

CLUBS ANNOUNCE UNEXPECTED POP CONCERT, DANCE

To Be Held Mar. 11 In Walker
With Admission Prices of
\$1.50 and \$.75

DANCING UNTIL 1 O'CLOCK
Special Student Performance
Is Substituted for Annual
Combined Concert

A pop concert and dance for the undergraduate body of Technology will be held in Main Hall, Walker on Friday, March 11, at the popular prices of \$1.50 per couple and \$.75 stag, according to an announcement from the management of the Combined Musical Clubs.

This unexpected social event has come about through a recent change in the program of the Clubs who were compelled to cancel their annual Combined concert and dance, held in conjunction with a New England college. This was due to the inability of finding a date agreeable to the musical organizations of either Dartmouth or Brown.

To have Three Hours of Dancing
Plans for this concert and dance, which is the only large undergraduate social function prior to Junior Week, include a concert by the Clubs with especial emphasis on the specialty acts of the Saxophone Quintette and the Glee Quartette with dancing to follow the concert from 10 to 1 o'clock.

This will be the first concert and dance held by the Musical Clubs in Walker Memorial since the Fall of 1924. Last year the Clubs gave a pop concert in Walker at the time of the All-Technology Phantom Dinner but there was no dance afterwards. To provide for groups who might wish to attend the concert in a body the management of the Clubs has arranged to reserve blocks of seats for those who will send in their requests to the office.

Rogers Notes

A petition has been recently circulated about Rogers at the instigation of certain Option 2 men to change the lecture hour in Architectural History from 12 o'clock to the hour following. The purpose is said to be the consolidation of the programs of the men so that their day is not broken up.

All well and good, but have they considered the fact that the lecture will be given immediately after lunch? A very noticeable tendency of the students to doze off under the soporific influence of the darkness and the uncomfortable seats will most certainly not be corrected for having had lunch preceding the lecture.

One of the big events of the year will be the Society costume ball this Friday night. The dance will have to go some to realize all that the words "Arabian Nights" mean. Swirling veils, concealing behind their flimsiness, laughter of the desert, the lowly felah and the noble sheik will rub shoulders in one grand attempt to make the "Thousand and One Nights" he one night in a thousand.

Surely the designs of Ornamental Columns, Decorative Doorways, and stairways do not represent what the Option 1 men are capable of turning out. Hardly ever has such a group obtained as many failures as the present collection in the Exhibition Room. Have the minds of the architects lost their fecundity? A cursory examination of the columns submitted show that it must have been the thought of acation that produced that collection. Nor do the Doorways of the Court of Justice show anything half so good as has been done before.

FRESHMEN TO DINE WITH DR. STRATTON

Officers and section leaders of the freshman class will be the guests of resident Samuel W. Stratton at his usual supper evening at 6:00 o'clock in an informal supper preceding the class smoker which will follow at 7:30 o'clock. The purpose of the gathering is to enable the men to become better acquainted with Dr. Stratton and to talk over the smoker and the remainder of the spring program of the freshman class.

Student Held up by Professor For \$100

Complete evidence has been secured that a gigantic hold-up scheme is being perpetrated on the students in the Institute by a prominent professor in the Chemistry Department, who is extremely well known to freshmen; Professor Edward Mueller, to be exact.

It is reported that a student recently entered this professor's office and asked the simple question, "Can sodium cyanide be made 99.5 per cent pure?" Professor Mueller wheeled around at this, according to the report, and answered, "Before I reply to that question, I must ask that you place \$100 in cash on this desk. I am usually paid for my services as a consulting chemist."

As soon as the student comprehended that the reply was perfectly serious, and that \$100 was actually expected of him, he went to the next professor's office, and half an hour later emerged with a complete explanation of the sodium cyanide problem, without the expenditure of a single cent.

Schumann Not A Great Artist, Is Whiting's Opinion

Thought Necessary To Get The
Best From Music, He
Tells Audience

"You cannot get the best out of music unless you do some thinking," said Mr. Arthur Whiting at the beginning of the second of the series of concerts given by him with the assistance of three of the artists of the Musical Art Quartet of New York last night in Room 10-250.

After a few other introductory remarks, Mr. Whiting proceeded to enlarge upon the subject of the evening, classical chamber music. To appreciate music we must first develop our powers of observation, and then pay attention to its style and form, he declared.

Music Like A Thesis

Mr. Whiting told of how themes are used in movements of sonatas and symphonies, constantly recurring, and discussed the various movements generally used. To illustrate his points, he played parts of the Quartet of Schumann. Music, he declared, was like a thesis: there was an introduction, then came the development of the central idea, and the conclusion was a view of the subject as a unity. He designated Schumann as one of the lesser artists because he could not follow a line of musical thought to its end; stray ideas would enter, and although the resulting music was beautiful, it was not a mark of good artistry. He mentioned the fact that to get a chord he wanted at the end of Schumann's Quartet, the latter had to use a note one lower than the lowest on the 'cello. He therefore instructs the player of that instrument to lower the pitch of that string one tone. "That," said Mr. Whiting, "is like increasing the size of a tennis court for your own purposes."

With Mrs. Marie Roemaet Rosanoff playing the violoncello, Mr. Bernard Oeko the violin, Mr. Louis Kaufman the viola, and Mr. Whiting the piano-forte, the musical program then commenced.

ARCHITECTS TO HOLD ARABIAN NIGHTS HOP

With hookahs going full blast, Arabian Shieks will whirl off with the ladies of their choice at the Arabian Nights Dance of the Architectural Society Friday night in the Exhibition Room at Rogers.

Instead of the music of flutes and drums so favored in the days of the "Arabian Nights," feet will be set to swinging by the more familiar music of the Hotel Kenmore Orchestra. Admission to the dance will be \$2.00 for members of the Society and \$2.50 for non-members. Tickets will be on sale today in the Main lobby from 12-2 and at the door on the night of the dance.

CRAFT TO REVEAL 'INSIDE DOPE' ON TALKING MOVIES

Noted Aldred Lecturer Will
Also Disclose Secrets of
Telephotograph

SERVED OVERSEAS IN 1918

Will Speak on "The Romance
Of Research in Industry" in
Friday's Lecture

Edward Beech Craft, executive vice-president of the Bell Telephone Laboratories, Inc., will be the speaker at the Aldred Lecture to be held Friday afternoon. He has chosen as his topic, "The Romance of Research in Industry." As has been the case in the past, the lecture will be held in room 10-250 at 4 o'clock, and is open to Seniors Graduates and members of the instructing staff only.

According to a letter from the speaker, he will describe the present-day trend of research as related to industry, and will use as examples incidents drawn from the electrical communication field. He will also describe the organization and methods employed in modern industrial research laboratories.

Will Discuss Talking Movies

Some of the "inside dope" connected with a few of the recent advances in the communication and allied fields will be told by the speaker, such as the stories of the Transatlantic Radio Telephone, the Telephotograph, and Talking Movies. This part of the lecture is expected to be quite extemporaneous and informal, and promises to be interesting.

Mr. Craft will be welcomed by the faculty at a luncheon, as has been the case with former Aldred lecturers, and in addition, an opportunity will be given the prominent undergraduates of the Institute to meet the speaker at an informal tea and reception in the Emma Rogers Room following the lecture. Invitations are being sent to activity heads, class officers, and other prominent students to attend this reception.

Mr. Craft was born in Ohio, and received his education in the common and high schools of Warren, Ohio. From 1900 to 1902 he was the superintendent of the lamp department of the Warren Electric and Specialty Company. In 1902 he entered the employ of the Western Electric Company in Chicago, in the engineering department, and rose to be the Chief Engineer in 1922. On January 1, 1925, he was elected executive vice president of the newly incorporated Bell Telephone Laboratories, which had formerly been operated as the engineering department of the Western Electric Company.

Was Major in the Signal Corps

Besides this work for the Western Electric Company and its offspring, Mr. Craft served as captain in the army from March 1917 to December 1917, and then as major in the Signal Corps from December 1917 to May 1918. Following this, he was Technical Advisor for the United States Navy, in London, from June to October 1918.

Cleveland Calls in Professor Turner To Revamp Its School Health System

Will Have Free Hand to Direct
All Health Education of
School Children

In the furtherance of Institute research in Public Health, a leave of absence has been granted Professor Claire E. Turner of the Biology and Public Health department, and health education expert, to allow him to take charge of the public school health education in Cleveland. His work will take him among 130,000 school children of the fifth largest city of the United States in an endeavor to educate the juveniles in the prevention and eradication of disease.

Professor Turner will be given a free hand in this campaign to create an efficient curriculum of health education which will take into consideration the lower as well as the higher grades of the public school. In his capacity as consultant, teacher's committees from every grade will be called

EXTRA Engineer Rescued 500 Harvard Men in Riot

Extra! One Engineer has been found to be implicated in the recent Crimson riot. Upon investigation of this matter, the startling discovery was made after a close examination of the battle ground that a lone engineer was the cause of the rescue from the police of five hundred sons of Harvard.

The Cantabrigian guardians of the peace were chasing several hundred loyal sons of Harvard according to a report, when the whole mob of frenzied Crimsonians suddenly dashed into their yard on the Harvard grounds and shut the gates, those marvels of engineering design, on the enraged police. Thus did an Engineer unconsciously rescue the Crimson rioters from the ravages of police clubs that were angrily being waved at them from the outside. As grateful as they were for the Engineer's achievement, it is rumored that no memorial in honor of its services will be erected to adorn the stout and stately structure. It is not known at this time whether or not the gates were designed by a Technology man.

MILITARY SCIENCE LEADER APPOINTED

To Assume Duties as Head of
Department, Succeeding
Colonel Hamilton

Colonel Harold E. Cloke of the Coast Artillery Corps will arrive at the Institute Friday or Saturday to assume his duties as new head of the department of Military Science and Tactics. He has recently been on duty with the Organized Reserves in Philadelphia and is now to replace General Hamilton who formerly headed the department.

Colonel Cloke is a West Point man, Class of 1897, and was originally commissioned with the infantry. A year later, however, he was transferred to the Artillery Corps where he has been ever since. It was in this branch of the army that he served in both the Spanish-American War and the World War.

Is Inventor of Plotting Boards

Specializing in coast artillery plotting boards as a hobby, Col. Cloke has done a great deal of research upon them and effected many improvements facilitating the protection of our rivers and harbors against enemy warships. These plotting boards are mechanical devices for computing the range and elevation of the coast defense guns trained on approaching vessels. He has invented and designed several new types and his latest achievement is a board adjustable to 360 degrees of the horizon and able to use data from any observation post. With this new board the necessary calculations can be made ten seconds after the observations are telephoned to the plotting room.

EXPECT 250 WILL BE AT FRESHMAN SMOKER TONIGHT

F. B. Collier, Cartoonist For
Boston American To Give
Chalk Talk

SHEPARD TO LEAD SONGS

Orchestra of Freshman Class to
Make Official Debut at
Smoker

Two hundred and fifty freshmen will gather in the Main Dining Hall of Walker for an evening's entertainment tonight at 7:30 o'clock according to the latest approximations of the Class Executive Committee.

Allan H. Stone, president of the class of 1930, will open the smoker with an introductory address, welcoming all the first year men to the affair. Since this is the first time that all the freshmen have met since the election of the class officers, Stone will introduce the officers to the gathering.

Cartoonist To Give Chalk Talk

Franklin B. Collier, cartoonist for the Boston American, will be the speaker at the smoker and will entertain the men with one of his chalk-talks. Mr. Collier is well known in the neighborhood of Boston for his humorous illustrated talks, having already given one to the Boston Chapter of the Technology Alumni Association.

For the purpose of rousing the spirit of the class, the program will be interspersed with songs and cheers. David A. Shepard '26 of the "Tunesters" will lead the singing while Robert W. Reynolds '30 has charge of the cheers. In regard to the latter, the section leaders feel that the freshmen are greatly in need of a class cheer and will be indebted to anyone who submits one.

Following the chalk-talk will be several reels of moving pictures, part of which will be a lively comedy, while the remainder will relate to Technology. To complete the program, refreshments consisting of ice cream, cake and coffee or cocoa will be served.

As an added feature of the program, an orchestra made up entirely of freshmen will play before and after the smoker and during the intermissions. The idea of a class orchestra is new at Technology and the freshmen musicians hope to establish a custom tomorrow night at their first official appearance as the orchestra of the Class of 1930.

SENIOR NOMINATIONS TO END TOMORROW

Candidates to be Proposed for
Marshalls and Committee

All nominations for the offices of Senior Week to be valid must be turned in at the Information Office from 9-12 o'clock Thursday according to the announcement by Robert G. Kales '28, chairman of the Elections Committee. The closing date, which formerly was Wednesday has been changed to give the Seniors more time to submit the nominations.

Members of the Class of 1927 will be proposed as candidates for the three offices of Marshall, and the twenty-five members of Senior Week Committee. The nomination blanks of those nominees for Marshall must be signed by at least 25 men while the blanks for Committee nominations need only have five signatures. Only men who are members of the graduating class may be nominated for membership on the Senior Week Committee.

Results of the nominations will be announced on Friday, and the elections will follow on February 23. As is the usual custom these elections will be carried on in booths in the Main Lobby.

CALENDAR

Wednesday, February 16
12:00—Sanitary Engineering Society, Luncheon Meeting, North Hall.
2:00—Prof. C. F. Park lectures before Ind. Oil Men's Ass'n of N. E. in Room 3-370. Open meeting.
6:30—Sanitary Engineering Society Dinner Meeting, North Hall.
7:30—Freshman Smoker, Main Hall.
8:00—Mechanical Engineering Society Smoker in Room 3-270.
Thursday, February 17
12:00—Sanitary Engineering Society, Luncheon Meeting, North Hall.
7:00—Faculty Club, Dinner Dance, Walker Memorial.
Friday, February 18
12:30—League of Nations Club, Luncheon Meeting, North Hall.

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THE TUTORIAL SYSTEM

AMERICAN colleges have developed a system of education entirely different from the English system from which it evolved. The principles of democracy and quantity production have influenced our schools, while England with its aristocratic background has specialized more particularly in developing the individual and his personality through what are termed in this country extra-curricular activities.

English colleges use the tutorial system and omit almost entirely lectures at which attendance is required. By this method a closer connection is established between the instructor and student and more allowance is possible for the individual differences of the students. During the term most of the time is free for athletics and activities for practically all studying is done in the vacation of two or three weeks which precede examinations. Much of the student's study therefore may involve personal research and investigation.

The American method has many advantages especially in the larger institutions where many students are studying the same subjects. Recently, however, in many schools the students have come to feel that activities and athletics should be recognized and allowed for in the program of the school. The grind or "brown bagger" is being unfavorably compared with the man who strikes a balance between his academic work and his other activities in the college world. A few colleges have inaugurated modifications of the tutorial system and others have given to certain groups notably upper classmen and those who maintain a high average in their work the privilege of attending only those classes that they wish to.

Harvard is at present considering the adoption of another feature of the English system, that of giving a week or possibly two weeks vacation before examinations. It is thought that such an innovation would give the student time to study thoroughly his subjects for the finals; rather than to be required to cram in addition to taking his regular classes and attending to his other activities during the last few weeks before mid-years or finals. It will be interesting to note whether the proposition, if accepted, will work as satisfactorily as in England or whether the American student requires an examination the next day to make him study.

THE RETURN OF THE DERBY

IN SOME fields of endeavor we make progress from year to year, ever advancing and perfecting past ideas and customs to the betterment of mankind as a whole. In other fields we seem to follow in cyclic paths a repeated sort of action and thus duplicate with only minor changes what was custom during an earlier age. In this latter class are such things as the many types of financial cycles—over which statisticians spend their time in an attempt to correctly forecast events in the money market—and certain tendencies in the style of clothing to which members of both sexes immediately make their obeisance.

Most of us can plainly remember seeing old tin-types of our fathers as young men, smartly dressed in the fashion of the "gay nineties" which then had to include a derby hat smartly cocked at an angle to the horizontal. Without this derby they were most certainly out of style and entirely behind the times. Following this period of popularity for the spherical headgear came a time of depression in the derby business which lasted up through the World War.

True it is that this type of skull adornment never went quite completely out of existence, but in later years the men who wore them were more often than not associated with certain classes of society. If a dramatist had to characterize a pugilist or a promoter he first found an Irishman, clad him in trousers, shirtsleeves and vest and then equipped him with a powerful stogy and a derby; or if he wished to depict the man about town he dressed his character smartly, added cane, spats, and here again the derby. Thus did the derby continue its existence in two planes of our social life.

Now we read that at a recent convention of the New Jersey Retail Clothiers and Furnishers Association, the principal speaker solemnly predicted that "derbies would come into vogue again before next Fall." Certainly from indications it would seem that this estimate was a very conservative one for already many of the more dashing beau brummels have taken favorably to the idea, thus ratifying the earlier decision of their fathers as to what took the feminine eye. Undoubtedly the custom is again upon us, and our present problem is that of erasing visions of promoters and pugilists from our mind as we greet each succumbing classmate in his new derby.

As We Like It

VANITIES

Boston is welcoming the Fourth Edition of the Earl Carroll Vanities at the Shubert Theater. In every way the production of this year is a success. The audience was kept constantly alert, to catch the jokes and funny situations. Indeed one couldn't turn aside a second without missing some feature of the kaleidoscope of color, the rapid fire banter of the comedians, the agility of the dancers. During the first act the audience seemed very dull, for half the jokes failed to register, although they were neither deep nor trumped-up. By the time the curtain was rung up for the second act, it had come to life, and from then on nothing escaped its notice.

To attempt to describe the settings would require a column—suffice it to say that they were numerous (some forty odd), artistically conceived, and gorgeously executed.

The comedy was ably upheld by the old favorites Frankie Heath, Johnny Dooley, assisted by Smith and Dale. The jokes were clever and above reproach—even a Boston audience could safely trust its ears to them, while silk and gauze furnished adequate protection for the eyes. Incidentally if you haven't heard a real good story you ought to hear that little reading by Johnny Dooley, entitled, "The Little Yellow Bird."

The dancing was excellent, the chorus, well-scheduled, and so the Earl Carroll Vanities laugh, joke, and dance their way to success in Boston town.

THE OPEN FORUM

THE CALUMET CLUB

To the Editor of THE TECH:

I am a transfer student coming from a small college which is bubbling over with school spirit—consequently the contrast between my former school and M. I. T. in that regard is very pronounced.

Although I have been at Tech only since last fall, I am firmly convinced that there is enough spirit at the Institute provided it is well organized and led to guarantee sufficient support to all our athletic teams.

There is, I understand, at Tech an organization known as the Calumet Club, whose purpose it is to foster better inter-athletic relations between the athletic teams coming here and our own athletic representatives, but to my knowledge this organization is dead from the neck up. Supposedly it is the duty of the above mentioned Calumet Club to lead cheering, but no cheering was done at the recent Harvard or Wesleyan basketball games under the direction of the Calumet Club.

My fundamental reason for writing this letter is to awaken the Calumet Club to action, consequently I am not signing my name, for if I did the Calumet leaders would be on my neck trying to justify themselves, and they would do nothing whatsoever to remedy the conditions mentioned in the body of this letter.

I hope that this letter receives a reply in action at the next M. I. T. athletic contest from the honorable loafers in the Calumet Club.

Cordially for a better Tech spirit, (Signed) A Transfer Student.

Play Directory

STAGE

COPLEY: "The Ghost Train."—There ain't no ghosts.
PLYMOUTH: "The Shelf."—Local decadence.
SHUBERT: "Earl Carroll's Vanities."—Reviewed in this issue.
ST. JAMES: "Alias, The Deacon."—Reviewed in next issue.
WILBUR: "Queen High."—Very good music.

SCREEN

FENWAY: "Hotel Imperial."—Poli Negri in an enigmatic picture. "The First Night."—Bedroom stuff.
MAJESTIC: "What Price Glory."—A gorgeous picture, we opine.
METROPOLITAN: "Paradise For Two."—Not Edenesque.
STATE: "Faust."—The revival of the fittest. "Nora Bayes."—With notes of note.

Thirst for information on timely topics resulted in the arrest of a student of Union Theological Seminary who joined a band of strikers in an endeavor to ascertain the feelings of a striker battling the police. It is evident that all kinds of hardships will be suffered for the sake of education.

Duke University plans to open its \$18,000,000 building campaign some time this summer and will continue a gradual development for a period of ten years. The officials of the institution have approved of the plan of the men's unit and are now waiting for the architects to submit the clay models of the buildings. The school receives its money from Duke, the millionaire of tobacco fame.

Vail Collection Has Great Number of Old And Valuable Scientific Books

Oldest Book is First Record of An Artificial Memory System

During the past summer it was discovered that the oldest book in the library was not the Margarita philosophia, printed in 1508 and bound in wood, but an unbound imprint of the press of Bernadino de Choris of Venice. It is Artificioza memoria, by Petrus Ravennas printed in 1491 and is probably the first record of an artificial memory system ever published.

The book was discovered by Mrs. Maynard, the Vail librarian, while engaged in research in order to find out more about the Vail collection of fifteen thousand books and eighteen thousand pamphlets about which new facts are frequently being uncovered. Its date places it as a valuable specimen of fifteenth century printing of great bibliographic interest.

Several hundred presentation copies of pamphlets with inscriptions by or to famous early electrical theorists have been brought to light this past summer. Perhaps one of the most interesting discoveries of the summer was the finding of two complete manuscript letters written in 1821 and 1822 by Ampere to Professor Van der Eyck of the University in which mention is made of the extremely remarkable experiences of Mr. Faraday. These letters also contain a complaint that there is such a lack of time that it is impossible to carry out all the experiments that he would like to.

Presentation Pamphlets Are Numerous

The presentation pamphlets include ones from Ampere to Monsieur Binet, from Samuel Hunter to Ampere. Christie was extremely liberal with his for there are no less than ten of his inscribed to Prof. Arago, as well as numerous ones to less noted individuals from 1826 to 1850. Among those from Faraday is one to Juney Barnard "from her affectionate uncle." This niece was a great favorite of the childless couple and it was to her that Silvanus P. Thompson went for material for his life of Faraday.

Of double interest is a copy of Maxwell's paper on Faraday's lines of force which is inscribed "to Professor Faraday with J. C. Maxwell's respects" which also bears on the cover the recipients autograph. There is also Professor Oersted's personal copy of Herschel's early papers and Professor Arago's copy of Sir Humphrey Davy's paper on the relation of electrical and chemical change.

Reprints formed a chain of communication covering the whole of Europe among the early experimenters. Many of the inscriptions on these are undecipherable since they are hurriedly written in old fashioned writing. Among those which are legible are recognized such names as Wheatstone, Henry, Ure, Burlew, Belli, and Michellotti.

The Vail collection is probably the largest collection of old scientific records in the United States or even in the world. It was presented to the Institute in 1912 by Theodore N. Vail, president of the American Telephone and Telegraph Company, who secured it from the estate of an English collector, Edward Deering. Due to its large size more facts are constantly being found out about the books and pamphlets that it contains.



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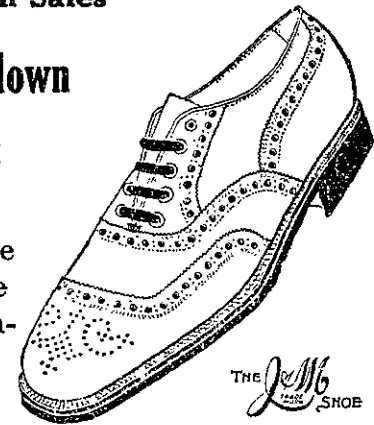
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COACH HAINES PUTS CREWS ON RIVER

McCARTHY PLEASSED WITH SQUAD'S WORK

In spite of the unsteady start made by the Beaver quintet in the Wesleyan game last Saturday, Coach McCarthy was well satisfied with the team as a whole. The four substitutes who were put in the game near the end of the second period did commendable work in their few minutes of play. Due to the keen competition in most of this season's games these men had little opportunity to lend their able support previous to Saturday's game.

The team didn't seem to find itself in the first portion of the game, but they were able to stage a snappy comeback in the last period. The defeat the Engineers handed Wesleyan was the second they had experienced this season out of nine games played. The first may have been due in part to the fact that Captain Jack, who is one of their star scorers, did not play.

EIGHTS GET OUTDOOR WORK FOR FIRST TIME

Open water enabled crew candidates to get out on the river for the first time this year, yesterday, when a large number of frosh and several Varsity candidates took a workout on the barge. About seventy or eighty men have been reporting daily of late, and now that warm weather is becoming more the rule than the exception, it is expected that this number will become even greater. Two Varsity crews have been picked, and over four boatfuls of 150-pounders are awaiting regular work in the shells. The number of freshmen is between forty and fifty. The most promising Varsity candidates include Mercer and Moore of

last year's Junior Varsity, Dolben, from last year's frosh crew, Donavan, another former JV, Malmquist, a Stevens College transfer who has never rowed before but possesses a good deal of natural ability, Collins, of the 1925 Varsity, Knight, of the 1926 Varsity, Zurwelle, 1926 frosh, and Karas, the captain, also a freshman oarsman last year.

Technology and Harvard crews are both forcing the season this year, for the Crimson oarsmen also got on the water this week. The only place locally available is about a half or three quarters of a mile up the river, and even here there is not a very great cleared space.

It seems to be the favorite pastime of Sabin Carr of Yale to break the indoor pole vault record. On Monday night at the annual New York A. C. games he soared over the bar to a height of 13 feet 9 1/4 inches. This mark bettered his old mark set last week in Boston of 13 feet 7 1/8, and even topped that made by Charley Hoff, the Norwegian star.

That Yale hockey team is certainly setting a fast pace for the other colleges to follow. Their latest achievement was the trouncing of a fast Williams sextet 7-2. Captain Larry Noble was of course the outstanding star of the game caging two of the goals unassisted. Incidentally Williams has defeated Dartmouth and the latter forced Harvard to the limit to win.

Beavers Take On Northeastern In Dual Track Meet

Coach Hedlund's Squad Ready For Opening Games on Saturday

On Saturday afternoon the first dual track meet of the 1927 Technology season will take place when the Engineers meet up with Northeastern University on the board track. For the first time in recent years the Huntington Avenue school is putting out a really good team, with the probable result that Saturday's encounter will be well contested.

Oscar Hedlund's week-end handicap meets have done much to build up the Cardinal and Gray squad and give the men the necessary confidence to go into a meet and win. According to previous agreement the relay teams of the two schools will not compete.

Technology will enter the meet with some excellent chances for first places in most of the running events. Pete Kirwin ought certainly to lead home the pack in the mile, while Ken Smith, holder of the board track record for the thousand, is expected to annex five points in his event. The high hurdles will see Captain Hank Steinbrenner and Joe Collins to the fore, and in the 600, Fay has been turning in great times and should press any of the Northeastern boys.

Interfraternity Bowling
Phi Beta Epsilon 976
Phi Sigma Kappa 960

EIGHT MEN TO MAKE TRIP WITH GYM TEAM

With only ten days left before the opening of the gym season Coach Pearson is calling his charges out every evening and holding practice sessions on Saturday afternoons in order that the men may be in the best possible shape. The initial meet of the season will take place next Friday, when the Engineers will meet the Penn team at Penn.

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Dr. Allan W. Rowe '01, Tells Of Athletic Policies of M.I.T.

To THE TECH, Massachusetts Institute of Technology, Cambridge, Mass.

Dear Sirs:
In response to your request for a statement concerning the athletic policies at Technology, I am very happy to submit the following brief outline.

We believe that the college athletics must have two primary objectives if they are to subserve the best interests of the student body. The first of these is the maintenance of the student health at the highest possible level. To this end exercise must be provided in the form of corrective gymnastics for those who fall short of the normal level, and equally recreational exercises must be furnished for those capable of indulging in them. Careful physical examinations form the basis of selection. Competition, as such, is encouraged primarily because it serves as a stimulus to exercise in those who would otherwise not be athletically inclined. The value of a sport is determined by the number of men it attracts and not by the record of successful competitive performance. This does not mean that we do not desire teams to win if they can do so by superiority of their strength and skill over that of their competitors. The emphasis is laid, however, on the playing of the game rather than on the winning of it. The fact that athletics are not conducted primarily for publicity purposes makes it possible, in largest measure, to carry out this program.

The second chief objective is to engender in the individual student a love of sport and a belief in, and adherence to the simple rules of clean sportsmanship, and to develop judgment, a sense of responsibility, and the power of self-control.

Technology occupies a unique position in that its entire athletic activity is under the direct control of the student body itself. This breeds independence of thought and action, tempered by the sense of responsibility. Finances are in the hands of the undergraduates; the money is secured by a system of self-taxation which the student body has itself developed. Managers prepare budgets for their fiscal year and an undergraduate committee allots the funds to each sport, preserving a just balance between the needs of the activity and the funds available. With the very limited amount of money which is available a glowing tribute is due to the efficiency of undergraduate administration that accomplishes so much with so little.

These two tenets may really be summarized in the words of "body building" and "character building." Alumni and undergraduates will both fall far short of their duty to the institution if they countenance any change which lessens the full realization of these two objectives.

ALLAN W. ROWE.

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NORWICH WRESTLERS HERE ON SATURDAY

Coach Greene put his wrestlers through a workout Monday in an endeavor to remedy some of the faults uncovered in the Yale meet last week. The schedule calls for another meet next Saturday, with Norwich here. Technology's outfit has a hard bit of work cut out for it if two matches are to be forfeited again. The Vermonters can usually be depended upon to furnish a lively evening's entertainment, and no notice has been received to the effect that this year's team is any weaker than usual.

It is hoped that a creditable number of spectators will turn out in support of the small squad of grapplers who have been unsupported by the school in every home meet this year.

What a surprise that Harvard hockey team sprang on the University Club Monday night! The Club sextet started off at a leisurely pace as if they were toying with the Crimson, but before ten minutes had elapsed, they knew that they were up against a real outfit. When the smoke of the battle cleared away the Cambridge boys were on the long end of a 6-3 score.

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Student Branch Of A. I. E. E. to Convene In May

Special Technical Session To Be Entirely For The Students

In conjunction with the Regional Convention of the American Institute of Electrical Engineers which will be held in Pittsfield, Massachusetts, May 25, 26, and 27, there will be a convention of the Student Branches of this organization on the last two days.

The Technical Session on Friday afternoon is to be given over entirely to the students. It is planned to have not more than two long papers and probably five or six short papers. The long papers are to be of a standard and character which will meet the regular A. I. E. E. requirements for a paper. It is planned to allow ten minutes for the presentation of each of the longer papers, and five minutes for each of the shorter papers. It is thought that the shorter papers might very profitably consist of notable and interesting Undergraduate Theses from the different Colleges. Graduate Theses would serve for the longer papers.

Papers Due April 15

Any student is permitted to present a paper upon an electrical subject. Any Technology man intending to present a paper should hand it in to Professor William H. Timbie or Constantine Bary '27 before April 15. Presentation of a paper does not entail attendance at the Convention as it may be read by a proxy.

After the Convention Banquet on Thursday evening, the time will be devoted to college stunts instead of having after-dinner speaking. The plan is not to limit the college stunts strictly to undergraduates since there are at Schenectady and Pittsfield a number of graduates of the colleges in this district and they expect to be called upon to co-operate with the students from their Alma Mater. Those who provide this entertainment will have the pleasure of attending the banquet without charge. Any one with an idea for Technology's stunt should communicate with Bary either in the offices of the Combined Professional Societies or in his quarters in the dormitories.

As was announced in a previous issue of THE TECH, any Course VI Seniors whose term work has been satisfactory will be excused from their final examinations if they attend the Convention.

PROF. PARK TO SPEAK ON ENGINES AND FUEL

Professor Charles F. Park '92, of the Department of Mechanical Engineering, will address the members of the Independent Oil Men's Association of New England in room 3-370 today at 2 o'clock. His subject will be, "The Fuel to Fit the Engine and the Engine to Fit the Fuel."

At the close of the address, the group will be shown through the Institute, and will inspect several of the laboratories. The meeting today is open to students, and in particular to those taking the third and fourth year Automotive Option. The meeting is scheduled during a class hour of fourth year men so that they will be able to have the opportunity of hearing the discussion of the fuel problems in the automotive industry.

ELECTRICALS VISIT L STREET STATION

This afternoon, members of the Electrical Engineering Society and any others who are interested have an opportunity to go through the L Street Station of the Boston Electric Illuminating Company.

Permission has been obtained to visit the Boiler House, the Turbine Room and the Switching Room. The equipment in this power station is of interest in that there are included the old style reciprocating engines and vertical turbines and some Gramme Ring generators which are used for arc lighting purposes. Admission to the operating rooms of the station has been denied to all in previous trips to this station.

TECHNICAL SOCIETIES WILL HOLD MEETING

A meeting for the discussion of Industrial Production and Transportation will be held by the Affiliated Technical Societies of Boston at Huntington Hall tomorrow. Following the morning and afternoon sessions, the Annual Engineers Dinner will be served at the Boston Chamber of Commerce.

Professor Edwin H. Schell '12, of Technology, will deliver a paper on the "New England Industrial Situation" at the first session. At the dinner the speakers will be Colonel Charles S. Gow on the "Limitation of Output" and Mr. Clifford S. Anderson on "New England's Regeneration."

FORUM RESULTS IN HEATED DISCUSSION

Superstition, Belief, Faith, Are Subjects of Speaker

"Superstition, Belief, and Faith," was the subject taken by Professor Clarence R. Skinner of Tufts for the first T. C. A. forum yesterday afternoon in the Faculty Dining Room; it also proved the subject of heated discussion afterward.

Superstition, according to Prof. Skinner, is the irrational acceptance of some figment of the imagination, some law, or somebody's statement. He pointed out that there has been superstition in science in the past as well as in religion.

Belief, on the other hand, is the rational acceptance of those same things which, irrationally accepted, are superstition. There can be belief only through testing, he said, and we must be willing to accept statements of authorities. The only difference between scientific and religious belief, he said, was that the former is objective, the latter subjective.

Add dynamic action to belief and we achieve faith, stated Prof. Skinner. The man who conceived the 110 story building in New York City had belief in it; when he drew up the plans for it, he displayed faith in the undertaking. Next in this series of leaders of forums will be Herbert C. Herring on March 2.

The University of Washington has added the Chinese language to its curriculum.

One of the chief inducements to attend college offered by Oregon University is the mixed swimming parties which are held there in the women's pool. Suits are furnished at the tank and life guards are on hand to make the parties safe.

Notices and Announcements

OFFICIAL

Reports on experiments performed in the Dynamo Laboratory during the first term of this year (or previously) may be obtained at the Instrument room (10-023). Reports not called for by February 28 will be destroyed.

UNDERGRADUATE

VOO DOO

There will be a meeting of all business candidates of Voo Doo in the office today at 5 o'clock. Please make a special effort to be present.

RADIO SOCIETY

Meeting in room 10-275 tomorrow at 7:30. Mr. James K. Clapp will talk on "Shore Wave Antennas."

S. A. E.

Officers and the chairmen of the committees of the M. I. T. Student Branch, S. A. E., will meet in room 3-467 tomorrow at 5 o'clock. These men must be present, as this meeting is the first conference of the Executive Committee.

GYM TEAM

Competition for freshmen and Sophomore Gym managers began Wednesday. Any man interested in a managerial position is urged to come out. Information may be obtained from the Gym team manager who will be in Walker gym every day from 5 to 6 o'clock.

MUSICAL CLUBS

Tickets for the Musical Clubs' Concert and Dance at Sargent's School, February 13, are now on sale at the Clubs' office, Room 310, Walker Memorial. Price is \$.75 each.

CREW

All Varsity crew candidates are to report at the boathouse immediately.

T. C. A.

Students who wish to dispose of text-books for this term's subjects should bring them to the front office of the T. C. A. immediately.

SENIORS

Those Seniors who have not as yet filled out their Technique Portfolio blanks should do so immediately at the Technique office.

RADIO SOCIETY

Radio messages to all parts of the United States will be transmitted free of charge for all students at any time. Place messages in letter box on bulletin board outside room 10-280.

Saturday classes have been abolished at the College of Business at Harvard with the beginning of the spring semester. However, the faculty have favored the new regulation with the reminder that the Saturday should not be wasted but should be employed in the preparation of written notes and reports.

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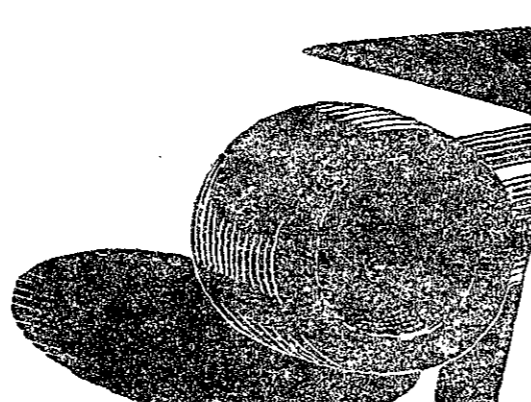
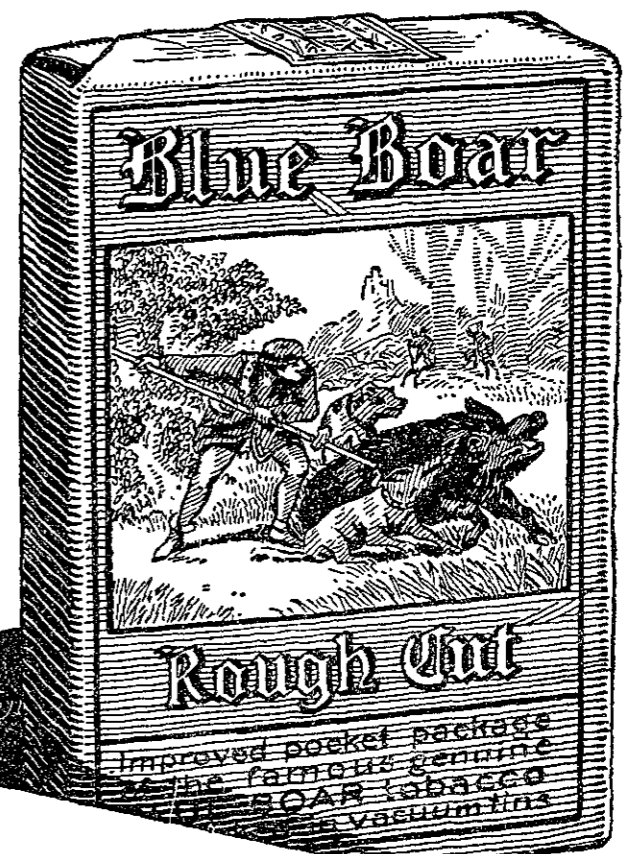
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