

## 11 FIRST PLACES FOR CRIMSON IN TRACK SATURDAY

Technology Beats Predicted  
Score—73½ to 151½  
of Opponent

### HOXIE IS FIRST IN 100

Jeppe Wins "220" But Loses  
To Crimson Leader in  
Quarter-Mile

Although the Engineers carried off first places in the 100, 220, hammer, and the pole vault, and secured more points than the Crimson in the dashes, 440 yard run, and the pole vault, Harvard had the point getters in the other events and sent Technology down to defeat Saturday at Tech Field by the score of 151½ to 73½. Coach Connor's men came through a little better than was hoped for as a number of Engineers placed in the third and fourth positions offsetting to a small degree the advantage of the University team.

True to predictions Jack Hoxie and Doug Jeppe carried away the honors in the 100 and 220 respectively, Jeppe breaking the tape a matter of inches ahead of Allen of the Crimson after he had put on a burst of speed in the last few yards. Major Sanford won the pole vault over his Harvard opponent by a foot, clearing the bar at 11 feet. Garvin Drew cleaned up the list of Beaver first place getters by tossing the hammer 146 feet ½ inch.

All the sprints were hotly contested affairs with the Institute runners fighting neck and neck with the Crimson, but the weights and the long runs spelled ruin for Doc Connor's team. Drew was the only Engineer to place in the hammer, and Harvard took all five places in the shot put. But for the running of Gif Symonds in the mile Technology would have been shut out of this event too, as Soapy Watters, Cutcheon, and Chapin had what was nothing more than a good practice race with Soapy winning in 4 min. 38 1-5 sec.

### Jeppe and Hoxie Place Twice

The two mile gave Harvard another work out and although Gubby Holt kept on the heels of the first four Crimson runners up to the last lap, he was unable to keep up the pace and gave way to Bryce in the final lap. Doug Jeppe and Jack Hoxie were the only Institute runners to score in two events; Jeppe took second in the 440 in addition to his first in the 220, while

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## MOVIES OF PETROLEUM INTRODUCED BY TOUGH

### Chief Petroleum Technologist Tells of Production

F. B. Tough, Chief Petroleum Technologist of the United States Bureau of Mines, introduced the movies of oil production shown in room 5-330 last Friday. He was introduced by Professor Waldemar Lindgren of the Department of Geology, as President Stratton, who was to have presented him, was called away.

The moving pictures were prepared by the Bureau of Mines with the cooperation of D. W. Griffith and a company of his actors, and of the Sinclair Oil Company. They were financed by Harry Sinclair, at a cost of several hundred thousand dollars.

### Drilling of First Well Shown

The pictures opened with scenes from Babylon and Egypt, showing the uses made by the ancients of petroleum. Its use through the ages was demonstrated, showing how Noah used it in their sacramental rites, and how aborigines of the Allegheny Valley used it as a hair tonic and liniment.

Scenes picturing the drilling of the first oil well were followed by pictures of modern production methods. The final scene showed the relative production of oil according to countries, with the United States far ahead of all competitors.

Perhaps the scene that received the most applause was one showing the introduction of kerosene lamps, picturing the anguish caused by its brightness on young couples who were used to candles.

# VARSITY CREW DEFEATS CORNELL BY TWO AND THREE-QUARTERS LENGTHS IN FIRST IMPORTANT CREW VICTORY

## SENIORS TO WEAR ACADEMIC COSTUME AT COMMENCEMENT

### Faculty Committee Makes Rule At Recommendation of Class Officers

## GIVE QUESTIONNAIRES OUT

### Exercises Held in Main Hall of Walker—Lunch Served in Du Pont Court

According to a statement made by the Committee of the Faculty in charge of commencement, it is compulsory that academic robes be worn at the commencement exercises and no one will be allowed to participate in the ceremonies unless he is attired in them. All men who are not present at commencement will be obliged to petition the faculty to have their degrees awarded at a latter date.

This action was taken by the faculty as the result of a motion which was passed by the officers of the Senior Class at a meeting last week. The motion reads as follows: "We, the officers of the Class of 1924, being convinced that the Senior Class is in favor of wearing academic costume at commencement therefore recommend that it be worn at that time."

### Exercises Held in Walker

The commencement exercises will be held in the main hall of Walker rather than in the Great Court as has been the usual custom. In order to induce the crowd to leave Walker and in order to distribute them more evenly throughout the grounds, the committee has planned a buffet lunch which will be served in Du Pont Court.

Since each member of the Senior Class will be restricted to two invitations to the exercises there will be an audience, including the Seniors and the Faculty of less than 2,000 people. The committee feels that if the balconies are used, this number can very comfortably be accommodated in the hall.

Blanket tickets for the Senior Week festivities will be on sale in the main lobby every day this week. The price is \$16 per ticket and admits the holder to every affair during the week, including the Senior Prom. If a man does not desire to attend the Prom the cost of the blanket ticket to him is \$8 while those who do not hold blanket tickets will be required to pay an admission fee of \$10.

### Questionnaires Distributed

Senior Questionnaires are now being distributed to members of the Class by the Senior Week Committee, each member of that committee having been given a packet of these questionnaires for distribution. Some of the questions are to be answered seriously and will be used to estimate the attendance at the various events.

Other questions are intended for humorous answers and will be used in compiling information for the Senior Booklet. In answering such inquiries the questionnaire directs "Read between the lines and answer these questions as you see fit."

## FINAL TEA DANCE OF YEAR HELD SATURDAY

This year's last tea dance took place in the main hall, Walker last Saturday, under the auspices of the Walker Memorial Committee. The dance lasted from 3 until 6 o'clock, and about 75 couples attended, most of whom arrived after the track meet. Hackett's Orchestra furnished the music. When the news of the defeat of Cornell by the Institute was announced there was a great burst of applause.

The patronesses were Mrs. H. S. Ford, Mrs. D. A. D. Ogden, Mrs. L. M. Passano, and Mrs. E. C. King.

## Here Is the Crew Which Won the Decisive Victory for Technology

Bow—G. A. Hamblet '26	5—Alfred Herckmans '25
2—D. C. Sayre '24	6—W. H. Latham '26
3—A. F. Horle '26	7—R. C. Eaton '24 (Capt.)
4—W. B. Coleman '24	Stroke—Cedric Valentine '26
Cox—R. E. Reid '24	

## GIVE RECITAL OF BULLARD'S SONGS

### Choral Society Renders Number of Compositions in 5-330 Friday

Singing before a small audience, the Technology Choral Society, under the direction of Stephen Townsend, gave a recital of the songs of Frederic Field Bullard '87 in room 5-330 last Friday evening. The society was assisted by George S. Dane, Baritone and Reginald Boardman, Accompanist.

Mr. Bullard is famous for the ability with which he sets the words of a poet to music and is known best at the Institute as the author of the Stein Song. R. A. Cram in an article on Mr. Bullard says of him that he had one marked characteristic, "the ability to merge himself with the man whose verses he was turning into music."

### Stein Song Closes Recital

Unassisted, the choral society, rendered a number of selections among which were "The Kavanagh," "Beam from Yonder Star," "At the Crossroads," and "Come Over the Sea," "Barney McGee," and "Swords out for Charlie" were sung by Mr. Dane and the members of the society.

Mr. Dane sang several solos among which were "The Sword of Ferrara," "I Love my Lady's Eyes," "My Mother," and "Here's Health to Thee, Roberts." The Choral Society closed the concert with the singing of the Stein Song.

Although a smaller audience was present than was expected the recital was considered by the society a success. From 35 to 40 members of the society were present. There will be a rehearsal next Friday evening at 5 o'clock in room 5-330. Officers for the coming year will be elected at this time.

## HANDBOOK SOON TO BE READY FOR THE PRESS

### Few Changes To Be Made From Style of Last Year's

Plans have been completed for the publication of next fall's issue of the T. C. A. Handbook, more popularly called the "T. C. A. Bible." Two thousand copies will be printed, of which 1000 will be furnished with leather folders. These are to be distributed gratis to all members of the class of 1928 and transfers and will be mailed about September 1, the remainder going to members of other classes who may desire them.

The arrangement has been somewhat revised to provide greater convenience but the general style is unchanged. The leather covers are embossed in gold with a large Technology seal. The write-ups will be the same as last year for those activities who do not hand in revised articles immediately, as the book will be put to press very soon. The total cost will amount to about \$700 and \$866 have been received as payments for advertising leaving a comfortable surplus that goes to the T. C. A. The contract for printing went to the Garden City Press of Newton. The Handbook will contain about 150 pages.

The staff of the Handbook is as follows: S. J. Helfman '24, General Manager; W. H. Adams Jr. '25, Business Manager; W. K. Dresser '25, Managing Editor; Chester Peterson '26, and G. L. DeLugach '25 and Sidney Gerber '27, Business Assistants.

## CHENEY LECTURES ON LABOR PROBLEM

### Employer's Attitude on Relation Between Capitol and Labor Given

"Each employer must find his own solution to the labor problem in personal relationship man to man, not man to mass," said Howell Cheney in a lecture given Friday on the employers' view of the labor question. He stated that there were no hard and fixed rules by which a labor policy could be defined.

Mr. Cheney compared the relationship between employer and employee to a partnership in which the partners often have antagonistic motives but can settle them by seeing the mutual obligations of each. He said that the obligations of the employer were to provide a safe place to work, safe tools, a training system, and compensation in proportion to the ability of the worker. He considers the production of as much product as possible of the highest quality possible, and the full cooperation with the management to be the employees' obligation in the partnership.

### Questionnaire Answers Compared

A comparison of the answers made by the student body with the answers made by 250 foremen at the Cheney plant on the questionnaire sent out last week was made by the speaker. While the students rated possibilities for promotion first, the foremen considered it less important than the character of management, the second choice of men at the Institute. Mr. Cheney agreed with the foremen's decision.

Other questions, especially those relating to steadiness of employment, better wages, and welfare work, were also taken up by the speaker. He considered rewarding the individual according to his merits, the plan followed in his own plant, the only settlement of the wage question, and the resentment of the employee toward the welfare work can be overcome only by having the employee pay for it himself or by having him realize that the company hopes to regain in increased profits all it spends in welfare work, and is not taking its cost out of the worker's pay.

## M. E. SOCIETY ELECTS BROWNING AND LAURIA

As a result of the election held by the Mechanical Engineering Society Harrison Browning '25 was elected Chairman; A. A. Lauria '25, Vice-Chairman; L. J. Davis '25, Secretary; and G. L. Witham '25, Treasurer. The two new men elected to the governing board were S. C. Freeman '25, and F. W. Greer '25.

## DELEGATES ARE SENT TO YALE CONVENTION

D. A. Henderson '25, General Manager of THE TECH, and J. P. Ramsey, Jr. '25, Managing Editor, went as delegates of THE TECH to the convention of the Eastern Intercollegiate Newspaper Association held Friday and Saturday at New Haven, Conn., under the auspices of the Yale Daily News. The convention began Friday morning and lasted through lunch the next day.

## ENGINEERS LEAD CORNELL OARSMEN FROM THE START

### Technology Never in Danger— Increased the Lead at the End

## SPLENDID RACE TO WATCH

### Varsity Had Plenty of Reserve Power to Give When it Was Needed

At last it happened. After going through the stages of development and performing in a mediocre manner since crew was inaugurated, Technology has at last made a place for herself in the college crew world. Coach Bill Haines' varsity defeated Cornell over a two mile course on Cayuga lake Saturday, and defeated them decisively, leaving no question as to which was the better eight. Almost three lengths separated Captain Eaton's boat from the Cornell shell when the Engineers crossed the line a winner in 11 minutes 6 2-5 seconds.

Saturday's victory marks the first time a Technology crew has defeated one of the recognized leaders among the college crews of the east, and definitely stamps Coach Haines' oarsmen as future contenders for eastern crew honors. Crew followers had high hopes for next season, few dared hope a victory this year against the crews scheduled, but Coach Haines turned the trick and what he said the other day has been the keynote of the crew's spirit. "We will not be satisfied until we win a victory, and after that not until we continue to win victories."

### Row In Borrowed Shell

Captain Eaton's oarsmen took the lead at the start, held it throughout the contest, and gained a little on Cornell on the final stretch of water near the finish. Cornell never threatened Technology; although they did try to put on a burst of speed during the course of the race, they were not able to keep up the pace. The Engineers appeared to have the advantage in everything except weight; they rowed better, had the reserve power when stroke Valentine called for it, and used good judgment as to putting over the final punch.

More credit is due to the crew because they rowed in a borrowed shell; they had only one day to get used to a boat in which they had never rowed before while of course Cornell had their own shell. Cornell was never dangerous as Technology used a higher stroke than the Ithaca boat throughout the

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## MEDICAL DEPARTMENT INOCULATES SOLDIERS

R. O. T. C. men who will attend summer camp this summer received the first of the inoculations given for typhoid and paratyphoid A and B Saturday afternoon. The crowd outside the medical department about 1 o'clock resembled one at a world series game, but the Medical Department wasted no time in completing its task. Some of the men were nervous about possible sore arms but the consensus of opinion was that future inoculations would have a more potent effect although some of the more pessimistic of the recipients predicted an unpleasant week end.

Another inoculations will be given the men Saturday and the third will come the following week.

## CALENDAR

Tuesday, May 13  
6:30—Class of 1908 dinner, faculty dining room.  
Wednesday, May 14  
6:00—M.I.T.A. banquet, main hall.  
Thursday, May 15  
8:00—Scabbard and Blade military ball, main hall.  
Saturday, May 17  
6:00—Radio Society banquet, north hall.

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In Charge of This Issue: Charles Rich '26

OWSLEY BOOKER ROBINSON

THE TECH extends the deepest sympathy to the parents of Owsley Booker Robinson '26, who died Friday, after an operation necessitated by complications from appendicitis which he had at the beginning of this term. He was loved and admired by all who knew him. His brilliant intellect, steadfast devotion to all his duties, and absolute integrity won him the highest respect during his short stay here.

Coming out for THE TECH in the fall of his freshman year, Robinson distinguished himself in one of the stiffest competitions known in several years. His ability and reliability brought him continual promotion, until he reached the position of Night Editor, which he held at the beginning of the term.

His untimely end is not only an irreparable loss to all his friends and to THE TECH, but has cut short what promised to be a brilliantly successful career. His achievements in scholarship and activities proved him to be a man of the highest capabilities.

OUR COMING FRESHMEN

NOW that this year is nearly over, the time approaches for the present Sophomore Class to commence planning a reception for the Class of 1928 when they arrive in the fall. The burden of teaching the freshmen the customs of Technology will fall upon the Class of 1926. We have few traditions outside of Field Day to hand down to them. We have, however, some songs and cheers that they should learn. Field Day creates a certain amount of class spirit, as there is bound to be some enthusiasm and rivalry, but it soon dies down. It is impossible to force the freshmen together by hazing as is the usual college method. Hazing is regarded as beneath the dignity of future engineers. An attempt was made this year in the Dormitories to get the new men out and to make them sing "Take Me Back To Tech" and "The Stein Song" under penalty of being doused with ice water if they did not know them. The results were very poor indeed. Few of the men knew the songs and the whole affair degenerated into a session of smutty stories. It should not be beyond the Juniors-to-be to think up some really good and worth while solution for this lack of spirit so evident in past years. How about it, 1926? Let's have some sensible ideas that will help the incoming freshmen to get acquainted with the Institute's customs, songs, and cheers.

YOUR GENERAL STUDY

SUPPOSEDLY, every man who is here at the Institute has every intention of becoming an engineer. An engineer's education by virtue of the short time allotted it, must necessarily be restricted to include only a few cultural studies. Yet even here, in every man's course of study, he finds some General Studies to be passed off before he can receive his degree.

There is too large a group of men on the type of the one who takes great care in selecting his General Study to see that it is the easiest on the list. Then after it is selected, he is careful to do only enough work to get him a passing grade. Tech men should realize that the educated man has a wide knowledge of things; that the true engineer is not restricted to the field of engineering alone. The great number of men who leave the Institute and do not follow their professions chosen here should serve as an example that the scientific studies are not the only ones that count.

Hence, it behooves every man to choose his General Study as carefully as his regular course has been chosen for him.

Have you done it?

Play Directory

COLONIAL: "The Thief of Bagdad." Douglas Fairbanks' imaginative fantasy. COPLEY: "The Truth About Blayds." Opening tomorrow afternoon. HOLLIS: No show. MAJESTIC: "The Highwayman." Joseph Schildkraut leading in romantic comedy. Good. PLYMOUTH: "Helena's Boys." A new comedy, opening tonight, with Mrs. Fiske. ST. JAMES: "In Love With Love." Comedy. SELWYN: Thurston the Magician. SHUBERT: No show. TREMONT: "The Ten Commandments." Movie. WILBUR: "The Dream Girl." Musical comedy opening Thursday evening.

HARVARD SHOW MAY GO TO EUROPE THIS YEAR

This year's Hasty Pudding Club show which has just completed its scheduled performances, may take a trip abroad this summer. No definite plans have been announced, but it is probable that the show will be put on several times in England. After the performances in England, the company will journey to the Continent, traveling through France and Spain without any further showings of their play. They will sail from Cadiz in time to make the beginning of college in September.

Student Conference at Silver Bay Lasts Eight Days—Meetings Held Every Morning



LAST YEAR'S CONFERENCE

Once again the opportunity of attending a Student Conference at Silver Bay is offered to Technology men. Contrary to the general opinion, the subjects taken up at these conferences are not of the Sunday School nature. The work taken up is fundamentally religious, but is essentially practical religion. It is the application of religion to every day life, to war, and to the labor situation that is stressed above everything else. Social problems and industrial relations are given their share in the discussions on current events by the ablest speakers obtainable.

A good chance is given at these talks to find out how the theoretical religion that has been drilled into us since childhood may be made to serve a real purpose if correctly put to use. Let the men who pooh-pooh the idea of religion having any real value spend the eight days at Silver Bay this year and find out that it can be made a worth while, two-fisted, straight-from-the-shoulder proposition.

The talks on present day problems cover international events of all sorts that in any way would be interesting to the students who form the audience. World affairs and the war question are taken up in a most interesting manner.

The conferences are all held in the morning, and the men have the afternoons to devote to athletics of all sorts. Lake George is known all over the country as one of the beauty spots of America, and affords unparalleled opportunities for hikes and swimming. For those who prefer organized athletics, baseball, tennis and track are offered.

A trip is made every year to Fort Ticonderoga, where the men have a

chance to see one of the most historically interesting spots in New England. Stunt Night, with its queer costumes, its yells and songs, and its "girls" produced by the dramatic associations of the various colleges represented at the gathering adds greatly to the hilarity of the occasion.

The expenses of the trip are by no means prohibitive. The cost of room and board for the eight days is 20 dollars. The railroad companies are giving special rates to delegates to Silver Bay. The cost of the return ticket is to be one and one half fares. A registration fee of seven dollars per man is added to cover programs, publicity, and so on. Many men cut down the travelling expenses last year, and incidentally added to the interest of the trip, by "bumming their way" to the conference.

A trip to Silver Bay is regarded by those who have been there as a great privilege. Opportunity is given there for the forming of many new and lasting friendships. A man has a chance to hear inspiring talks from some of America's best known religious leaders on up-to-the-minute themes. He attends thought producing group meetings on great religious issues, and gets special information on life work, plans, and opportunities. He gets authoritative data upon foreign conditions and problems. He rubs elbows with 800 college men from some 70 institutions. He competes with other colleges in swimming, tennis, baseball and track. He is instructed in leadership and organization, in community play and recreation. Lastly, he has eight days of healthful rest on a beautiful lake with all the advantages of a summer resort, but with far more freedom.

TEACH INTERNATIONAL RELATIONS AT HOPKINS

A School of International Relations to keep the knowledge of the people of the country up with the growing interdependence of the countries of the world is to be established soon, probably at Johns Hopkins University. It is to be named after Walter Hines Page, late ambassador to the court of St. James.

The project is being advocated by men influential in politics, journalism, and education, among whom are Edward Bok, Franklin D. Roosevelt, Admiral W. S. Sims, and President E. M. Hopkins of Dartmouth. The primary purpose of the school will be to provide opportunity for research and investigation of the fundamental conditions of international relations, and the publication of such findings as are believed to be of benefit to the world. The backers of the plan are endeavoring to secure the consent of Johns Hopkins to have the school connected with that university.

PENN ALLOWS SOME OF ITS STUDENTS AUTOS

Twenty-seven students at Penn State have been granted exemptions from the faculty ruling prohibiting the operation of motor cars by students. The use of the cars is limited to the purposes indicated in the petitions presented to the Dean and hence their daily use on the streets of the town is prohibited.

YALE INVENTOR PUTS MUSIC INTO FILMS

Dr. Lee DeForest, Yale '96, who has done a great deal of work in the furtherance of radio communication, gave a demonstration of his new "Phonofilm," a speaking movie, at Yale, last Wednesday. The Phonofilm is a device for the photography of sound on the same film with the visible action. The sound is reproduced by a special apparatus when the film is projected upon the screen, so that the moving picture and the sounds that go with it are perfectly synchronized. Demonstrations of this invention have been made in Washington before the President and his Cabinet. Yale is the first college to have the opportunity of seeing and hearing the work of her famous alumnus. Dr. DeForest is to give a series of lectures at Yale in the near future on general radio matters.

INSTITUTE COMMITTEE HOLDS BRIEF MEETING

Class and Activity Elections Receive Ratification

Ratification of the class elections and three of the activity elections was practically the only important business taken up at the regular bi-monthly meeting of the Institute Committee held last Thursday in the Faculty and Alumni room of Walker.

Election of T. E. N. Technique, and the M. I. T. A. A., which were previously approved by the Point System Committee were ratified and changes in the Executive Committee rulings were accepted. A motion was made to change a few rules regarding the increasing of a quorum from 12 to two-thirds of the members, fines for lateness and absence added, and to exclude the employment of proxies for more than two consecutive meetings. This motion was laid on the table until the next meeting.

A change in the list of standing committees of the Institute Committee was proposed which eliminates a few of the old committees, giving added duties to the Walker Memorial Committee and creating an Advertising Committee. Members absent at roll call were R. W. Head '26, L. P. Marsh '24, G. P. Davis '24, and W. G. Peirce Jr., '24.



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# SHOWING OF CREW PLACES TECHNOLOGY ON EQUAL FOOTING WITH THE LEADING CREWS

## CORNELL CREW NOT ABLE TO STAND GRIND

**Weather Conditions Were Ideal for a Race  
Cornell Man Breaks an Oar at the Start—Second Start Necessary**

(Continued from Page 1)

entire course, and when the Cornell crew raised the stroke, the Engineers did also, always keeping a safe lead over their opponents.

Coach Hoyle of Cornell was undecided whether to row his light or his heavy varsity against Coach Haines' crew, but finally decided to lay his hopes of victory on the heavy eight. So it was against Cornell's heavy crew that the Engineers lined up Saturday afternoon.

The weather was practically ideal for a race. The lake was almost as smooth as glass because New York had been getting some belated April showers and the surface of the water had been smoothed by two days of continuous rain. When the time came to race, a very slight breeze arose from the north which was practically behind the boats.

Referee Briggs, who rowed for Princeton years ago, called the boats together at the start. The eights lined up, and at the word of the referee shot across the starting line, the Engineers' shell, driven by powerful strokes, plowed through the water ahead of Cornell. But before the crews had settled down, the coxswain of the Cornell boat called for another start as the bow in the Cornell boat had broken his oar. On the second start, Captain Eaton's men took the lead again at the rate of about 40 strokes.

**Crew Raise Stroke**

The Cornell crew were rowing at a stroke not quite as high as Technology, but they were not able to gain any water over the Engineers. As soon as the boats really got under way, Capt. Eaton's oarsmen settled down with about a half a length lead over the Cornell shell.

The two shells continued in the same relative position for the first quarter mile or so; stroke Valentine of the Engineers keeping the oarsmen at the same rate of stroke. After the quarter mile mark was passed, Technology began to forge ahead, and gradually but surely, the Cornell boat was left farther

and farther behind. When the mile was reached the Beaver boat had a length of open water between it and Coach Hoyle's crew.

After the half way mark of the course was passed Valentine continued to send the crew over the water at a higher stroke and Cornell was not able to stand up under the increased rate of stroke which was demanded of her. The open water between the boats became wider and wider for the next half mile; the higher stroke of the Engineers began to tell on the Cornell crew and at the end of the mile and one half mark Technology had increased her lead to two lengths.

At this point of the race the Cornell stroke tried to raise the stroke in an effort to cut down the distance between the two boats and the Cornell boat did succeed in creeping up on the Engineers. But Valentine called for more power and the men responded immediately so that their shell shot ahead and picked up the distance that had been lost to Cornell. The men seemed perfectly capable of giving all the punch necessary to keep and increase the advantage over the Ithaca crew.

Again the Cornell boat increased its stroke but the Engineers did the same and secured a little more lead. As the boats neared the finish line in the last half mile or so of the course, Valentine called for still more power and the men responded again. When the shells crossed the finish line, Technology was almost three lengths ahead of Cornell.

All who watched the race congratulated the Engineers on their showing and the Cornell coaches Hoyle and Newman gave Coach Haines the warmest of compliments for the way the crew performed. The showing Technology made was commented upon by the followers of crew in the east who were present and the opinion seemed to be that a new opponent who was worthy of competing with first class crews was more than welcome in college crew circles.



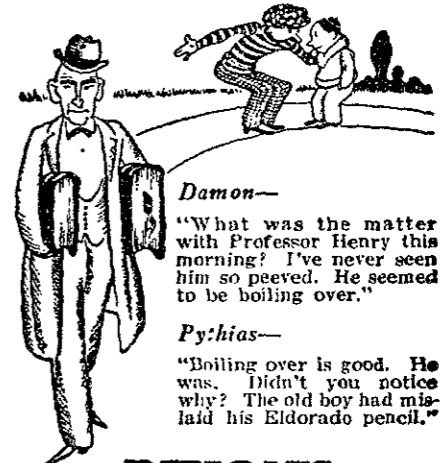
**CAPTAIN EATON**  
of the Winning Crew

**How Points Fell in  
Events of the Meet**

TRACK		
	H	T
100 yards	5	10
220 yards	7	8
High hurdles	9	6
Low hurdles	9	6
449 yards	7	8
880 yards	12	3
Mile	14	1
Two-mile	15	0
Totals	77	43
FIELD		
	H	T
Shotput	15	0
Pole vault	6	9
High jump	11½	3½
Discus	11	4
Broad jump	12	3
Hammer	10	5
Javelin	9	6
Totals	74½	30½
Grand Totals	151½	73½

**MERRIMAC GOLF TEAM  
DEFEATS TECHNOLOGY**

Saturday afternoon the Technology golfers met the Merrimac Country Club in an informal match. The Institute team failed to make their comeback and lost their third match in succession by the score of 11½ to 6½. Due to the unfavorable weather conditions the medal scoring of both teams was decidedly poor. Eight men made the trip to the Merrimac Club. Due to the absence of one of the Merrimac team the match was made a seven man affair.



**Damon—**

"What was the matter with Professor Henry this morning? I've never seen him so peeved. He seemed to be boiling over."

**Pythias—**

"Boiling over is good. He was. Didn't you notice why? The old boy had mislaid his Eldorado pencil."

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**Crimson Lunch**

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**Crew Sends Message**

**Causing Queer Slip**

Towards the end of the Harvard-Technology track meet Bill Robinson, announcer at the meet yelled through the megaphone the joyous news "that the Technology varsity had won from Cornell,—no particulars being available." On further inquiry however this rumor which had originated in a telegram, turned out to be without fact as the race had not yet been started at the time. The telegram was sent to the Boathouse from a member of the crew at Cornell as a sort of a last minute pat on the back for the crews going into the regatta. It read: "First over line, varsity." By some mistake it was construed to read that the crew had won, a wonderful bit of news which was verified a few hours after when the race was over.

**SATURDAY'S RACE TO BE  
HELD TODAY ON RIVER**

It was not until 6:00 o'clock Saturday evening that the referee called off the proposed races on the Charles. The decision was finally reached when it was obvious that the rough condition of the river showed no signs of calming. With the exception of the Columbia outfit, the same races are scheduled to be rowed this afternoon, if the weather permits. The races were originally scheduled to start at 4:30 o'clock on Saturday, but on account of the rough water it was decided to put off the affair for an hour in the hopes that by that time the condition of the river would be satisfactory. In the meantime automobiles had lined up all the way from the start to the finish line. The managers at the boat house were kept constantly busy answering inquiries as to the time of the start. It was the original plan to match the Tech and Harvard Freshmen in the first race, but as the time grew short their race was postponed until the last.

**ENGINEERS SCORE  
WELL IN DASHES**

**Fast Times Made in Spite of  
Handicap of Very Slow  
Track and Mud**

(Continued from Page 1)

Hoxie carried off fourth in the quarter afternoon unpleasant for both the athletes and the onlookers. Although the track was not seriously affected by the rain, the weight men and the jumpers had a tough time of it as the circles and pits soon became nothing but mud and slime.

**Jeppie Takes 220**

After winning his heat in the 100 easily, Jack Hoxie ran a beautiful final, beating out Robb of Harvard by the slightest of margins. His time was 10.45 seconds. Hoxie transferred from Amherst last year and has been steadily developing into a first rate sprinter. He won the interclass meet 100 and can be depended upon to be one of Technology's mainstays in the sprints. Joyce and Copley, taking third and fourth, gave the Engineers 10 points to Harvard's five.

The 220 sprint provided some of the best thrills of the day with Jeppie coming up and nosing out Bob Allen of Harvard at the tape. True to form Jeppie picked up on his opponent in the last few yards and fairly flew across the finish line. Hoxie came through in fourth place passing Copley of the Crimson.

In the 440 yard Jeppie had a tough proposition on his hands in the form of Bob Allen. At the crack of the gun, Allen got away to a good start, but Jeppie was not so fortunate as he made a poor one. Allen was leading the runners down the track by three yards after about 50 yards of the track had been covered, when Jeppie began to close up the distance between him and Allen. He put on a burst of speed and soon was right on the Crimson's runner's heels. In fact he picked up so well that he practically ran into Allen before he could get out of the naturally formed box in which he found himself. In doing this Doug lost his stride and about four yards in the bargain, but at the turn of the track he

was again almost on even terms with the Crimson leader. But before getting on the straightaway he lost some of his advantage, and although he fought tooth and nail on the home stretch, he came in a yard or so behind Allen at the finish. Howlett in third place and Davidson in fourth boosted up the Engineer's score.

**Fletcher a Double Winner**

In the 880 Bailey and Charlie Phelps placed for Technology taking fourth and fifth places. As mentioned Gif Symonds was the only reason that the Beavers were not shut out of the mile as Soapy Watters ran an easy race followed by three of his teammates.

Fletcher, who has won all his hurdle races for the Crimson this year, was pressed by Blodgett at the finish of the 120 high hurdle contest, but in the lows he won with ease.

**McArdle Loses by Luck**

Greenie and Caine came through in the discus for Coach Connor, taking third and fifth. McArdle could have had a place if he had allowed the distance of his throws to be measured but he passed the chance up and on his last throw he fouled. With the exception of first place, all the distances in the broad jump differed by only a matter of inches. Manion and Ballentine took fourth and fifth.

Garvin Drew carried off honors in the hammer by a 16 foot margin, and it was against a husky looking bunch of Harvard men that he accomplished the feat. Drew is coming along better and better and will be one of the Engineers' strongest bets in the New England. Harvard got the first two places in the javelin but Gerrard took third with 149 feet 10 inches, while Jiggs Rogers and Parkinson came in fourth and fifth.

**Summary:**  
One hundred-yard dash—First heat won by J. A. Hoxie (T); second, L. B. Copley (T); third, W. R. Chase (H). Time—10.3-5s. Second heat won by G. C. Joyce (T); second, L. L. Robb (H); third, D. D. Neiman (H). Time—10.3-5s. Final heat won by Hoxie (T); second, Robb (H); third, Joyce (T); fourth, Copley (T); fifth, Neiman (H). Time—10.4-5s.

Two hundred and twenty-yard dash—First heat won by R. B. Allen (H); second, J. A. Hoxie (T); third, L. L. Robb (H). Time—23.3-5s. Second heat won by J. H. Broom (H); second, D. J. Jeppie (T); third, L. B. Copley (T). Final won by Jeppie (T); second, Allen (H); third, Robb (H); fourth, Hoxie (T); fifth, Copley (H). Time—23s.

Four hundred and forty-yard run—Won by R. B. Allen (H); second, D. P. Jeppie (T); third, N. E. Howlett (T); fourth, L. E. Bunker (H); fifth, M. W. Davidson (T). Time—52s.

(Continued on Page 4)

**BRINE'S ATHLETIC OUTFITTERS**

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## RADIO MEN HEAR TALK BY LAMSON

**Champion Code Expert Tells of Experiences—Will Run Contest Saturday**

H. W. Lamson '15, an engineer of the General Radio Company, spoke Friday evening before a meeting of the M.I.T. Radio Society and the Commonwealth Radio Association in room 3-270. T. R. McElroy, world's champion at receiving code, was the other speaker.

Mr. Lamson reviewed the development of radio receiving technique from the days when there was nothing better for receiving than crystal detectors, up to the present time. This brought him to the modern tube sets, and he discussed the relative merits of the reflex and the super-heterodyne. He said there was much to recommend both circuits, but that the super-heterodyne offered the advantage of greater distance.

Mr. McElroy told how he got into the radio game, and described some of the experiences he has had as a radio operator. He will be in charge of the amateur code contest which will be held Saturday, May 17 at 5 o'clock, preceding the Massachusetts Radio Convention, which will be in north hall, Walker, at 6 o'clock. In his talk Friday, Mr. McElroy emphasized the fact that this contest is to be strictly for amateurs only, so that commercial operators will be excluded. The prizes in this contest, which will be the first purely amateur code contest held here, will consist of radio apparatus.

Word has been received by the M. I. T. Radio Society from American Radio Relay League headquarters at Hartford, Connecticut, that a number of men from there will attend the banquet Saturday. Tickets are on sale now, and may be obtained at Electrical Engineering Headquarters, as well as from officers of the society and by mail, as previously announced.

## MAY ISSUE OF T. E. N. TO APPEAR WEDNESDAY

**Articles of Technology Series in Last Number of Year**

Professor R. E. Rogers of the English Department is the author of the feature article of the May issue of the Tech Engineering News which will appear Wednesday. "Great Gatherings at Technology" is his subject and covers Technology's get-togethers since the early days of the Institute. It is the last of the Technology Series which has been running for the past year.

Other articles which will be in the current issue are on the "Cascade motor," application engineering, and the periodic reverse of the polarity of sunspots. A general discussion of the highway location will also be included in the number which is the last of the present school year.

## Questionnaires Show Thoughts of Seniors

The following are ten typical questions which are asked the Seniors in the questionnaires which are now being distributed:

1. How would you go about robbing the Coop?
2. How little would you marry on?
3. How many girls have you kissed?
4. What course made you swear most?
5. Would you marry for money?
6. Did you ever refuse your Co-op dividend?
7. Do you consider the boarding house to be the backbone of the nation?
8. Did you ever argue with a Prof? Who won?
9. Are you in love or are you engaged?
10. Do you think the Coop should sell booze?

## MINERS PICK LEADERS AT SMOKER WEDNESDAY

The Mining Engineering Society will elect its officers for the coming year at a smoker to be held in north hall, Walker, Wednesday evening at 7:30 o'clock. A president, vice-president, secretary, treasurer and a representative to the executive committee of the Combined Professional Societies will be nominated and elected at this time.

G. A. Packard '90 will deliver an illustrated lecture on the subject of "A mining engineer in Brazil," and will touch upon his personal experiences while serving in South American countries. He will show slides that he has never exhibited before. Cigarettes and refreshments will be served free during the evening.

## CATHOLIC CLUB HOLDS FINAL DANCE OF TERM

One hundred couples attended the Catholic Club dance held in the main hall of Walker Memorial last Friday evening. The music was furnished by Billy Lossez's orchestra. The matrons were Mrs. P. R. Giblin, Mrs. F. J. Hanley, Mrs. A. J. Keary, and Mrs. W. S. Scully. This is the last dance given under the present officers, as the elections will be held Wednesday.

## DARTMOUTH MEN PICK NEW CLUB PRESIDENT

Ralph Adams G. was elected president and W. L. Jones '25, secretary-treasurer for the year 1924-25 at a meeting of the Dartmouth Club on May 5. Dale Barker, Dartmouth '15, gave a brief report of the Conference of Class Secretaries at Hanover.

## CHEMICAL SOCIETY TO DINE THURSDAY

**Prominent Men to Speak—Musical Entertainment of Piano Duet Planned**

The Technology Chemical Society will hold a banquet next Thursday evening at 6:30 o'clock at the Copley Square Hotel, which is located at the corner of Exeter Street and Huntington Avenue, Boston. The committee states it has planned an exceptionally fine dinner and has arranged an entertaining program.

Dr. L. A. Platt, head of the chemical research laboratory of the Merrimac Chemical Company will talk on "The manufacture of Hydro-sulfides." Although he has not yet definitely promised to attend, the committee expects that Horace Atherton will be present to speak. Mr. Atherton, who is Registrar of the Essex County Probate Court, will tell of his experiences in making wills.

Musical entertainment will be furnished in the form of a piano duet by T. C. Patton '25 and R. A. Cowles G, and several members of the Tech Show cast will also entertain. Tickets are priced at \$2 for members of the Society and \$2.50 for others. They may be obtained at a table in front of Dr. F. G. Keyes' office in building 4 between the hours of 12 and 2 o'clock on Monday, Tuesday, Wednesday or Thursday, or from any member of the executive committee of the society.

## AMERICANS ENROLLED AT FRENCH COLLEGES

According to a report recently released by the American University Union there were over 3000 American students in France studying during the past academic year. Nearly two thirds of all those enrolled were in Parisian institutions, 429 of them being at the University of Paris. Besides the men in regular courses there are a number preparing for a doctor's degree and about 800 engaged in research work.

The Union maintains offices in both England and on the Continent to assist the American student abroad. Professor C. M. Gayley, of the University, is the tentative director of the British division for the coming year and Professor H. C. Lancaster, of Johns Hopkins University, will probably fill the corresponding position on the Continent.

## MEN WANTED FOR WORK IN N. Y. SETTLEMENTS

**Summer Service Group Composed of College Students**

A communication has been received by the T. C. A. from the College Summer Service Group in New York, telling of the need of 50 college men to carry on the work of the organization this summer. The work is done in settlements, churches, and Y. M. C. A.'s, and therefore gives a first-hand contact with actual social conditions and the efforts to improve these conditions.

Of the 50 men needed, 10 are to be chosen from New England; the others coming from all parts of the country. During the seven weeks through which the work continues, from June 30 to August 15, the living expenses of the members will be paid by the organization itself. Technology men who have joined the group in past years found the work very interesting and useful. All those interested are asked to call at the T. C. A. office for further information.

## COURSE VII GRADUATE WINNER OF \$500 PRIZE

M. B. Parker '23, a graduate of Course VII now doing research work at the Institute, has been awarded a \$500 prize in a contest for the best letters on the series of movies called "New England in Motion Pictures."

His letter, entitled "The Story of Grade A Milk," was picked as the winner of the second prize, in competition with all the letters submitted in the contest. When asked what he expected to do with the money, Parker replied that he intended to use it to make up "some of the deficit his college course has made in his treasury."

## SUSAN W. FITZGERALD VISITOR AT INSTITUTE

Mrs. Susan W. Fitzgerald, one of the two women members of the Massachusetts Legislature, with her son Leigh, a grandson of the late Rear Admiral J. G. Walker, U. S. N., visited the Institute Saturday morning. They were escorted through the buildings by Captain Elliott Snow of the Naval Architecture Department. They visited classrooms and laboratories and spent some time viewing the Clark Collection of Marine Prints.

## HARVARD TAKES ELEVEN FIRSTS IN TRACK MEET

(Continued from Page 3)

Light hundred and eighty-yard run—Won by A. L. Coburn (H); second, H. R. Kobes (H); third, F. A. Severance (H); fourth, A. B. Bailey (T); fifth, C. M. Phelps (T). Time—2m. 4-1-5s.

Two mile run—Won by W. L. Tibbetts (H); second, W. C. Harrison (H); third, J. H. Sherburne, Jr. (H); fourth, Leo Ryan (H); fifth, E. B. Boyce (H). Time—10m. 8 2-5s.

One hundred and twenty-yard high hurdles—Won by J. Fletcher (H); second, E. W. Blodgett (T); third, R. W. Ambach (T); fourth, W. McMasters (H); fifth, J. M. Potter (H). Time—16 2-5s.

Two hundred and twenty-yard low hurdles—First heat won by J. Fletcher (H); second, R. W. Ambach (T); third, E. W. Blodgett (T). Time—27 2-5s. Second heat won by F. P. Kane (H); second, J. S. Manion (T); third, W. E. Reyeroft (H). Time—27 4-5s.

Final won by Fletcher (H); second, Kane (H); third, Ambach (T); fourth, Manion (T); fifth, Blodgett (T). Time—25 4-5s.

Shot put—Won by C. A. C. Eastman (H), 44ft. 10in.; second, H. T. Dunker (H), 40ft. 3 1/2in.; third, E. W. Evans (H), 37ft. 5in.; fourth, J. M. Potter (H), 37ft. 1/2in.; fifth, R. H. Hallowell (H), 36 ft. 2 1/2in.

Pole vault—Won by L. M. Sanford (T), 11ft.; second, L. O. Coombs (H), 10ft.; third, tie among E. D. Lucy (T), C. W. Chen (T), M. W. Atwater (H), 9ft. 6in.

Running high jump—Won by R. L. Hyatt (H), 5ft. 9 3/4in.; tie for second between R. D. Gerould (H) and E. H. McArdle (T), 5ft. 5in.; third, C. Jenner (T), 5ft. 6 1/2in.; tie for fifth between E. W. Hemming (H) and J. A. Abbott (H), 5ft. 3 1/2in.

Discus throw—Won by C. C. Carpenter (H), 135ft. 8 1/2in.; second, R. H. Hallowell (H), 117ft. 5in.; third, C. R. Greene (T), 113ft. 2in.; fourth, M. R. Smith (H), 110ft. 9in.; fifth, G. G. Caine (T), 90ft. 8 1/2in.

Running broad jump—Won by D. L. Quirk (H), 21ft.; second, D. D. Neiman (H), 20ft. 8in.; third, R. L. Hyatt (H), 20ft. 7 1/2in.; fourth, J. S. Manion (T), 20ft. 1 3/4in.; fifth, R. O. Ballentine (T), 20ft. 1/2in.


Hammer throw—Won by G. A. Drew (T), 146ft. 1/2in.; second, P. E. Berglund (H), 130ft. 5in.; third, W. M. Snow (H), 116ft. 5in.; fourth, P. F. A. Altman (H), 113ft. 10 1/2in.; fifth, E. Burke (H), 109ft. 3 1/2in.

Javelin throw—Won by F. K. Kernon (H), 160ft. 1/2in.; second, F. T. Potter (H), 152ft. 5in.; third, T. E. Garrard (T), 149ft. 10in.; fourth, R. W. Rogers (T), 143ft.; fifth, T. W. Parkinson (T), 132 ft. 5 in.

Tibbetts and Harrison provided the thrills in the two mile. Tibbetts led the runners through the entire race, and his sprint for the last lap was something worth watching. But Harrison his teammate and one of Coach Farrell's new men made a great showing and stuck with the veteran to the finish.

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## Notices and Announcements

All notices for this column should be in by the morning of the day preceding the issue.

### OFFICIAL

#### LECTURES ON COURSES

Wed., May 14th, IX, General Science, Room 4-270, Prof. C. L. E. Moore.  
All talks are given at 5 P.M. and are open to all freshmen.

#### RECEPTION

President Stratton will be at home to members of the Senior Class on Friday, May 16, from 4 to 6.

### UNDERGRADUATE

#### EH THEMES

Seniors wishing themes written in English and History courses may secure them at room 2-285 any day between 9 and 12.

#### CATHOLIC CLUB

The last meeting of the Catholic Club for the year will be held in room 2-190, Wednesday, May 14, at 5. Dean Tabbot will speak and officers will be elected.

#### MILITARY BALL TICKETS

Will be on sale from Monday to Thursday this week, from 1 to 2 each day or may be purchased from members of Scabbard and Blade. Dancing will be in uniform. Arrangements may be made to have the price, \$2, taken from pay checks.

#### SENIOR WEEK TICKETS

Blanket tickets will be on sale in main lobby all this week. The price will be \$16 and covers everything.

#### A. S. M. E. MEETING

All members of the A. S. M. E. are invited to attend a lecture to be given by Mr. Moulthrop on "New Edison Station at Weymouth" in the chemical laboratory of Tufts College on May 15 at 8.

#### MINING SOCIETY

The election of officers for the Mining Society will be held at a smoker in north hall, Walker, next Wednesday evening at 7:30.

#### MUSCLE SHOALS LECTURE

Major S. C. Godfrey of the United States Army will deliver an illustrated lecture on "Muscle Shoals with Particular Reference to the Wilson Dam" at a meeting of the Designers Section, B. S. C. E., at the Affiliation Rooms, 715 Tremont Temple on May 14 at 6. Institute men are invited.

#### UNDERGRADUATE EMPLOYMENT

The Undergraduate Employment Bureau can supply tutors in any subject for the coming examinations. Apply at T. C. A. office.

#### CHEMICAL SOCIETY

The Chemical Society will conduct the last trip of the term to the plant of the Walter Baker Chocolate Company in Dorchester tomorrow. See Dr. Keyes' bulletin board for details and sign-up.

#### CHORAL SOCIETY

There will be a rehearsal of the choral society in room 5-330 next Friday evening at 5 o'clock. Officers for the coming year will be elected at this time.

#### INSIGNIA BANQUET

Annual Insignia Award Banquet will be held in Walker Wednesday, at 6:30. Tickets on sale today from 12 to 2 in main lobby.

#### RADIO BANQUET

Tickets for the Radio Banquet Saturday at 6 in north hall, Walker, may be obtained from officers of the M. I. T. Radio Society, or the Commonwealth Radio Association by mail, address M. I. T. Box 160, or at Electrical Engineering Headquarters. Price \$2.50.