "The Patent System and Its Relation to Engineering. The other topics scheduled all deal with recent developments in the different fields of electrical engineering.

"Recent Developments in Mercury-Arc Rectifiers" will be the topic on November 18 and 19 of H. D. Brown, an engineer in the Power Rectifying Department of the General Electric Company, and L. P. Shildneck, also of the General Electric Company will discuss the "Recent Developments in Turbo Generator Design" on December 2 and 3, Frank Massa, '27, who is connected with the

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Electrical Engineering

### Voo-Doo Is Giving Smoker On Tuesday

Voo Doo, Tech's humor magazine, will hold a smoker for the benefit of freshman candidates for the publication in Walker Grill Room on Monday evening, October 7th at 8 o'clock. Everyone is invited to attend the meeting, which is an annual affair, and join in the consumption of the free smokes and eats which will be given out free. Prospective disciples of Phosphorous, the able black cat of Voo-Doo will listen to speakers of the publication.

## Most Ingenious Freshman Minds Sought by T. E. N.

### Eight Prizes Offered To Rube Goldberg Contraption Inventors

#### Freshmen Only Are Eligible

A quest for the most ingenious and fertile mind in the freshman class is announced by the Tech Engineering News, in what it terms a "Brainstorm Contest." A prize of a four year subscription to its publication plus a cash prize of two dollars to the freshman who devises the "best conception of some machine, process, or gadget" is the incentive offered.

The contest is described as the "first time an attempt has been made to uncover the workings of the minds of the entering class, reputed to be the cream of high and prep schools all over the world, just before they are effectively altered (by the Institute's instructing staff)."

The Managing Board expresses the opinion that almost everyone has some "Rube Goldberg idea" before they are told to forget everything they learned in high school and before their minds are to be slowly but certainly guided to think, breathe, and believe engineering. Eight freshmen will receive cash and subscription awards for the expression of these "brainstorms."

Besides the first prize, a second, third and five fourth prizes will be respectively a three, two and five one year subscriptions to the Tech Engineering News. If any of the winners are already subscribers to T.E.N. the prize subscription will commence at the expiration of the paid subscription.

Rules of the contest were announced by John C. Robbins, Jr., '37, Managing Editor of the Engineering magazine, which has twice been awarded the Yale Cup as outstanding publication in the scientific field. They are as follows:

1. Any Freshman in attendance at the Institute for his first year is eligible.
2. The idea must be presented by means of a neat, but not complicated, inked drawing, accompanied by a typewritten explanation of not more than three hundred words.
3. The paper used must be 8½ x 11 inches.
4. Papers must be submitted on, or before, five P.M., on Tuesday, October

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Brainstorm

## Tie Sales Surpass Those of Year Ago

### Freshman Tie Sales Reached 473 In Rules Committee Drive Yesterday

Exceeding last year's Registration Day sales by 32, the number of Freshman ties sold yesterday reached a total of 473.

Ties were sold by Quadrangle Club and the Freshman Rules Committee at desks in the main lobby and at the freshman registration rooms.

Beginning today, every freshman is required to wear his tie while on the Institute grounds. When the freshman R.O.T.C. drill begins, the freshman tie will be a required part of the uniform.

#### Rules Period

Freshman ties must be worn by the members of the Class of 1939 until the end of the first term, unless the freshmen win Field Day in which case the requirement is removed at the beginning of Christmas Vacation.

The Freshman Rules Committee is the body entrusted with enforcing the wearing of ties. The second rule requiring freshmen to speak to members of the faculty upon meeting them, and to tip their hats to the President and Dean of the Institute, is also under the administration of the Rules Committee.

Although the freshman rules will be strictly enforced, the Freshman Rules

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Freshman Ties

## Tech Men Are Urged to Come Out and Support Athletics Here at Institute

### By Sports Editor

To the first year and upper classmen who attended the most recent freshman camp, the contents of this column may be slightly old and hackneyed. However, the matter involved is of such great importance to them and to the other 2000 men enrolled here at the Institute, that it is well worth while for all of them to become more intimately acquainted with this serious problem.

The problem is the question of athletics, and it is a serious problem at that. In the past years Technology sports have attracted a very small percentage of the enrolled student body. Last year, for example, there were 2507 men enrolled here at the Institute, and of this number only 929 took an active part in athletics. Only 37% of the men came out to take advantage of the Institute's elaborate athletic program, and at that, the figure of 929 is much too liberal, as it includes all the freshmen who substituted for P. T.

Do you wonder, therefore, that the number of victories won by the entire group of recognized sports here at Tech (with the exception of the rifle team) could be counted on the

tips of your fingers without any danger of running over. Fourteen recognized sports here, well coached and well financed could not chalk up as many victories as some single sport that enjoys a successful season. What is the reason?

We will give you the reason! Of the entire student body at least 50% do nothing but eat, drink, sleep and study. All their lives transpire before them in the sheltered seclusion of their rooms. Sheltered from what? Sheltered, perhaps, from the dull sting of a boxing glove! Sheltered from the freshly churned spray of an oar! Or sheltered, perhaps, from a tired muscle or a winded breath! At the worst, that is what they are sheltered from. To escape the loss of breath and a slight bruise they seclude themselves from life. Yes, life as it is and as it should be lived. They deprive themselves of the satisfaction of being able to say to themselves "I am better than that man!" this not being said with any false ego, but with all the assuredness and confidence that goes with a victory over an opponent. Why avoid the truth in

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Sports

## President Welcomes 600 at Tech Smoker

### Adept Alliterator



Staff Photo

Professor William C. Greene

## Classmate Helps In Ducking Weir

### Freshmen Tumble With Foe When Sophomore Rushes To Help Leader

Ignorant freshmen did not notice a Sophomore in their midst as they crowded onto the float to toss Donald Weir, '38, for his traditional ducking. As hundreds of freshmen were anticipating Weir's plight, Johnny Cook dove at them, tumbling those nearest the water in. In truth, the freshmen did not duck Weir; the Sophomore did.

After a rainy Friday night, 250 freshman spirits were not dampened to find Class of '38 numerals flying from the flagpole as they went to breakfast. Five minutes after eating, a freshman climbed to the top and tore down the offensive flag.

In another five minutes, Weir was found asleep in Tech Cabin. Like a corpse, the sleep still in his eyes, he was borne across camp, only his class flag to keep the drizzle off his almost naked body.

As he was being carried to the float, Weir came to life. With two convulsive kicks, two freshmen went in the frigid waters of Lake Massapoag. To help hold Weir, more freshmen were lured to the float.

Once, twice, but thrice did not come. As the Sophomore president was being raised for the third swing, lightning struck, in the form of Cork who timing his rush to the split second, precipitated half a dozen freshmen into the water. Weir almost did not get wet for freshmen swimming under him.

More than the customary number of campers, went swimming that morning. Beside those forced in, a great many more went to wash the red paint off their noses and ears. After painting '38 on a camp table cloth, and flying it from the flagpole, at 3 in the morning, Weir found he had enough scarlet pigment left to count the noses of the sleeping freshmen.

## Amalgamation of Two Societies Is Planned

Speaking on the subject of "A United Student Movement," Miss Celeste Strack, member of the National Committee of the National Student League will address a Technology audience on Thursday, Oct. 3. The room in which the speech is to be delivered will be announced on the bulletin board.

Miss Strack, a California student and Phi Beta Kappa member, is conducting a coast to coast tour speaking on the amalgamation of the National Student League with the Student League for Industrial Democracy.

## Rogers, Toastmaster, Introduces Staff Speakers

### Johnson Gets Technique Cup

"Here you are!" said President Karl T. Compton, as he addressed a gathering of over 600 freshmen at the All Technology Smoker held in Walker Memorial last night. In addition to the members of the Class of 1939, there were a good many of the freshmen's parents and uncles who attended.

Technology has been preparing for the Class of 1939, over a period of 70 years continued President Compton, and now it is up to the entering class to make the most of their opportunity.

#### Balanced Training

Maintenance of the proper balance between Technology's scholastic opportunities, and the opportunity offered by activities and athletics, was urged by President Compton.

Your scholastic achievements at Technology are most important, he said, and quoting Dr. Amasa Walker, "Tech is a place for men to work, and not for boys to play."

"Above all, don't forget the proper well balanced training afforded by the Institute," he declared in closing.

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Freshman Smoker

## Professor Schell Is Speaker At Dinner For Course XV Men

### Second-Year Men In Business Listen To Professors Outline Course

Professor Erwin H. Schell, head of the Department of Business and Engineering Administration, was the host last night to the second-year students in course XV, at a dinner given in the Hotel Sheraton, Boston. Present were professors in his Department, in the Economics Department and the course XV Sophomores.

#### Outlines Course

After dinner, Professor Schell welcomed the prospective executives and went on to describe something of the nature of the training given to those in the course. He stressed, with the aid of charts and graphs, the fact that Business courses formed, altogether, less than half the curriculum and the importance of the technical training offered as a background for later work.

In particular, he pointed out that course XV men receive a training

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Schell Dinner

## The Tech Will Meet New Men At Smoker

### Positions Open To Candidates In All Departments

Next Friday, October 5th in the Faculty Dining Room on the second floor of Walker Memorial, The Tech will hold their annual smoker to greet new students who are interested in trying out for the various positions on the paper. There are positions open in every department namely, the news writing, the editorial, the business, the advertising, the features, and the photographic department.

Speakers for the evening include J. R. Killian, former editor of The Tech and present editor of The Technology Review, Prof. Frederick G.

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Smoker



Vol. LV. OCTOBER 1, 1935 No. 33  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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#### Offices of The Tech

News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.  
Telephone KIRKland 1882  
Business—Room 301, Walker  
Telephone KIRKland 1881  
SUBSCRIPTION, \$1.50 Per Year

Published every Tuesday and Friday during the College year,  
except during College vacation

Entered as Second Class Matter at the Boston Post Office  
Member Eastern Intercollegiate Newspaper Association

Night Editor: Arthur M. York, '37

### "ISMS" AND MARTYRDOM INTELLECTUAL CURIOSITY

THE American press bears witness to an increasing interest of the college student of this country in world affairs. This phenomenon has been commented on amusingly by a writer in the New York World-Telegram, who says: "The college boys and girls aren't getting a fair break. For years we've been accusing them of wasting their time and their parent's money, rah-rahing and petting. Now that large groups of them are beginning to think and talk seriously about such momentous subjects as war and peace, they are either slapped on the wrist by some college administrations or accused by some publicists of indulging in 'emotional sprees.'"

Basic economic and social changes are commanding the attention of all mature people who are intellectually alive, and college men and women have the right and—more than that—the duty to equip themselves with knowledge of challenging and penetrating problems of the greatest importance. One need not look far in the collegiate press to find evidence of widespread interest in questions of widest implications.

The entrance of the United States into the League of Nations was made the topic of a poll prepared by the Association of College Editors and conducted last February by the Literary Digest. The problem of preparedness as means of insuring international peace, of the strike method as asserting the sentiment of college youth on the war question, of compulsory R.O.T.C. in the colleges, of the socialist and communist programs as means of averting the "capitalist crisis"—these and other problems fundamental to our national and world social structure have elicited more than passing interest in the colleges.

To insure a clear-headed, definite attitude on the part of the college student in his investigation of world politics, the answer to one leading problem should be imbedded in the minds of the college youth. This question is: Can a man acquire enough information during the four year college period to justify his embracing a cause? In other words, should the college man restrict his interest in world peace, communism, socialism, and all the other "isms" to intellectual curiosity?

A definite answer to this question in the mind of the entering freshman can do much to clarify his reactions to various youth movements. It is easy to lose one's balance in a survey of the many answers to the world's ills. In almost any discussion group of young people, there is sure to be one or more who think they are socialists or communists. Perhaps it is a sign that they have done some thinking about major problems. But at that stage of development it is easy to miss the broader aspects of the entire subject, easy to see all the favorable sides of one's own viewpoint to the exclusion of the unfavorable.

The scientific method has a lot in its

favor as applied to politics as well as in the laboratory. If a man has clearly assimilated in his own mind reason for becoming a martyr in the cause of communism, for example, then, we can believe his sincerity in giving himself to that end. It is extremely doubtful whether the college student can graduate from the experimental stages into the realm of martyrdom before he has been through the mill and had a few years in the world of realities.

### BETTER LIGHT, BETTER SIGHT SAVE YOUR EYES

O CULISTS estimate the prevalence of defective sight among college students at fifty per cent. A small part of this number is caused by inherited eye weaknesses; by far the greater portion is the result of eye strain brought about by careless over use of the privilege of sight or false economies in artificial lighting.

The greatest part of the intensive studying and reading done by students is by the aid of artificial light. Eyes are not replaceable; nor has anyone succeeded in using "monkey glands" to rejuvenate worn out eyesight. The implication is obvious. Regardless of the financial question good artificial light must be provided. The first expenditure that a student makes should not be for books, the library has all the standard texts, but for a well designed desk lamp which will assure him of minimum eye strain.

The Illuminating Engineering Society, a national organization of engineers familiar with lighting problems, has designed a radically new and different type of lamp which provides the finest study illumination available today. The specifications of this lamp are adhered to by a group of independent manufacturers of high repute. This lamp is, so far as we know, the only lamp manufactured today which gives adequate desk illumination. It may be recognized in the stores by the I.E.S. seal of approval. Buy one now. In so doing you not only make an investment which will yield incalculable dividends but you help to increase the volume of production and thus aid in making this refined type of lighting available to a wider class of purchasers.

### SOCIAL WORK FOR STUDENTS EXPERIENCES AND BENEFITS

IF you like to build model airplanes, repair toys, judge debates or settle questions of parliamentary law, teach wireless or chemistry, referee athletics or just spend an evening talking with people of different cultural background, the T.C.A. offers an opportunity to enter any of these and many other interesting pursuits. Such a variety of work is offered by the many social agencies in Boston and Cambridge that a college student may find it hard to choose which to participate in.

Students often find it most worth while to get experience in leading a boys' club in some neighborhood house. Here they get experience in leadership among boys, which leads to greater aptitude for leadership among men. In this work they can meet and talk with boys less privileged than themselves, boys from a class which forms the great mass of population, boys who will be men and with whom the engineer will have to deal. To understand their points of view is better to prepare oneself for situations that one encounters after graduation. For information about work in social agencies and neighborhood houses a student can inquire at the T.C.A. office. For students interested, this branch of work has a great deal to offer.

### When People Disappoint You

They were not put here on earth to understand you, or complete your life. They were put here to develop themselves, to produce their own peculiar harvest. And if you wish to profit by human companionship, you must accept its risks.

You must take people as they come. They won't come according to your pattern—of that you may be sure. And, if you are sensible, you'll be glad they won't for a companionship that conforms to your pattern can do you no good. A completely adoring friend is the most dangerous thing that could happen to you. What you need is a companion that won't conform . . . a contact that will stimulate and surprise you, provoke you, put on your mettle.

Elsie Robinson.



#### Moth Balls

By now the individualistic entities of thirty-nine have been duly welcomed, judged, and found not as wanting as they will be after expenditures for books, D-11 equipment, and coop memberships. So we leave our philosophizing on freshman eccentricities to a time when space filler is a more pressing need than at the present overstocked date, and offer the following comments on summer school to tie up the loose and somewhat frayed ends of a very quiet, very peaceful summer session.

In the first place, there were the local damsels who, with elaborate attempts at nonchalance strolled along the Drive, walked a bit faster up the front steps of Walker, descended the inner stairs somewhat more hurriedly, and in a hushed voice confided to Eddie Pung, "Please, we'd like The Key."

#### Keyholes

The inimitable Saily continues capable cavorting for the benefit of a pleasantly disappointed audience. After all, it is just a bit more satisfactory to find the Rand slower than the eye even if your gaze only reveals that the censor has been there before you. And of course, for those people who declare the fan is faster than the eye, one must remember that it can't be. Otherwise no one would go to the show.

#### All Tech Smoker

Now that the smoker is over, and Tubby's pungent voice has somehow trickled out of chinks in the window casings to leave Walker as quiet as a widow's garb, we wonder whether the humor that we no less than the embryonic engineers chuckled so heartily over is not wit but a very idealistic cynicism. In short, we accuse the rotund sage of catering to the coarser sensibilities of his listeners, to the desire to laugh at one's superiors. But, of course, that is very obvious. Wit or not, we admire Tubby's proficient ad libbing, his comebacks - on - the - spur-of-the-moment.

#### Objection

The danger that we have foreseen for several epochs, terms to be exact, approaches with the relentlessness of an old maid. Is Tubby to become a

## THE TECH Inquires

This column endeavors to solicit student opinion on questions of timely interest. Persons are chosen at random and interviewed by a reporter. Questions for this column may be submitted by readers. Open Forum comment on any question or the answers thereto will be welcomed.

**TODAY'S QUESTION:** "What is your opinion of the suggestion that the period of Freshman Camp be extended a longer time, possibly a week?"

All of the following replies were obtained at Freshman Camp.

**Charles Friedman, '39, XVIII, Dormitories:**

"Personally, I think the idea is good. In two days the freshmen do not get to know most of the other men of the class, while a longer time at camp will afford a better opportunity to the men to get acquainted."

**Paul B. Farwell, '39, X, 312 High St., West Medford:**

"When a student enters Tech, he has many expenses including fraternal, dorm (perhaps), tuition, books, etc. If this project could be done with not a great increase in expense it would be, in my opinion, a superb idea."

**P. Raymond Foresia, '39, X, Dormitories:**

"I believe the suggestion a good one because it would provide a greater opportunity to make acquaintances since the freshman classes are continually growing larger."

**Fred Mulberry, '39, Dormitories:**

"No. Three days is plenty. I need a bath already."

**Henry L. Faber, '39, X, 60 Richardson St., Wakefield, Mass:**

"I enjoyed the three days at camp very much, and I would have like to stay another two weeks."

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Hearst subsidiary or is he not. Else why the defamatory remarks so scathingly directed at The Tech, representing the R.O.T.C., the Liberal Club, Cleofan, the S.L.I.D., the N.S.L. Corp XV, and the Coop. We demand an answer. If he persists in following the well known Hearst policy of "Downing" everything (except Hearst) we warn him that there will come a day when the students shall band together and sweep to victory inspired by the flaming banner, "Down with Tubby."

**Famous SELF-STARTERS**

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**USE WATERMAN'S INK!**



## Boxers Putting On Exhibition At Recent Freshman Camp



Staff Photo

Tommy Rawson's leather pushers held the spotlight last Saturday afternoon at the Freshman Camp when four of his boxers put on an exhibition of the ancient art of fistuffs. Mixing it up in the 145-pound class, Ex-Captain Nick Lefthes boxed Fred Claffee. In the 125-pound division, Champ Norton took on George Ewald. In the picture above, Claffee (Right) is just landing a blow to the midsection of Ex-Captain Lefthes.

## Sports

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life. When you get out of school, you will find that competition is ever present. If you start avoiding it now, contact with it later on will be only the more bitter. Why not go out now and learn how to take it and how to dish it out.

This may sound like a plea to turn out better teams. On the contrary, it is a plea to get more men out for athletics. The winning teams will eventually evolve spontaneously. Here at the Institute, the success of a sport is judged not by the number of victories it can account for, but by the number of men it attracts. Some sports we can say, are fairly successful. How about the freshman soccer and lacrosse teams of last year? There were not even enough freshmen to comprise a team in either of these sports. Crew on the other hand, as well as track had fairly large turnouts, with the obvious results that they accounted for better competitive records. Win, lose, or draw, the very fact that a large turnout had been accounted for, assured these two teams that they could have their seasons labeled "successful."

We will grant you that our athletic buildings are somewhat scattered around the banks of the ever murky Charles, and that we are not favored by any one single centralized athletic building. We have not had any Eastman or DuPont leave millions, nay even, hundreds of dollars for the promotion of athletics here at the Institute. But there will come a day when our boat house, swimming pool, skating rink, and track house will be molded into one unit. Until then we must contend with the present.

The fact is that each student should go out for some sport, not necessarily to get a berth on the team, or to defeat your opponent, since here at the Institute it is the "playing of the game and not the winning that counts." Every man enrolled here at the Institute should have some manner or method of relaxation. The internal organs of the human body are provided by nature with certain systems of ridding themselves of internal poisons and excretions. External organs, are likewise provided with systems to rid of surface poisons. But what about the brain? Nature must have slipped up here. You have to provide your own manner or method of ridding your minds of the mental poisons and excretions that must accumulate after mental effort. Every other organ in the body is provided with a system whereby their respective wastes may be run off. Every mechanical engine is provided with a system for changing of old oil or the ridding of the foreign products of a combustion. So, too, must the brain be provided with an outlet. You may go to a movie, you may go to a dance, or you may read a book. But why not come out for a sport. There are plenty of gloves down at Rawson's ring! There are plenty of oars down at the boat house! There are plenty of cinders on Hedlund's track!

Come on down! We'll share them!

They're clucking tongues at the co-ed from U. of Louisiana who wanted to know what kind of powder was used in the Mayflower Compact.

## Freshman Smoker

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Professor Robert E. Rogers was again toastmaster for the Smoker, and he entertained the freshmen by his newest version of the Blashfield murals. The southeast mural, he said, represented the first chemistry professor brewing over his vessels.

The southwest mural has two interpretations—Dean Lobdell, Professor Rogers declared, considers it to be the N.R.A. immediately after passing through the Supreme Court. For himself, however, Professor Rogers preferred to continue his previous statement that it was inspired by the sight of a freshman just emerging from his first tussle with the Coop. In the large north mural, the toastmaster declared, we have the faculty welcoming the Sargeant Lacrosse Team.

### Athletics

Dr. John A. Rockwell spoke in behalf of athletics, and emphasized the dual purpose a student at the Institute must have before him. The development of intellect and the creation of a physique are the aims every student must strive for, he said.

Dr. Rockwell paid tribute to Dr. Allen W. Rowe who died within the past year. "Dr. Rowe," he said, "fostered straight, pure, clean, amateur sport, and the furthering of this has become the policy of the Institute."

### Publications

Professor Frederick G. Fassett, Jr., "The first white child born in some county in Maine," was introduced to discuss the opportunity offered by the publications.

The four publications offer training in writing, editing, publishing, advertising, and management," he said. "All the work is done by the student staffs, and there is no faculty censorship."

### Tech Show

"The Mount Everest of the Institute," "The tallest organic specimen," Bill "Goliath" Greene, came next in support of Tech Sow. "There is no profit, no great reward, in Tech Show, but there is a great deal of fun," he declared.

"If you wish to exhibit yourself as something you are not, come out for Tech Show. She's the essence of what you are, and that ain't art!"

### Musical Clubs

Professor Leicester F. Hamilton spoke for the Musical Clubs. With his own musical experience limited to the customary juvenile piano lessons, Professor Hamilton explained that he was not especially qualified to present the merits of the Musical Clubs. "If you are musically inclined," he urged, "continue to develop your talents at Technology."

### Awards

Technique Cup—the award made by Technique to the year's outstanding track star—was awarded this year to Stanley T. Johnson, '36, who captured 56 points in his track competitions during the year. Award was made by John T. Smith, Jr., '36, general manager of Technique.

The George Schwartz Medal—a medal given to the best manager of the year—was received by Edgar R. Pettebone, '36, manager of squash and tennis. The medal was presented by the Secretary Treasurer of the

## Walker, '39, Wins T.C.A. Track Meet

Hedlund Meets All Relay and Cross Country Men Tonight

After patiently waiting for a prolonged weekend rain let up, Track Coach Oscar Hedlund was finally rewarded when the sun gleamed through on Sunday afternoon and allowed his annual Freshman Camp track meet to be run off. Of the some odd 250 first year men enrolled at the T.C.A. Camp, a young man named Walker took individual honors with a high score of ten points. Hyde was second with six points, while the triumvirate of Laker, Klitgord and Schnieder tied for third with five points each.

This afternoon beginning at four o'clock, Oscar Hedlund will head the receiving line down at the track house where he will meet all freshmen and upper class men who are interested in cross country. At the same time he would like to speak to all the freshmen and sophomores who are to compete for berths on the field day relay teams. In view of the fact that a large number of entrants are required in both cross country and relay competition, all men have a good chance of rounding into shape and holding down a position.

## Tech Smoker

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Fassett, Jr., of the Department of English and member of the Advisory Council on Publications, and Prof. Edwin S. Burdell also former editor of The Tech and member of the Advisory Council on Publications.

Free cider and doughnuts will be served to all and there will be plenty of smokes. There will be an opportunity for all candidates to meet and become acquainted with the various members of the staff who will be glad to explain any question that the candidate might have on his mind.

### Undergraduate Notice

A meeting of Dramashop will be held Wednesday afternoon at five o'clock Room 2-178 to form plans for the production of its fall play, "By Candlelight," a comedy by P. G. Wodehouse.

Class of 1924, the class of which George Schwartz was a member. The medal is awarded in memory of George Schwartz, and is provided by the members of his family.

### "Obie" Dennison

"Obie" Dennison, '11, led in the singing at the Smoker, and entertained the audience with "Down by da Winegar Woiks." He also conducted those present through "Take Me Back to Tech," and the "Stein Song."

The entertainment closed with an athletic program in Walker Gymnasium. There the freshmen and guests witnessed a variety of wrestling and boxing matches, as well as a lacrosse exhibit.

## Plans For Walker Memorial Completed Only After 18 Years

Original Plans Had Reserved A Majority Of Space For Athletics

Of the Institute Buildings in Cambridge, perhaps the most interesting in a personal way is the Walker Memorial. In the chaos of 1916, when the new Institute was still in its infancy, plans were revived to construct a "Walker Gymnasium" for the recreation of the students, and activities were at once commenced.

### First Planned In 1898

It was at an Alumni Meeting in 1898 that the first serious discussion of the subject took place. At the suggestion of a committee of three which had been appointed to look into the matter, a Walker Memorial Committee of nine was delegated to take charge of the proceedings. Professor Harry W. Taylor, '84, was chairman of the committee, and his work of the project was invaluable.

Before very long, however, some of the planners of the new building, decided that a mere gymnasium was not enough for the students, that they needed social facilities as well, and so it was at the association meeting in 1899 that it was suggested to broaden the scope of the proposition. The Corporation was approached and the Association was offered either 10,000 square feet of land on Trinity Place, or 48,00 square feet on Garrison Street, the condition being imposed that \$100,000 should be raised by July 1, 1901. Plans were tripping merrily along when it was suggested by the Corporation that the Institute might change its quarters in the next decade. This, of course, necessitated an indefinite hold-up in the plans, and it was not until 1916 that it was again seriously considered.

### Plans Were Extended

In 1916 Professor Tyler presented to the Association a sketch of a suggested housing for the gymnasium and social rooms of the Institute, and stated that it was approved by the whole committee. Plans of four floors were examined, and the probable cost was fixed at well over \$500,000.

As for the interior, much more space was devoted to athletics than is at present used. The intention was that the gymnasium facilities should provide for the upperclassmen as well as the freshmen, and contained several dressing rooms for several other branches of sport such as track, baseball, and basketball.

### Floor Plans Exhibited

In the architect's plans, there were 15,000 square feet of floor space devoted to gymnasiums, including facilities for the faculty in the basement of 7000 square feet.

On the second floor were a library, a trophy room, and a billiard room. The Faculty Room was in the rear of the second floor, but it was suggested that the billiard room need not be in the front, and that something else might take its place.

## Soccer Practice Begins Today Under Coach Goldie

Varsity and Freshman soccer practice under the tutelage of Coach Malcom Goldie begins tonight at four o'clock and will continue until six o'clock. In view of the fact that the first game is scheduled for a week from this coming Friday, soccer men are requested to report every night this week and next.

The gymnasium was on the third floor over the large dining hall, with two offices for the Tech, two for the Technology Christian Association, and one each for the Athletic Association, Musical Clubs, Technique, Tech Monthly, and the Tech Show.

Before very long, construction was under way with characteristic dispatch, and on one rainy day in early June, 1916, the exercises of laying the cornerstone was held.

## Electrical Engineering

(Continued from Page 1)

Research Division in the Engineering Department of the R. C. A. Manufacturing Company, Inc., will have as his subject, "Some Recent Developments in Applied Acoustics," to be given on December 16 and 17.

This series of colloquia is designed to acquaint the seniors, graduate students, and the junior honors students with the way in which the fundamental sciences, especially mathematics and physics, are applied to particular engineering problems.

### Undergraduate Notice

Tryouts for the "Rhythm Masters," a new dance orchestra, will be held Wednesday at five o'clock in North Hall, Walker Memorial. There are places open for sax, trumpet, bass, traps, and piano. Candidates are to bring instruments and stands.

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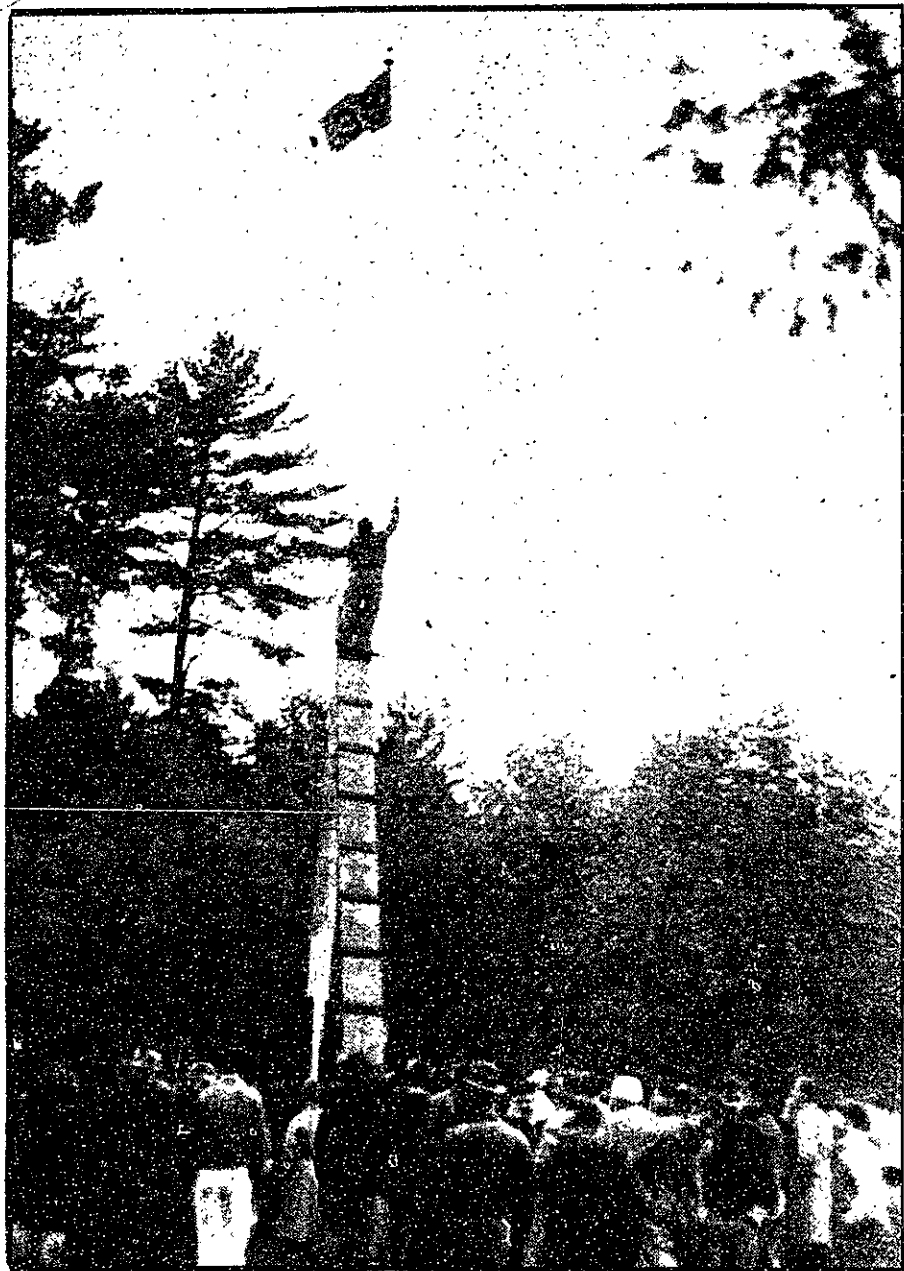
Dividend at the rate of 9% on cash purchases and 7% on charge purchases. Year ending June 30, 1935.

All memberships start July 1 and expire June 30.

**Technology Branch** **Harvard Cooperative Society**



## Down With '38



Staff Photo

Freshman Bringing Down Sophomore Flag At Massapoag

## The Tech Inquires

(Continued from Page 2)

James H. Schipper, '36, XV, President of the T. C. A., 28 The Fenway:

"I think that the present length of the period of Freshman Camp is very satisfactory. There are several things to be accomplished during the course of the session. The 10th annual camp gathering, which was held this year, more than accomplished its purpose in the short three day period. Too extend this period would be impossible as the men would not have the time to give and the additional expense would be prohibitive."

Robert Pantene, '39, Dormitories:

"Yes. If there were plush seats in Friendship Lodge."

William O. Nichols, '36, II Dormitories:

"I think the idea would be very helpful in getting the class more efficiently organized and acquainted."

M. C. Morrill, '39, 33 Bay State Road:

"A great idea provided there is a girls' camp adjacent."

E. R. Fish, Jr., '39, XV, Dormitories:

"I think a week would be ample, but I also believe that almost as much can be done in the concentrated camp as it is run at present. The gain in a week's camp would not justify the added time."

George R. Robinson, '36, X, President of 5:15 Club, 5 Crescent St., Wakefield:

"I am in favor of a longer period so that we might possibly get a few days of good weather."

William Burnet, '37, II, 28 The Fenway, Manager of Freshman Camp, 1939:

"I do not think anything would be gained by extending the period of the Camp. The purpose of the Camp is to introduce the freshmen to the personnel of the undergraduate extra-curricula activities and to the faculty members connected with their first year at Tech. The three days of camp are ample to fulfill the purpose and a longer period would cause unrest."

Robert G. Fife, '39, XV2, 59 Bay State Road:

"It would be highly advantageous in giving freshmen the very best start in M.I.T. One may make a few acquaintances and learn a little about the Institute in three days, but in a week a great many more friendships could be formed and a much better understanding of Institute ways could be obtained."

Roswell Finlay, '39, I, Dormitories:

"It would afford the students an excellent opportunity to get started in the sport in which they intend to participate at the Institute."

## Freshman Camp

(Continued from Page 1)

the old and famous Technology songs. Saturday afternoon again found the fledglings at "Friendship Lodge" where they were officially greeted by members of the faculty and administrative heads.

After the assembly the faculty took part in an indoor baseball game with the upper classmen. The game was hard fought and finally ended in a tie in the 'steenth inning during which the faculty made about eleven outs. It was through the fine work of Professor Leicester F. Hamilton, pitcher, Bursar Delbert L. Rhind, catcher, the star runner, Professor Nathaniel H. Frank, overcoming the moment of inertia, and the fine spirited team, that the game ended so successfully for the faculty.

Coach Oscar Hedlund held a track meet Sunday morning and appeared to be well pleased with the result.

Coach Bill Haines was busy on Saturday and Sunday giving all the men a chance at an oar with the assistance of four varsity men and two coxes.

## Hobbies, Radio in October T. E. N.

## Majority Of Articles In Issue Of Interest To Student Engineer

Details of the "Brainstorm Contest" appear in the October issue of this publication on the corridor news-stands Thursday. Enterprising frosh with Goldbergian ideas will reap rewards of cold cash and T.E.N. subscriptions.

The real meat of the October T.E.N. lies in its many and varied articles of interest to the student engineer. Dean of Engineering, Vannevar Bush, writes at some length on the many aspects of hobbies emphasizing their practical use to the student as well as their broadening influence at a time when excessive specialization threatens. He urges the proper pursuance of some hobby by all men but warns of the dangers of too deep concentration on what should constitute a "secondary activity."

Mr. P. P. Eckersley, who since 1908 has been constructively altering the art of radio broadcasting and who was formerly chief engineer of the British Broadcasting Corporation, discusses the advantages and disadvantages of the British System of radio broadcasting. The British system differs from that in use in America at the present time fundamentally in that its costs are defrayed by direct government taxation of receiving sets rather than by the indirect levies of advertisers with which we are familiar. Mr. Eckersley presents a sound comparison of these two systems stressing with great fairness the strength and weakness of each.

The recent collapse of the old Hollis Street Theatre roof which resulted in the deaths of several workmen engaged in demolishing the structure makes of particularly timely interest Rudolph Miller's article "Building Collapses." Mr. Miller discusses the subject of structure failure in buildings from the several angles of regulatory construction laws, engineering problems and responsibility and natural factors entering into the problem. He illustrates his points with well chosen references to familiar instances of building failure.

Surprising new uses for cotton and a sparkling history of the wonder metal chromium conclude the list of full length features in the October T.E.N.

Other familiar features of the magazine maintain their same standards. The editorials are thought-provoking, the "Engineering Digest" is interesting and informative, and the review of Institute Research is well rounded out after a summer of silent endeavor.

All in all October Tech Engineering News speaks of sacrifice on the part of its staff members who must have devoted a good portion of the latter part of the summer recess to whip so worthwhile an issue into shape.

## Potential Engineers



Staff Photo

Group Gathered In "Friendship Lodge" At Freshman Camp

## Schell Dinner

(Continued from Page 1)

laid on a very broad base. Their education is not the concentrated type given to those in the engineering courses. As Professor Schell said, the engineers learn more and more about less and less, whereas the course XV men learn less and less about more and more.

## Give Study Aids

Professor Schell warned that all of the next three years would not be easy, but pointed out that the staff would be glad to help men in trouble, and suggested several aids to study. With the aid of another graph, he showed that at the end of fourteen years, 70% of the graduates in course XV hold major executive positions, and another 15% hold minor executive positions.

Professor Freeman, of the Economics Department reiterated the invitation of the staff to give aid to students extended by Professor Schell, and discussed the function of courses Ec11 and Ec12 in preparing for more advanced studies in economics.

## Government Trends Important

Dr. Dewey pointed to the need for an understanding of the trend of government toward regulating the affairs of business and the individual, and showed that it was a long-time trend and not an innovation of the present administration.

Professor Armstrong, also of the Economics Department, briefly discussed his connection with the stock market prior to 1929, after which Professor Schell adjourned the meeting.

## Undergraduate Notice

The Sophomore Competition for the Walker Memorial Committee will begin next Monday and continue for two weeks. All Sophomores wishing an opportunity to gain some administrative experience please report at the Committee office in the basement of Walker Memorial at 5:00 P.M., Monday, October 7.

## Freshman Ties

(Continued from Page 1)

Committee expressed a desire to have the Class of 1939 feel that they are co-operating with the Rules Committee, and not being dominated by it. The matter of the Freshman Rules—designed to promote Technology spirit lasting friendships—is expected to aid in fostering this feeling of co-operation.

## Brainstorm Contest

(Continued from Page 1)

fifteenth, to the Managing Board of The Tech Engineering News.

5. Each entry must be accompanied by an entry blank, or reasonable facsimile thereof, appearing with the latest issue of T.E.N.

6. The decision of the Managing Board will be final. In case of ties, duplicate prizes will be awarded.

## Undergraduate Notice

Herbert G. Forsell, new gym coach, has sent out a call for freshman and varsity gym men to report to a meeting on Thursday at five o'clock in the Walker Memorial gymnasium.

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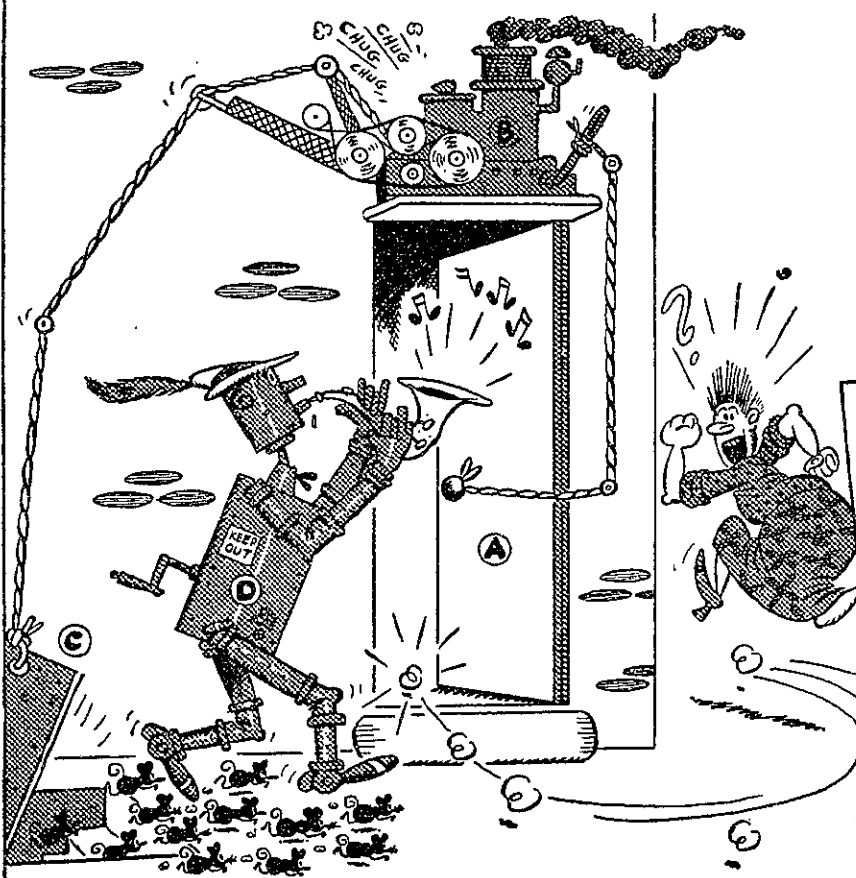
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