

VARSAITY RIFLEMEN WIN NEW ENGLAND INTERCOLLEGIATES

Capture Title For Fourth Time;
Foote Takes Individual
Scoring Honors

TEAM SCORES 1336 TOTAL

Finishing the season in a blaze of glory, Technology's rifle team won the New England Intercollegiate last Saturday afternoon for the fourth time in six years, with a score of 1336, leading New Hampshire, its nearest competitor, by 47 points.

Technology had not only the winning team, but also the high individual scorer of the match, Wilbur Foote, who ran up a total score of 282 out of a possible 300. Right behind him was another Technology man, Henry Kiley, last year's Eastern champion, who finished with a score of 272. Incidentally, Foote was last year's runner up, and he got the same score Kiley got this year.

N. Y. U. Best In Prone

The match began Saturday morning at the Commonwealth Armory with the men shooting at the prone position. The Engineers ran up a total score of 476 out of 500, which was only surpassed by New York University's miraculous shooting of 489 out of 500. This was followed by shooting at the kneeling position, in which the Technology sharpshooters cut very heavily into the lead N. Y. U. got in the prone shooting. In fact, they came within four points of pass-

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Davis Of Stevens Institute Speaks To Faculty Club

Discusses Pedagogical Aspects
Of Technological
Education

"Who Should Study Engineering" was the topic chosen by Dr. Harvey N. Davis, president of the Stevens Institute of Technology, which was presented before a joint meeting of the Faculty Club and the Alumni Council last evening in the North Hall of Walker Memorial.

President Davis has recently conducted a number of pedagogical experiments, with the co-operation of the Stevens Institute, in an effort to evaluate the professional promise of engineering students as early as possible.

Speaker Is Well Known

The speaker is well known here because of his long association with Harvard University. His work in collaboration with Professor Marks resulted in a book of steam tables which became recognized authority on this subject throughout the entire engineering profession. Since assuming the presidency of the Stevens Institute in 1928, Dr. Davis has, by the originality of his attack on problems of engineering education, established an international reputation as a pedagogue.

CLUB SIXTEEN MEN TO DANCE TONIGHT

Eighty couples are expected to attend a dance to be given by the members of Club Sixteen in the North Hall of Walker Memorial tonight from eight-thirty until twelve. The Club Sixteen is a social organization of the men in Course XVI. It is hoped that the club will soon be recognized by the Institute Committee.

LEADERS OF SCIENTIFIC WORLD PAY TRIBUTE TO ELIHU THOMSON ON 80TH BIRTHDAY TOMORROW

SPEAKERS REVIEW MODERN THEORIES WED. AFTERNOON

Frictional Electric Machine
Made From Wine Bottle
Is In Exhibit

COMPTON GIVES SPEECH

On the afternoon of Dr. Thomson's birthday tomorrow there will be a meeting of scientists and engineers at Technology, at which papers on the historical development of the applications of electricity, modern theories and the present trends of research will be presented.

President Karl T. Compton will discuss the historical aspects of electricity with particular reference to Dr. Thomson's achievements in this field. Dr. John C. Slater, head of the Institute's department of physics, will read a paper on the theories of electricity, while Dr. K. K. Darrow, noted research physicist of the Bell Telephone Laboratories, will speak on the trends of modern research.

Models of Inventions To Be Displayed

As part of this celebration, many models and some of the originals of Dr. Thomson's most significant inventions will be on exhibition in the West Lounge of Walker Memorial. This exhibition will be open for guests on Wednesday, and will be continued for the public from Thursday to Sunday, inclusive, from 2 to 5 P.M. The models will include the frictional electrical machine made from a discarded wine bottle by Dr. Thomson when he was eleven years old, and a dynamo invented in 1878, which has all the essentials of the great modern generators. Many early types of the arc lamps designed by Dr. Thomson and his colleague Professor E. J. Houston also will be shown.

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PLAN SECOND FREE SUNDAY CONCERT

Glee Club To Feature Program
Of Second Free Sunday
Concert In Walker

Sunday, April 2, will mark the date of the second of a series of concerts given by the Combined Musical Clubs in Walker Memorial. The event promises to draw a larger crowd than the one presented two weeks ago at which an attendance of over eight hundred was noted. The concert this week will be presented by the Glee Club, which is in the midst of a very successful year, having placed third in the Intercollegiate contest at Springfield.

The Glee Club will present approximately seventy-five members in a varied program consisting of hymns, negro spirituals, folk songs, and the ever popular Victor Herbert melodies. The management is at present negotiating with the National Broadcasting system for a nation-wide broadcast of the event. This will be simplified by the fact that the instruments necessary will be already installed for

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ELIHU THOMSON

Inventions Of Elihu Thomson Worth \$1,500,000 To General Electric Co.

Electrical Prodigy In Youth;
Greatest Invention The
Carbon Arc

The "ideas, invention and spirit" of Dr. Elihu Thomson, who will be honored by the scientific world tomorrow evening at Technology, represent, intangible assets, "a substantial part of \$1,500,000,000" according to an estimate made in 1930 by Owen D. Young. Mr. Young, in that year, said that the assets of the General Electric Co. were, roughly, \$500,000,000. At that time shares in the company were worth \$2,000,000,000. "The difference between the two billion and the five hundred million," said Mr. Young, "is in substantial part due to the ideas, invention, and spirit which the company owes to Professor Thomson."

Born in England in 1803, Elihu Thomson was brought to this country when a baby by his father. While a child, he had an insatiable curiosity for things electrical, and persistence enough to make experiments. At the age of eleven, he was building crude but workable frictional electrical machines out of wine bottles.

At that time too, he constructed the usual electrical devices of the period: batteries, Leyden jars, electro-magnets and telegraphic instruments. From such a childhood start Elihu Thomson kept on inventing and experimenting until today he holds more than 700 patents, the third largest number held by any man.

Professor Thomson's contributions

to the electrical industry were to a large degree the result of close study of the electric arc. The first successful and most widely used system of arc lighting was that devised by Professor Thomson and put out by the Thomson-Houston Company in 1880. The secret of the success of this system was Thomson's three-coil arc dynamo, with its automatic regulation features. This three-coil dynamo was a direct current machine, but it is interesting to note that with different

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DORMITORY BOARD ISSUES WARNING

Sends Message To All Dorm Men
Saying "Spring Riots" Will
Not Be Tolerated

The Dormitory Board in a special message to dorm men, last Wednesday, made known the fact that it will not tolerate any "spring riots" on the part of dormitory men this year.

The message which was sent to every dormitory resident read as follows:

"The unfortunate incidents of last spring which resulted in injuries to firemen of the City of Cambridge and policemen of the Metropolitan District Commission who were engaged in the performance of their duty has

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MANY NOTED MEN GATHER TO HONOR ONE OF 'BIG FOUR'

Gov. Ely Represents State To
Laud Former President
Of Technology

HOOKUP COAST TO COAST

Leaders in science and engineering will gather in the main hall of Walker Memorial tomorrow evening to pay tribute to Dr. Elihu Thomson, whose pioneering and inventions in electric engineering have been largely responsible for the great development in this country's electrical industry.

Dr. Thomson who was acting president of Technology from 1920 to 1922, and is now a member of the corporation, a non-resident professor of applied electricity, will celebrate his eightieth birthday tomorrow, and it is on this occasion that the world of science has chosen to honor him for his great services. The dinner will be broadcast on a nation-wide hookup.

Many Distinguished Guests

Guests at the great dinner to be held in Walker Memorial will include many of America's most distinguished scientists and engineers, educators, and leaders in the various professions outside engineering, as well as representatives of the professional societies and technical organizations. President Karl T. Compton will preside at the dinner, at which Governor Joseph B. Ely of Massachusetts will voice the tribute of the people of Massachusetts to Dr. Thomson.

George B. Cortelyou, president of the Consolidated Gas Company of

(Continued on page four)

STUDENT SOCIETIES PROTEST FASCISM

Liberal, Menorah, Socialist, And
Catholic Clubs Express
Disapproval

Recent events in Germany, with special reference to violations of civil rights alleged to have been committed by the present Fascist government, will be protested at a meeting to be held under the joint auspices of the Liberal Club, the Technology Socialist Club, the Menorah Society, and the National Student League, Thursday at four o'clock in Room 4-270.

Professor Charles F. Taylor, head of the Aeronautical Engineering department, will present a general view of the situation from the liberal standpoint. Warren Mullens, M. D., of Oxford, member of the British Labor party, and Socialist Party organizer in Boston, will speak for the Technology Socialist Club.

The National Student League will be represented by Mr. Max Wiess. Mr. Wiess was expelled from the City College of New York some years ago in the course of a student battle against the R. O. T. C. He will present a Marxist interpretation of German Fascism. It is expected that the Menorah Society, and possibly the Catholic Club, will also provide speakers representing their points of view.

A Record of Continuous News Service for Over Fifty Years



Official News Organ of the Undergraduates of M. I. T.

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Perusing the Institute's bi-weekly publication for our favorite author, we were considerably taken aback to see the right honourable gentleman, our representative to Wellesley, likewise ex-past Grand Trunk of the Bestial and Pornographic Order of Elephant Admirers, der Herr Professor Doktor Brovanity Greene, spread all over the upper left hand side of the front page.

"Scrimed" screamed the headline, and "Sensational", yelled the Dadakis make-up, and below it all appeared a bona fide quotation bearing the name of Professor Greene, you know, the same one that amuses the girls at Wellesley.

Not content with telling the commuters they were a low form of biological existence, this one adds insult to injury by laying down the hard and fast rules by which one builds character. Says Professor Greene, in essence, "character can be gained by holding class offices or associating with men who hold class office". (We quote from THE TECH).

One envisions as a result, the serene Fossett vainly hissing "scat" at troupes of worshipping and character desiring freshmen, or perhaps the suave Morse looking hot and uncomfortable as hordes of commuting Sophomores tread upon his heels. "Oh yes," they would say, "but Professor Greene said we'd have character, you know."

With this get-away, we see before der Herr Doktor a glorious and painted future. The Tech reporters will hang upon his every word, in the future, if not figuratively at least literally. And when the zenith of a promising career has been reached, then will occur the impossible interview sans exception, Professor Rogers and this upstart redoing almost anything of worthy delicacy and abstruseness.

Imagine the astonishment and amusement which attended the announcement, in a section of Course X Juniors, that the rest of the hour would be given to a talk on "Fertilizer Plants" by Dr. Blo—oops, we mean Lewis. If you haven't seen Tech Show, don't worry about the point of this. We admit it is a little abstruse.

Peering through the columns of the New York Times Magazine Section for March 26, we came on an article titled "Our Colleges for Women: Coed or Not?" by Eunice Fuller Barnard, whoever that is.

After a conventional opening paragraph guaranteed to stimulate reader interest we delved further into the mysteries of Our Colleges for Women, and were finally rewarded by the following gem:

"But suddenly I was thinking of the ecstatic little co-ed with whom I had dined at the University of Chicago. 'Men in the classroom,' she had explained, 'are a stimulation. You have to do your best. You see, I'm in the pre-medical course, and as a matter of fact I met my fiancee in the laboratory. We cut up cats together every day and dance every night—except when we go to the movies or operations at the hospital. And I never was so happy in my life!'"

It would seem that life in the co-ed fashion is just one happy round of cats, dancing, and operations. Some soul-mate, hey buddy?

We do feel, however, that the line should be drawn some place, and so vow that hands that take a cat apart shall never rear our off-spring. Fancy telling someone her eyes were like pools of protoplasm! We shudder at such degradation of the eternal platitudes to mere matters of crass animal substance.

All Best Colleges Represented At Sing Sing Says Protestant Chaplain

WITH THE AMERICAN COLLEGE EDITORS

Mr. Terhune's Opinion

Albert Payson Terhune, the famous American writer, recently remarked that a college education is useless. Just what facts or suppositions this claim is based on are not known, but surely past records would seem to refute Mr. Terhune's statement. Most successful men, and by this we do not mean those who are judged successes because of their financial gains and prosperity alone, have been endowed with college educations before beginning their careers. The benefits and intellectual contributions of the knowledge and learning acquired during their school attendance greatly aided them in their quests for fame and success in their respective fields of endeavor.

It must be admitted that for some a college education is absolutely useless. However, this is not the fault of the university, nor of the curriculum, nor of the teachers, but rather of the individual himself who criminally wastes the time and money allotted him for his intellectual and cultural advancement. This type of student is far in the minority, however, for most of those attending the modern universities realize the sacrifices being made by themselves or by others to gain for them a college degree and education. Members of the present generation are not on the whole as unappreciative as they are often painted and very few of them fail to take full advantage of the opportunities offered in the college curricula of today. University courses are not useless for these men and women, who make the learning gleaned in the classroom a means of developing their minds and personal characters. With this development, there often follows that renown and worldly prosperity which is so often denied to the uneducated individual.

There are many who have achieved success and fame in their work despite the lack of a college education but these are exceptions. With the aid of university training and knowledge they might have risen to even greater heights and honors and their prestige would have been even more widespread. Men who have already experienced the knocks and hardships of the world invariably say that a college education is almost indispensable for continued success in worldly affairs. Very few university graduates view their college courses as wasted and useless no matter what their condition in life may be. Common opinion certainly seems to refute the puzzling statement of Mr. Terhune.

—Duquesne Duke.

TRACK RALLY SET FOR THURSDAY P. M.

Dr. Rockwell And Captain Bell Are Scheduled To Speak

Outdoor track will get under way officially this Thursday afternoon with a rally to be held at five o'clock in Room 3-270. Coaches Oscar Hedlund and Bob Bowie are anxious that all prospective varsity and freshman candidates attend.

Dr. John A. Rockwell, '96, Chairman of the Advisory Council on Athletics, will be the principal speaker; Captain Dick Bell and the coaches will also say a few words. Movies of several I. C. 4-A meets of past years will be shown.

Active work has already begun for many of the men. The workouts are being conducted on the turf now, with the cinder track due to be used after a couple of weeks of conditioning. The coaches, encouraged by the results of the recent indoor season, hope for a banner year.

No Teachers or Professors Among Prisoners There

Anthony N. Petersen, Protestant chaplain of Sing Sing prison, revealed recently that all the best colleges are represented there. College prisoners commit larceny three times as often as others. Forgery is their most popular crime but the man who works his way through college seldom strays from the straight and narrow path, and therefore is not often found in penal institutions.

"To the best of my knowledge," says Reverend Petersen, "we have not had any school-teachers or college professors among our prisoners. Whether this is because such men do acquire a real education at college, or because of something connected with the essential altruism of their profession, the truth remains that those who make teaching their life-work do not come to Sing Sing."

At present at Sing Sing college men are inclined to lay the blame for their disgrace on social and economic conditions, he says. Hard drinking and sexual excesses too, are almost always associated with a life of crime, according to the chaplain. "As regards college men who are sentenced to prison," states Reverend Petersen, "I am certain that drink, and to a less extent, sexual excesses (especially when followed by disease) are distinctly causes of crime."

Crimes in which force or intimidation are involved seldom are responsible for the incarceration of college men. College men do not become human flies, cat burglars, hold-up men, racketeers, kidnapers, or mail coach robbers. Neither are they addicted to the "crime passionel." Rarely do they commit murder. In the past seventeen years of Chaplain Petersen's service at the institution only one college man has been electrocuted.

Reverend Petersen gives the following procedure for parents who wish to send their offspring on a career that will not end in a state penal institution. "Do not baby him. Treat him like the man he already thinks he is. Encourage him in his awkward and often annoying attempts at self-expression and self-determination. When he gets into trouble because of his immature judgment, do not pull him out so quickly that he fails to connect cause and effect. Do not spoil him, and do not nag him. The one is as bad as the other. Give him ever-increasing freedom while he is living with you—and he will not misuse the arger independence of the college years."

INFIRMARY LIST

- George A. Fowles, '34
- Orman Hines, employee
- Marshall M. Holcombe, '36
- Aurelius P. Hornor, '36
- Thomas Rucker, '35
- Ulrich Solmsen, G.
- Harold E. Thayer, '34
- Ariel A. Thomas, '36

TECHNOLOGY IS FORTUNATE

TECHNOLOGY was once so fortunate as to have, even if only temporarily, a man so great as Elihu Thomson for president — Elihu Thomson himself, in fact. We are hence doubly fortunate in being able to have Dr. Thomson attend the dinner which will be given tomorrow in his honor and in celebration of his eightieth birthday. Those who know the great man are the only people who can truly understand and appreciate him: that is why Dr. Thomson is held so highly at the Institute: he has many friends here.

Besides being a likeable gentleman, Dr. Thomson is a man of many and important inventions. Born in England in 1853, he soon moved to America. He received only a public school education, but by means of extensive reading "on his own", he acquired sufficient knowledge to start upon his scientific career of inventions and discoveries. As is elsewhere stated in today's THE TECH, this continued until he had seven hundred patents to his credit, and it will go on, we hope, for many hundreds more.

COME TO OPEN HOUSE

COME and see Technology. On the sixth of May the Institute will throw open its doors to the students and the public. The academic plant will be in full operation as much to show the student's educational life as to demonstrate the laboratory work of the school. The cold-blooded scientist offers the undergraduate, as well as the public, this opportunity to see his work and to learn that there is little about scientific things that is cold-blooded and much that is interesting even to those who are not scientifically inclined.

Open House is a custom at Technology. Its purpose is to acquaint guests with the work which is carried on in the scientific courses. In order that the guests may be permitted to see the laboratories in operation some of the scheduled work will be carried on in the evening. And this will be the first Open House when it will be possible to visit the new Eastman Physics Laboratories. Much interesting apparatus which could not be seen elsewhere is in use in these laboratories alone.

Therefore, students, come yourselves, and bring your friends!

IS HE A SISSY?

WHY does the average student rebel at "social work"? Is it possible that it sounds too sissified, a job for the effeminate type of man? Or is it that he does not know what it is and has no desire to be shown? A possible explanation is that a fairly large group will never show any interest except when it has the opportunity to scoff at social work. It is partly in fear of ridicule that some men are apparently so indifferent. But are these reasons well-founded?

An examination of the men who are already helping out in boys' club work disproves the idea that only weaklings enter the field. It is a job for real men. No "sissy" could keep a live group of boys interested enough to keep coming to the clubs. The boys do keep coming, and bring their friends with them. If they are interested in the work that the leaders have for them, and have respect for the leaders themselves, as they do, then this is proof enough that the leaders are a fine type of man.

The indifferent type of student is a hard man to convince. However, if he once visited a boys' club and observed the work being done, he would need no persuasion. The leaders have as much fun as the boys, and gain a world of experience. Those who have entered social work, when they find what it really is, recognize the fact that others who laugh at them do not fully realize the conditions, and never let it worry them.

No more than an hour or two a week is required, and the return for the time spent is comparatively enormous. Few better ways are open to acquire an ability for leadership, a trait much sought after by many employers. If then, it is true that a man's ability may be judged by the number of men he can manage, here is a chance to develop a valuable characteristic. The time required is small; the gain is large.

More Popular Than Ever
With Tech Men
The
CAFE DE PARIS
Conveniently Located
at
165 Massachusetts Ave.

Riflemen Capture N. E. Intercollegiates

Wilbur P. Foote Scores 282 Out Of Possible 300 To Win Individual High Score Honors

TECHNOLOGY WINS FOR FOURTH TIME IN SIX ATTEMPTS

Henry Kiley, Champion Of Last Season, Finishes Up In Second Place

TEAM SCORES 1336 TOTAL

(Continued from page one)

ing the violet team. Then came the standing position; and it was here that the Engineers just walked away from the rest of the field, getting more than 35 points more than any other team. Four out of the five Technology men got over eighty in this event. The team got a total in this position of 413, which is a higher score than any other team in the country got.

When the offhand shoot was about to begin, Foote saw that he had a wonderful chance to win the individual high honors, if he got a fairly good score in this event. Clad in his blue dungarees and his old deerskin glove on his sling, which he has for a good luck charm, Foote took his rifle and very deliberately shot an eighty-seven, which was more than enough to reach his goal. Incidentally, he shot a ninety-eight at the kneeling position, just two bullets missing the charmed bullseye. Kiley, the runner-up, just nosed out Foote with an eighty-eight in the standing shoot.

Fourth Victory in Six Years

Saturday's victory brought Technology's total to four championships in six years of shooting. That is a record of which Technology can well be proud. Sergeant McDonnell, the coach of this year's championship team, is largely responsible for their success, and deserves a great deal of credit for the job he has done with them. He was left with only two veterans from last year's champions, but took what green material he had and proceeded to turn out a team of which anyone could well be proud.

The method in which the national intercollegiates are held is quite complicated, but the general idea of the procedure is as follows: The country is divided up into sections, and all the colleges included in one section meet at some range in their section on the same day and shoot off the match. This was done Saturday, when the Eastern section, which included Technology, New Hampshire, New York University, Norwich, Connecticut State, and Harvard met at the Commonwealth Armory and ran off their meet, while somewhere in the Middle Atlantic States, Army and several other colleges were doing the same thing, and so on in each section throughout the rest of the country. When each match is over, the results are sent to Washington, where the scores are verified, and the official winner of the national intercollegiate is announced. Navy was last year's intercollegiate champion, and it is quite probable that the Midshipmen repeated Saturday, for it was announced unofficially that they got a total score of 1357, which was higher than any other reported score. In recent years, Technology has been finishing fourth and fifth in the final ratings, and it is expected that they will finish in that approximate position this year.

Freshmen Are Promising

The Technology team has been finishing on the average about twenty

New England Rifle Champion



WILBUR P. FOOTE, '34

points behind the national champions. Next year, however, the team should be right up there battling for national honors, for this year's freshman team is the best that has been turned out in years. The yearlings have won fifteen out of the eighteen matches they have had this year, and they are still going strong. They lost two of the three matches by one point. Saturday they had a mail match with the Army Freshmen in which they amassed the wonderful score of 1383, which is in all probability a higher score than that which will win the National Intercollegiate. It is more than twenty-five points higher than Navy's varsity score in the championships. Prospects are certainly bright for the next few years, with these freshmen coming up, and with Coach McDonnell at the helm, Technology should make a great bid for the National championships. The Technology team's summary follows:

	Prone	Kneel'g	Stand'g	Tot.
Foote	97	98	87	282
Kiley	97	87	88	272
Hall	93	89	80	262
Crick	96	86	80	262
Shapiro	93	87	78	258
	476	447	413	1336

M. I. T. A. A. HOLDS ELECTIONS TODAY

Elections for the M. I. T. Athletic Association will be held this evening at five o'clock, and the officers to be chosen will take office a month from today. The offices to be filled are president, vice-president, and secretary, the treasurer already having been chosen, although his name will not be announced until the same time as the others.

The nominations are made by the Executive Committee of the A. A., and are voted upon at the meeting. Nominations may also be made from the floor by members of the A. A., which is composed of managers, team captains, and six other members of the Senior class. The results of the elections will be announced after the meeting.

Week-end Sports Results

Rifle
New England Intercollegiate, first place, with total of 1336.

Gymnastics
M. I. T. 29, Dartmouth 25.
Malden Turnverein 31, M. I. T. Freshmen 23.

Fencing
C. C. N. Y. 14, M. I. T. 4.

SPORTS COMMENT

Foremost among the week-end happenings is the surprisingly good showing of the rifle team in taking the Eastern sectional championship for the fourth time in six years. Wilbur Foote did some excellent work in taking the individual championship, and according to reports, he took his time about it. In the offhand shoot, last on the program, he usually raised the gun and lowered it again several times before he could force himself to fire. Foote and Henry Kiley, last year's individual star, furnished a novelty by swapping their scores of a year ago. Kiley won the 1932 match with 282, while Foote garnered a 272, and Saturday the figures were just reversed.

The showing of the freshman rifle team this season seems to indicate that Coach McDonnell's worries next year will be comparatively few. With fifteen victories and a total of 1388 in a recent match, the team is the best freshman combination in years. Returning to the intercollegiate, we note with satisfaction that Harvard was notably worse than the Engineer team. In fact, the Crimson gunners finished last with the sorry total of 901, thus greatly adding to the joy of the Beaver triumph.

Crew practice at the Institute is being brought to the public's attention, what with a newsreel, now running at the Fenway Theatre, showing the boats in action for several minutes. A couple of launchings are depicted, as well as a rear view of Bill Haines shouting directions through a huge megaphone. Then there was the recent crack-up with a Harvard shell, which found space in several Sunday sports sections.

It is rumored that Haines is about to make a big change in his varsity boat. The so-called third varsity crew has beaten both the varsity and the jayvee boats several times during recent practices, and a change seems very likely at this time. Four weeks remain before the race with Navy on the Severn.

The gym team sprang a big surprise over the week-end by downing Dartmouth in a close meet at Walker. The Big Green, however, retained second place in the league in spite of the defeat. Dave Treadwell, who with Ken Bissell has been a consistent high scorer, had some really hard luck. His good performance on the rings was overshadowed by the great work of Purcell of the opponents, and he slipped on the parallel bars when he seemed headed for first place. Bissell gave his usually high class exhibition and easily took his event, the side horse.

Technology's representatives at the wrestling tourney, Marderosian and Oshry, both had the hard luck to be eliminated in the first round. Team honors for the meet were taken by Oklahoma State College, the Alma Mater of Coach Jay Ricks.

STICKMEN TO OPEN SEASON SATURDAY

Face Boston University on Coop Field; Team Not Named By Coach Yet

The lacrosse team held its first and only practice game last Saturday on the Coop Field with the Boston Lacrosse Club, and Coach Robinson expressed himself as being pleased at the showing of various members of the team. The official season opens next Saturday against Boston University, whom the Engineers defeated last year.

The defense is the weakest phase of the team's game just at present, because of the graduation of several of the best men on last year's team. The most promising candidates for defense include Captain Ralph Geil, '34; Carl Wilson, '34; Charles Barrett, '34; Dick Gorman, '33; and Theodore Pomeroy, '35. Attack candidates include Edward Asch, '34; Edward Lockman, '33; Gordon Way, '34; Robert Forster, '35; Andrew Lufkin, '34; Kasmierz Winiarski, '35; David Mathias, '35; and Gerhard Ansel, '35.

Regular Goalie Is Back

John Dorger, regular goalie last year, will probably continue in his position this season. No center has yet been chosen to succeed Shorty Hale, but Bob Forster played well in that position the other day.

Coach Robinson may change the men around considerably before Saturday's game, and no definite team has yet been announced. However, the majority of the men will probably be Juniors, with some Sophomores also playing.

Coach Robinson is an ex-All-American lacrosse man, placing on that team in his Sophomore and Senior years at Harvard, where he was a star. He has had some experience at coaching, and this is his second year at the Institute.

CLEAN SWEEP IN ROPE CLIMB WINS FROM DARTMOUTH

Gymnasts Surprisingly Defeat Strong Hanover Team Saturday 29-25

INTERCOLLEGIATES NEAR

Technology pulled a surprise in intercollegiate gymnastic circles Saturday by defeating the strong Dartmouth team 29-25 and thus retaining third place in the Eastern Inter-Collegiate Gym Team League. A clean sweep in the rope climb put the Engineers in the lead, and in the final event, Jack Flaitz spoiled Dartmouth's chances of making it tie score by taking a second place in tumbling.

Ken Bissell of Technology continued his fine work on the side horse by taking a first place over two Dartmouth men, and Captain Ivan Getting displayed very good form to take another first in the high bar. The other first for the Engineers was in the rope climb, which Guy Barnett won in the time of 5.2 seconds. In this event Jack Flaitz and Larry Kingsland tied for second with 5.4 seconds.

Dave Treadwell was another prominent figure in the victory with a third in the parallel bars and a second in the rings, in which event he was beaten by a superb exhibition on the part of Purcell, Dartmouth ace. The other points garnered by Technology were from Dick Lewis's second place in the parallel bars.

The victory was all the sweeter in that it put Technology in third place in the league. Last year the Engineers placed fourth in the league.

The Intercollegiate Championships are to be held a week from Saturday at West Point, and Technology will be well represented by Captain Getting, Dave Treadwell, Jack Flaitz, and Ken Bissell. Getting took fourth place in the high bar last year while Treadwell took a fifth for the only scores in the Intercollegiate by present members of the team. The other points were scored by Captain Ericson of the 1931-32 team.

Murder By Proxy

The Taylor Echo reports that an enterprising dealer in electric wares hangs out the following sign: "Don't kill your wife with hard work. Let our washing machine do the dirty work."

1933 LACROSSE SCHEDULE

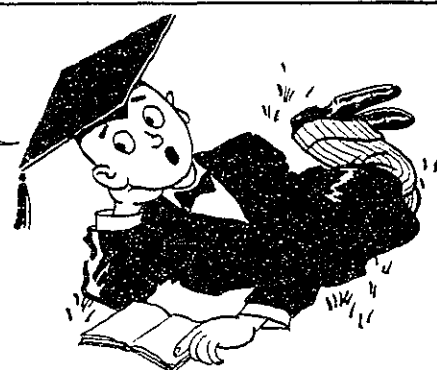
The lacrosse schedule for the 1933 season as announced recently, is given tentatively as follows:

- April 1—Boston University at M. I. T.
- 12—At Harvard.
- 15—Tufts at M. I. T.
- 28—Dartmouth at M. I. T.
- 29—At New Hampshire.
- May 3—At Brown.
- 8—Boston Lacrosse Club at M. I. T.
- 12—Williams at M. I. T.

The freshman schedule has not been announced as yet.

How To Avoid BONERS

A CATARACT IS A TRAINED CAT



AND still they let him live! Even after he said a refugee was a man who took charge of prize fights!

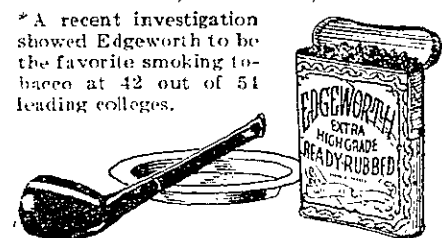
There's just one thing to do—and high time somebody did it. Introduce Bill Boner to a good pipe and good tobacco. A pipe helps a man get down to straight thinking. College men know, too, that there's one smoking tobacco without a rival. That's Edgeworth.*

Here's an idea. Fill your pipe with Edgeworth Smoking Tobacco and light up. Now—take a good long puff. Ever try anything like that before? Of course not, for Edgeworth is a distinctive and different blend of fine old burleys.

Buy Edgeworth anywhere in two

forms—Edgeworth Ready-Rubbed and Edgeworth Plug Slice. All sizes—15c pocket package to pound humidior tin. If you'd like to try before you buy, write for a free sample packet. Address Larus & Bro. Co., 120 S. 22d St., Richmond, Va.

*A recent investigation showed Edgeworth to be the favorite smoking tobacco at 42 out of 51 leading colleges.



EDGEWORTH SMOKING TOBACCO

CALENDAR

Tuesday, March 28
 All Day: Exhibition, West Lounge, Walker Memorial.
 5:00 P.M.—M. I. T. A. A. Meeting, North Hall, Walker Memorial.
 5:30 P.M.—Burton Dinner Club, Dinner, Grill Room, Walker Memorial.
 5:30 P.M.—Alpha Phi Delta Meeting, East Lounge, Walker Memorial.
 6:15 P.M.—Aristocrats Rehearsal, Faculty Dining Room, Walker Memorial.
 7:30 P.M.—I. F. C. Basketball, Hangar Gym.

Wednesday, March 29
 All Day: Exhibition, West Lounge, Walker Memorial.
 3:00 P.M.—Tectonians Rehearsal, North Hall, Walker Memorial.
 5:00 P.M.—Regular Walker Memorial Dinner, Faculty Dining Room and North Hall, Walker Memorial.
 6:00 P.M.—Elihu Thomson Dinner, Main Hall, Walker Memorial.
 7:30 P.M.—I. F. C. Basketball, Hangar Gym.

Thursday, March 30
 All Day: Exhibition, West Lounge, Walker Memorial.
 6:30 P.M.—Delta Omega Dinner and Meeting, Faculty Dining Room, Walker Memorial.
 6:30 P.M.—M. I. T. Rifle Team Dinner, and Meeting, Grill Room, Walker Memorial.
 7:30 P.M.—I. F. C. Basketball, Hangar Gym.

Friday, March 31
 All Day: Exhibition, West Lounge, Walker Memorial.
 5:00 P.M.—THE TECH News Meeting, North Hall, Walker Memorial.
 5:00 P.M.—Senior Week Committee Meeting, East Lounge, Walker Memorial.
 9:00 P.M.—Frosh Dance, Main Hall, Walker Memorial.

COMMUTERS NAME DINNER SPEAKERS

Professors Rogers and Magoun Will Address Association At Noon Luncheon

Commuters will hear Professor Robert E. Rogers of the English Department and Professor F. A. Magoun at their noon luncheons in North Hall on Wednesday and Thursday of this week. As usual, the luncheons will start at noon and will cost forty cents. Professor Rogers will talk Wednesday on "What Our Children May Expect". Professor Magoun's subject will be "Join the Commuters and See Life on a Railroad Train." He will tell how the commuters can get a practical lesson in the study of humanity during the time spent in going to and from school. He believes that all we have in this world is time, which we must utilize to the best advantage. Professor Magoun was formerly a commuter from Lowell and Quincy.

DORMITORY BOARD ISSUES WARNING

(Continued from page one)
 prompted the Dormitory Board to request that you call to the attention of the Residents of the Dormitories extracts from the General Laws of the State of Massachusetts and the Ordinances, of the City of Cambridge which are quoted below.
 "The Board feels that any student who encourages or participates in any demonstration which interferes with the rights and privileges of his fellow men, the public, the police or the firemen, whether on or off the Institute grounds, is unable or unwilling to live under a system of student government and support its principles. It asks the co-operation of every resident of the Dormitories in preventing any demonstration which in these times particularly would bring unfavorable publicity to the Institute and create an unfavorable impression as to the attitude of Dormitory men toward the privileges they enjoy.
 "Individuals who, as participants in a demonstration, become involved in difficulties with the civil authorities on or off the Institute grounds, will render themselves liable to additional disciplinary action (including possible expulsion) by the Institute authorities."
 (Signed) The Dormitory Board
 L. F. Hamilton, Chairman.

In the accompanying extracts from the general laws of the State and the ordinances of the city, were punishments ranging from fine and imprisonment for setting of a fire without a permit to 7 years in state prison for disabling a fire alarm system.
 Each Spring for the past two years dormitory men have had an "annual battle" with the Cambridge fire department over a bonfire built on the campus. The condemnation received from local newspapers and public opinion over the incidents is believed to be responsible for the present warning message.

NOMINATE PROCTOR TO HEAD ALUMNI

Allan W. Rowe Named Member Corporation For Term Of Five Years

The nomination of Redfield Proctor, former Governor of Vermont, for president, and Edward L. Moreland of the Boston firm of Jackson and Moreland, for vice-president of the alumni association of the Institute was announced today by Professor Charles E. Locke, alumni secretary. At the same time announcement was made of the selection of Dr. Allan W. Rowe, Boston, now president of the alumni association, Louis S. Cates, New York, and Harold B. Richmond, Winchester, for membership on the corporation of the Institute for terms of five years.

The corporation nominations, which are equivalent to election, are made to replace William S. Forbes, Lamont du Pont, and Dr. Frank B. Jewett, whose terms expire next June.

Grosvenor D. Marcy of Boston and Charles E. Smith of New Haven, Conn., vice-president of the New Haven Railroad, have been named to serve on the executive committee of the Institute for a period of two years. Representatives at large on the Alumni Council for the coming two years are Richard H. Ranger, New York; John J. Thomas, San Francisco, Calif.; Harry L. Noyes, Niagara Falls, N. Y.; and Charles R. Boggs and A. W. K. Billings, Jr. of Boston.

Mr. Proctor, who was graduated from the Institute in 1902, has had a distinguished career in business and government. He was Governor of Vermont from 1923 to 1925, president of the New England Council from 1928 to 1930, and is a life member of the corporation of Technology. He began his professional career as a mechanical engineer, and eventually became president of the Proctor Trust Company and the Vermont Marble Company. He is a trustee of Middlebury College and Vassar. His home is in Proctor, Vt.

Dr. Allan W. Rowe, for 12 years director of research at Evans Memorial Hospital in Boston, is a graduate of Technology in the class of 1901.

Mr. Richmond, treasurer of the General Radio Company in Cambridge, has been active in the work of the alumni association since his graduation in 1914.

SPEAKERS REVIEW MODERN THEORIES

(Continued from page one)
 One of the most significant exhibits will be the Thomson Recording Wattmeter, forerunner of the 30,000,000 meters now installed in homes, factories, and stores to record the amount of current consumed. Early types of lightning arresters will be shown, as well as Dr. Thomson's first electrical resistance welding transformer, a method which is now universally used in almost every branch of manufacturing.

Officers of M. I. T. Gridiron



W. RANDOLPH CHURCHILL, '34



JOSEPH L. SELIGMAN, JR., '34

Hidden Institute Life Disclosed In Gridiron Skits

Churchill, General Manager of THE TECH Is Elected President

Officers elected at the first annual banquet of the M. I. T. Gridiron last Friday were: President, William R. Churchill, '34, General Manager of THE TECH; Vice-President, Joseph L. Seligman, Jr., '34, Editor of T. E. N.; Secretary, Donald K. Lister, '34; Treasurer, E. Philip Kron, '34; and member at large, Walter L. Wise, Jr., '34, Editor of THE TECH. The members are selected from the staffs of the undergraduate publications.

The M. I. T. Gridiron takes the place of the Technology Chapter of Pi Delta Epsilon, National Journalistic Fraternity, that dissolved last fall because of its unsuitability to the needs of the undergraduate publications at the Institute. It is modeled after the National Gridiron in Washington which is composed of the foremost newspaper correspondents in the Capitol. At the annual banquet of this organization, a series of skits based on information known by the correspondents but withheld from publications are performed. In accordance with this, skits satirizing unpublicized incidents concerning student government, the administration, and the advisory council on publications were given by the initiates.

PLAN SECOND FREE SUNDAY CONCERT

(Continued from page one)
 the broadcasting of the Elihu Thomson Dinner on the same date.

Mrs. James Jack will be in charge of the pouring of the tea and assisting her will be the following matrons: Mrs. Samuel C. Prescott, Mrs. Horace S. Ford, Mrs. Vannevar Bush, Mrs. William T. Hall, Mrs. Walter Humphries, and Mrs. Bradley Dewey.

NOTED MEN GATHER TO HONOR THOMSON

(Continued from page one)
 New York, will speak for the electrical industries, while Dr. Harry P. Charlesworth, president of the American Institute of Electrical Engineers, will pay honor to the inventor in the name of the engineering societies.

The tribute of educational institutions, many of which have bestowed upon Dr. Thomson their highest academic honors, will be given by Dr. Vannevar Bush, vice-president and dean of engineering of Technology.

Dr. Harvey W. Cushing, the distinguished surgeon, will represent the various professions other than engineering. Mr. E. W. Rice, Jr., honorary chairman of the board of the General Electric Company, its former president, and one of Dr. Thomson's earliest associates in the electrical industry in Lynn, will speak for his friends and colleagues.

THOMSON INVENTIONS WORTH \$1,500,000

(Continued from page one)
 connections it has become the three-phase generator for alternating current, and was so described in the original patents.

As early as 1890 Professor Thomson entered the field of high-frequency alternating current. He devised transformers for such work and discovered the use of an electric arc for wireless communication. This was later applied by Poulsen as the "Poulsen" or singing arc. For years it was a common means for wireless transmission, and although replaced by electron tubes for commercial broadcasting, is still used widely in marine wireless.

One of Professor Thomson's great-

est inventions was the discovery of the electric arc. The welded surfaces are fused and united by the great amount of heat of the contact resistance. The method is becoming common today in building construction to replace riveting and its noisy accessory machinery.

President Karl T. Compton, in a recent lecture on the work of Professor Thomson, pointed out that he used the principle of tuned circuits years before it was known elsewhere.

Today Professor Thomson is undertaking one of the hardest tasks he has ever tackled. This is the construction of the great 200-inch reflecting mirror for the new proposed Mount Wilson telescope. Always enthusiastic about astronomy as a hobby, and possessing a private observatory, Dr. Thomson entered this work because of his knowledge of creating fused quartz.

The gigantic size of this mirror, four times as large as any now in existence, necessitates great strength and freedom from temperature changes. Quartz is about the only material which can fulfill both these requirements at the same time.

His background in this work comes because for the last nine years Dr. Thomson has perfected a method that permits formation of quartz by machinery instead of time-consuming glass blowing by artisans. The quartz is melted in electrical furnaces and forced under pressure into suitable molds. It is solidified under pressure, and the characteristic air bubbles are reduced so small that they are entirely invisible. Formerly a glass blower built up a piece by adding small bits of quartz under a blowpipe flame. Thomson's production technique has made possible the use of quartz lights for ultra-violet therapy in hospitals and provided the material for the quartz windows in Dr. Beebe's deep-sea diving bathosphere.

COLLEGE MEN WANTED

Millions of dollars in engineering contracts are being awarded weekly even in this period of depression. There is intense competition for available jobs, which means that you have got to PLAN YOUR METHOD of securing one. START EARLY—PICK YOUR GOAL—STICK TO IT. Your first step is to get the best available information about the work being done in your field; and you can do that by enlisting the aid of an organization which specializes in gathering such information.

The American Engineering Employment Service offers the 1933 technically trained graduates such a service for a period of six months from registration for the special price of ONE DOLLAR (no stamps). State your name, address, age, training, experience if any, position desired and where you wish to work. We will keep you posted for six months from your date of registration on proposed and recently awarded contracts, and in addition, when notice of openings in your line of work come into our Service Bureau you will be notified immediately. All information MUST be kept strictly confidential.

Several months usually elapse between the awarding of large contracts and the beginning of operations. Get in line now for positions which will be open during the early part of the Summer. Remember—START EARLY. THAT MEANS NOW.

Address, American Engineering Employment Service, College Graduate Office, P. O. Box 783, Albany, N. Y.

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