

MERMEN TO SWIM IN YALE TANK TONIGHT

Both Colleges Have Unbroken
Records for This Season—
Fight Sure To Be Close—In-
stitute Natators in Fine Fet-
tle

CHANCES OF WINNING GOOD

The Varsity Swimming team tackles the Yale natators at New Haven this evening in what is without doubt, the biggest intercollegiate swim in the East this season. Technology has remained undefeated for four years, this year having defeated Brown, Annapolis, Columbia College of the City of New York, while Yale has ranked among the foremost of the teams of the Intercollegiate Swimming league for the past six years and has also a clean sheet so far this season. The coming together of these two crack aggregations is considered by many to be an Eastern Championship meet.

In the relay race Technology will enter Captain Max Untersee, S. M. Bidwell, C. W. Seranton, and ex-Captain Foster who have performed consistently all season.

Yale's relay team will be composed of Captain Hincks, Tyler, Archibald, and Binney. This team came within two-fifths of a second of breaking the world's record in a meet with Princeton two weeks ago, doing 200 yards in one minute forty-two and two-fifths seconds.

(Continued on page 3)

PROGRAM COMPLETED

Mrs. Maclaurin To Be a Pat-
roness At Spring Concert

The annual spring concert and dance of the Combined Musical clubs will take place in the ball room of the Hotel Somerset Friday evening at 8. The concert will last till 9.30, and there will be dancing until 12 to the tune of Loew's orchestra.

A very attractive program has been arranged with many numbers of particular interest. The management has been fortunate in procuring Carlton T. Proctor '18, to render a xylophone solo. Features of the evening will be selections by Eksorgean '20 and W. T. Hedlund '20. The matrons for the occasion are Mrs. Richard C. Maclaurin, Mrs. Alfred E. Burton, and Mrs. Henry P. Talbot.

The usual lettering arrangement for facilitating exchange dances will be used. Refreshments will be served during the intermission. This year the concert will begin promptly at 8 and no reservations will be held after that time.

CIVIL ENGINEERING SOCIETY TO VISIT ARMY SUPPLY BASE

The army supply base on Summer St. extension, South Boston, will be visited by the Civil Engineering Society next Saturday afternoon. All Course I men wishing to take this trip should meet at the Civil Engineering Museum in Building I at 1.30 on Saturday, or meet the party at the gate of the army supply base. Prof. Swain will speak to the society on March 13 at eight o'clock in the north dining room of Walker Memorial, on the part which he took in connection with the Commission of American Engineers which has recently returned from France. The Civil Engineering society extend an invitation to freshmen to attend these meetings, and trust that they will take an interest in the society.

NOTICE FROM TECHNIQUE

All Wandering Greeks at the Institute should sign the official book on the Main Lobby Bulletin Board

FRESHMAN BANQUET

No tickets for the freshman banquet will be sold after Saturday, March 8. We want to see every '22 man there, so show some spirit, and get your ticket early.

EXECUTIVE COMMITTEE,
Class of '22.

RIFLE TEAM TO HOLD INDOOR MATCH THURSDAY AFTERNOON

The Rifle team will hold an indoor match on the Club's range in the basement of the Walker Memorial on Thursday, March 6. The results of this meet will be sent to the National Rifle Association, and the members hope to roll up a high score. The men who have been chosen to represent the club are Silver, Clark, Powers, Levine, Perkins, Hawes, Alland, Kearful and Bean. The results of the highest men for the week ending March 1 were Silver, 98; Clark, 95; Levine, 94 and Powers 94.

ALL HAIL! THE VOO DOO

New Publication Meets With
Great Success—All Copies
Sold

The long awaited Voo Doo made its triumphal entry into the Institute last Friday morning. Although fifteen hundred copies of the paper were printed, the issue was completely sold out. With this hearty reception the Voo Doo bids fair to be a great success. Voo Doo has descended from the Technology Monthly and the Woop Garoo, although few characteristics of the former are noticeable in the newcomer. In form, style, and purpose it is a reincarnation of the "Woop," and as such meets an important need in the life of the Institute.

The April Voo Doo will appear shortly after the mid-years recess. Material for this issue should be in not later than March 20. The management is on the look-out for new material and urges men who have ability along this line to try out for election to the staff.

PAUL LEONARD SPEAKS AT MONEY TALK LAST FRIDAY

The fifth of a series of lectures on Undergraduate Finance and Organization was held Friday afternoon at 5 in room 2-190. Professor Pearson was scheduled to speak on "Business Correspondence and Courtesy," but was unable to be present. Paul C. Leonard '17, who is conducting the course, filled Professor Pearson's place.

Mr. Leonard outlined the purpose of the Finance Committee. He said that twelve years ago certain members of the Alumni became interested in the growth of the Activities, and realized that the various organizations needed outside help, especially in the handling of their money. These men after much careful thought formed the committee, which consisted of twenty-five members, each one being the treasurer of an activity. The purpose of the committee is to control all expenditures and to pass on to the succeeding committee a complete set of records. In closing Mr. Leonard spoke of the valuable work which the Finance Committee does, and the service which it renders to the undergraduates.

The next meeting will be held this afternoon at 5 in room 2-190. Captain "Buck" Dorrance '12, will be the speaker.

PROF. GOODWIN PRESIDES AT COURSE XIV DINNER

The Juniors of course XIV held its dinner in the grill room of the Walker Memorial Thursday evening. Fourteen students were present to enjoy the dinner and the card games which followed. Professor Goodwin head of the department of Electro-Chemistry presided and in the course of the evening pointed out to the students the field that the electro-chemical profession offered to one trained in that branch of science.

ALUMNI GATHER HERE IN FIRST REUNION SINCE WAR

President Maclaurin Tells of Problems of Institute—Increase In Numbers of Students Brings Out Serious Difficulties—Tuition May Be Raised—Governor Coolidge, H. G. Morss, and W. G. Merritt Also Speak

TECH RELAY TRIMS DART- MOUTH AT B.A.A. GAMES

Turns Tables on Green and
White at Mechanics Building
—Averages Millrose Defeat—
Bawden Wins 660 Handicap

FAST TIME A FEATURE

Technology's relay team, which trailed the University of Pennsylvania and Dartmouth in the mile intercollegiate event at the Millrose games a week ago Tuesday, turned the tables on Dartmouth at Mechanics Hall Saturday night in a thrilling race. Ted Spitz '21, jumped into the lead at the start and held it over Jordan of Dartmouth until the last few yards when the latter handed a slight lead to his team-mate, who was overhauled, however, by Technology's second man, Jim Downey '21. McGoughran of Dartmouth was twelve yards behind when Downey passed the baton to Garvin Bawden '21. Rollins '21, who displayed fine form at the Millrose games, received the stick from him with a lead of fifteen yards on the last Dartmouth runner. Rollins travelled the last lap in fast time breaking the tape in 3 min. 12-1-5 sec., less than eight seconds behind the record for the relay.

The special 660 yard handicap run, a distance unusual for Boston indoor athletics, was captured by Bawden against a fast field of runners. He was the low handicap man of the nineteen contestants, starting from the eight-yard mark. After a brilliant sprint down the last short stretch to the tape he succeeded in beating out D. A. Mullen of Holy Cross, a fifteen yard handicap man, by a scant foot. Bawden's time was 1 min. 29-3-5 sec. The spectators had expected Ted Meredith to enter and consequently were somewhat disappointed when he failed to appear though the close outcome renewed their interest.

M. E. SOCIETY ASSEMBLES TONIGHT IN WALKER

The Mechanical Engineering society meets tonight in the North Dining Room of Walker to hear Mr. MacSkimmon speak. Mr. MacSkimmon is secretary of the Union Twist Drill Company and he is to talk on the development of this company, and of his personal experiences with it. The report on the membership is going to be given at this meeting. The officers of the society feel certain they have nearly 100 per cent of the men in Course II enrolled as members. Some day next week a trip is to be arranged to visit either the Ashton Drill Company or the Blake Pump Company. Both firms are situated in Cambridge.

JUNIOR PROM

Nominations for members of the Junior Prom Committee must have ten signatures attached and should be left at the Information Office before Thursday, March 6.

"War conditions, under which all have been laboring for the past few years, have greatly enhanced the value of Technology and technical educations in general in the minds of more than three quarters of the civilized world so that today our Institute stands forth with numbers which soon threaten to overflow and I wish to tell you that we are now facing a real crisis—our one real problem is money, the financial problem." Such was the statement of Dr. Richard C. Maclaurin speaking before the Alumni association at its first reunion since the war, held in the Walker Memorial building Saturday. Graduates of the Institute were present in large numbers as is always the case when Alumni affairs are in progress and an added attraction was in store at this meeting since the men were able to see for the first time the real utilization of their gift, Walker Memorial, for student activities. Henry G. Morss, president of the Alumni association acted as toastmaster at the dinner which concluded the day's program and among the speakers were Governor Calvin G. Coolidge and Walker G. Merritt.

STOP THIEF!

Crooks Play Relative Game To
Rob Institute Men

A new form of fraud is being tried among the students and faculty, some of whom have received calls from people who purported to be relatives or friends of some former students who are no longer at the Institute. The call is usually accompanied by a story of misfortune and appeal for money.

To take a particular case: a lady of good appearance called upon one of the faculty and stated that she was a cousin of a student who was here about two years ago, and who went into service. Her story was that she had come up from Maine to meet her husband who had been discharged from the service and was to join her in Connecticut, but she had lost her money

(Continued on page 4)

ORCHESTRA GETTING READY IN PREPARATION FOR SHOW

Through the efforts of the management and the director, William Howard, the M. I. T. orchestra is shaping into form in their preparation for Tech Show. It is expected that the Show management will take over the direction of the orchestra very shortly. Then the real work for the Show will start.

There was a good showing out last week and if present interest is kept up the former standards of the orchestra will not be broken. As it is at present, the prospects for a better organization than ever before look promising. A large crowd is expected out at the next rehearsal on Friday at 5 in the Walker.

CHEMICALS VISIT CAMBRIDGE GAS AND ELECTRIC PLANT

Sixty-three members of the Technology Chemical society visited the plant of the Cambridge Gas and Electric company last Saturday. The trip was conducted by Professor Phelan of the Institute. Arriving there the men were divided into two parties and under the guidance of the superintendent and Professor Phelan they inspected the method in which the city's gas supply is produced.

The plans which President Atwater hoped would materialize at the Smoker, which is to be held tonight, have not matured. However, a live interesting smoker is promised for this evening.

Dr. Maclaurin introduced his talk by a reference to the figures which President Morss gave showing a total of 3000 Technology men in active service of whom nearly 70 per cent are officers. "You should bear those numbers in your minds and hearts with pride," he said, "for they represent a splendid achievement. You should be proud of them and proud of your fellows not only for the number of their services but for their quality. Of course, you will keep in your hearts always the special need of praise and respect for that noble band of Technology Alumni who paid the last full measure of their devotion to the great cause. Inevitably in time you will raise a memorial to the mighty dead and while this need not be costly, it must not be paltry and it must not consist of anything that would easily go out of date; it must be imperishable like the fame of the men it is committed to memory."

INSTITUTE FACES GRAVE PROBLEMS

Turning to matters connected with the Institute itself, President Maclaurin said:

"As I am barred from looking into the past, I naturally look to the future. I want to tell you something of the problems of the future as they present themselves to my mind. I think one thing is abundantly clear—that the war has greatly enhanced the prestige of Technology. Technology alumni are men trained to do things, in the critical times such as those through which we have passed and are still to pass, the men trained to do things are the men most in demand. As a result of the war you will find, I think, that the types of education will be checked which lack fixity and clarity of purpose; and those institutions which seem to grow toward vague ends will cease to be attractive as before and they will constantly be rushed at the institutions, of which Technology is a type, that know very clearly or see very

(Continued on page 2)

CALENDAR

- Saturday, March 8
1.30—Civil Engineering society trip to Army Supply Base.
- Friday, March 7
5.00—Money Talk in Room 2-190.
- 5.00—Orchestra rehearsal in Walker Memorial.
- 5.00—Mandolin Club.
- 12.00—Technology Women's association luncheon.
- Rifle team indoor match.



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Copy for Wednesday's issue of THE TECH must be in the hands of the night editor not later than Tuesday at noon, and for Saturday's issue not later than Friday at noon.

IN CHARGE OF THIS ISSUE

H. D. Folinsbee, Jr. Asst. Night Editor
J. O. Bower Assistant

WEDNESDAY, MARCH 5, 1919

THE VOODOO

WE welcome the Voodoo as our contemporary in the field of undergraduate publications. The Institute most certainly offers an excellent field for a magazine of some sort and it seems to us that the Voodoo will, within a few issues fill the place admirably.

The humor in this issue is on the whole quite good. The clippings from others papers were well chosen but a few more original jokes would be an improvement. The idea of bringing in the theatres is all right but we would suggest that if a theatrical section be run that it contain a little more than just photographs.

The biggest room for improvement, however, is in the art. None of the drawing were especially good and some were decidedly poor.

But, considering that the issue in mind is "Vol. I, No. 1", there is no doubt that the men responsible for it deserve credit and THE TECH extends to them its hearty congratulations.

WHAT SHALL WE DO?

IN his speech before the Alumni last Saturday night which is printed in full in other columns of this issue, President MacLaurin presented the great problem which the Institute is now facing, the problem of caring for the enormous increase of students desiring to enroll at the Institute.

There is not an alumnus or an undergraduate that does not earnestly wish to see Technology the leader in every respect of all institutions of learning. There is one thing that will prove more of a setback to the attainment of this than nearly anything else and that is a limitation of numbers.

The present buildings were built to accommodate a little over two thousand students comfortably. Next year we shall have to begin to pinch and conditions will continue to grow worse from year to year until something is done.

As to the financial state, the average impression of a college is that high enrollment means prosperity. This would be true if the fees covered the cost of instruction. The overhead is constant while the cost of instruction mounts. A satisfactory condition for a college is to have its fixed expenses and overhead met by endowment and to have fee sufficient to cover the cost of in-

struction. This was Technology's state before the war. In the face of rising costs this is no longer the case. The cooperation with Harvard would have helped but is a thing of the past.

The Institute is up against a serious proposition. It cannot lower its standard. "Technology will never be satisfied with anything but the best in the field she has chosen." One needs hardly to mention the author of the statement, and comment is certainly superfluous.

It should not limit its numbers. There is only one other alternative. Expand. To expand, endowments are necessary and endowments come from the efforts of Alumni.

ALUMNI GATHERS HERE

(Continued from page 1)

clearly what they are trying to do and do it. There are nearly 2000 students at the Institute today, although the war is hardly over and there are scarcely any Seniors owing to the conditions which have already been described. If this goes on we shall have to face the problem not of 2000 but of 3000 or 4000 students within a few years. It is to the difficulties of that problem that I may presume upon your patience.

"The organization of Technology, adequate as it is to care for 2000 students, could easily be extended without any very large or proportional expense to care for three thousand students. The problem. This problem is curiously one real problem is money, the financial misunderstanding by the community and even by the Alumni but the facts are: The type of education upon which we are embarked has to be of the highest, so it necessarily costs more than any other type of education. You cannot produce a high quality of product on low costs, or the low costs that would be represented by any fees that are possible, unless you make your institution something for the very few who have the means to pay the whole cost. As you know, at Technology the fees are \$250.00 per annum. It costs for 2000 students about a million and a half dollars, being an average of about \$750.00 per student. Now, this doesn't mean, of course, that every individual student costs \$500.00 more than his fees; or, at least it doesn't mean that if one student goes away you save \$500.00 or if a new student comes in you lose it. Unfortunately things do not work out in that way and the reason is too obvious to mention to men of your intelligence. The fact is, there is necessarily a large difference between the cost of education and the fees that you can possibly receive.

LARGE ENDOWMENT NEEDED

Now, what would be a real satisfactory financial condition for such an institution as ours? It thinks it would be, say, if this state of affairs prevailed: If you had enough endowment money given you to pay for your buildings, equipment for those buildings and to maintain those buildings and equipment and take care of the overhead administrative expenses, and the fees simply large enough to cover the actual cost of instruction. That, I think, would be a satisfactory condition because it would enable you to settle the size of your institution with reference to the real needs of the Commonwealth, or the nation, and not with reference to the actual accidental circumstances such as those which would otherwise determine what you would do.

The condition which I have described was happily the condition of Technology before the war, but the war has changed all that, upset all calculations that were then made. Cost of instruction must be increased for you simply must meet the rising cost of living by some reasonable addition to the salaries of the instructors or suffer by what you fail to do. So, it has come about that through war conditions we are faced with the really difficult financial problem. These difficulties would have been slightly diminished if the plans that we had in mind some years ago could have been carried through. You will remember that only five years ago we celebrated with much acclaim the marriage between Harvard and Technology, and now we seem to be drifting towards divorce. That marriage was designed with only one aim—to exercise the utmost economy in the community in the use of funds that were available for this great end. Now we have actually proved that Harvard and Technology at least had the will to co-operate, and we have actually proved that Harvard and Technology professors could live together in peace and harmony. Unhappily the experiment didn't last long enough to bring home to many people who were interested in it some of the very fundamental facts in the relations; it didn't last long enough to bring home to many the significance of the simple arithmetical statement that Harvard paid \$100,000.00 per annum for its expense where Technology spent about \$1,500,000.00. However, it is useless to discuss such matters now. I have no such intention.

TUITION MAY BE RAISED

"We have to take the world as we find it and face the facts as they are. The fundamental fact today is that, if we are to meet the needs of the nation and the Commonwealth, as they seem to be expressed by the popularity of our system of education, then we need more money. I needn't tell you, because you know it, that these are poor times for getting money; yet we are going to try to get it, and if we do not succeed to the utmost extent of our hopes or expectations, it is possible that we may have to resort to the expedient of adding somewhat to the fees. That is at least something that we must consider, and I have already said that it would be a reasonable policy to pursue to raise the fees to such a price as to make them pay for the actual cost of instruction, everything else—the "everything" is a large figure—being provided from endowment. If we raise the fees, I hope something will be done by way of additional scholarship endowment to take care of that large body of deserving men, able men who cannot afford higher fees and whom it is highly desirable in the interest of the Commonwealth and nation that we should have within our midst. If we fail to secure all that we need, then there is only one thing for us to do—we must limit our numbers. It must always be borne in mind that unless we have adequate endowment or adequate fees, we cannot possibly grow in numbers without lowering the standards of our education, and we must never do that.

LIMITATION OF NUMBERS CONSIDERED

"Now, I have presumed sufficiently upon your patience, but I would just like to add a word more with reference to the problem of limitation of numbers, for that too is a problem not without difficulties. It is easy to say, limit your numbers to 2000 or any other number, but to do it wisely is no easy task. One of the difficulties arises from the fact that no scheme which has yet been devised for settling entrance requirements is satisfactory. In the judgment of those who have had experience, for selecting the best men. The mere screwing up of the entrance requirements so many points doesn't do the trick at all. Also, the entrance requirements ought to be determined, not by some ideal theory as to what they should be, but by what the preparatory schools actually do and can do. If you raise your standards beyond that level you limit the school to just the very few who can afford special preparation for entrance. The hope of Technology in the future, as in the past, is to be able to attract men from all classes and all places so that it may be a real "university" in the original meaning of that very much abused term.

PRESIDENT OF ALUMNI SPEAKS

Mr. Morse, in his introductory speech gave an account of what the Alumni Association had done the past year, and what it hoped to do during the coming one. He spoke of the meeting as a house warming for the Memorial, and told how well the Alumni had turned out for the occasion. Next came the need of a field manager for the Association, and he recommended for the position, Mr. Gibbs, who is so well handling the Technology Bureau in Paris. With reference to the Bureau, he told what a real success it was, and stated it is doing so much good that even though the cost is one thousand dollars a month, it will be kept up throughout this year. A reconstruction of the Institute courses with a view to broadening them is to take place soon, and THE TECH feels that this change will prove popular with the students. Next Mr. Morse spoke of the fact that the classes of '18 and '19 had not yet been welcomed into the Association, and formally presented the class banners to the two Presidents who led their classes down the center aisle, by the speakers' table, and to one side where the banners were hung by the Presidents.

GOV. COOLIDGE COMPLIMENTS TECHNOLOGY

The history of the past year being finished, Governor Coolidge, rose, acknowledged the cheers, and spoke. He laid special emphasis on the need of educational institutions in Massachu-

sets, on account of her lack of natural resources, and complimented Technology on the success she had attained in her own field of work. As chief executive he gave the thanks of the Commonwealth, and of the Government for the help she had been with her aviation schools during the recent war, but said that this was to be expected from a school of Technology's quality and ardent patriotism. On the whole, he showed real appreciation, and wished the Institute the best of luck in its future work.

Governor Coolidge had mentioned the labor question in his address, and this subject was dealt with fully by the next speaker, Walker Gordon Merritt, a Harvard graduate and a well known corporation lawyer from New York City. Mr. Merritt was especially strong for arbitration before striking, and said that above all, no strikes should be launched against the Government. He gave as an example England, whose Parliamentary acts had more than once been influenced by fear of what the unionists might do. Strikes are necessarily injurious, and should be made impossible by agreements between employer and employee, is what Mr. Merritt felt, and he drove his point home well.

The evening had grown late by the time for the next speaker, Van Rensselaer Lansingh, and consequently, Mr. Morse noticing the feeling of unrest which had been growing, announced that Mr. Lansingh would not speak that night because of the late hour, and so he declared the meeting closed. Many regrets were expressed because of this but soon the hall emptied and the reunion had drawn to a successful close.

TECHNICALITIES

BY JIM

Our Danseurs Again.

Once more have our fanciful friends of frivolity flipped their sidgy feet and feasted themselves and their fascinating fussy females on the flourishing fandango. That is all English, and simply means that another Dorm Dance has made its entrance and exit. I have no particular comment to make on this particular Dorm dance: it seemed to all concerned to be extremely interesting, absorbing and engrossing. As usual, the danseurs had their eyes and mouth full of hair and their arms full of girl, while the poor danseuses had their feet full of shoes,—other people's besides their own. I do recall, however, a rather embarrassing question once asked me by a dainty little something draped in a chintz curtain and not much of a curtain at that—who once condescended to take in a Tech dance with me. After we had been there a while, about the ninth dance, she chirped into my shell-like ear. "Why are Tech fellows such odd dancers?" That was not just what she meant to ask, but, inexperienced tho' I am, I got her drift emphatically. With loyal valor I decided to save the school honor, so I cooed into her upturned, listening horn. "Why, because they dance so much with Wellesley girls." And, colloquially speaking, the beans were irretrievably split, because this fair lass happened to be a Wellesley jane. I never was very diplomatic, but I don't intend to be mayor of Boston nor the King of Sam nor anything else like that, so I should worry. Anyhow, the question remains.—"Why are Tech fellows such ODD dancers?" Well, not being a Bernard Shaw nor a Charlie Chaplin, I don't know. But for those who are interested, I would suggest an interview with the King of the Technology Military Science department. He undoubtedly knows more about extending tactics, reverse order, foot movements, and mass formation than anybody else around these precincts. The main point is to shed that disgraceful reputation. There are two ways of doing it: first, take in all the dances that come along, to wit, support the activities,—in this way you will get wise to the movement, the floor, etc. Or else, only go to one when you have to and then take someone about your own speed. Personally the first way appeals to me the strongest, because,—well, no special reason, but just because it does. Anyhow, it doesn't make a diff of bitterness because, as the Harvard kids would say, "Tis purely a matter of De usibus non es disputandum." No, those last few words are not Yiddish, but Hindoostani, and mean that you don't want to let any gink kid you about what you ought to like or do. Methinks that it is time to quit, so I'll shut off the hot air. Before closing, however, let me explain about last Saturday's Technicality: It was written for a special edition of THE TECH, but through somebody's slip-up, it got into the regular issue. Don't worry about its vagueness.

Finance Committee reports must be handed in complete to Chairman George H. Burt before Saturday, March 8.

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Management Has Definitely Decided on Name of Show—Rehearsals Going Well Under Haviland's Coaching

PRESENT CAST NOT DEFINITE

"A Doubtful Meeting" is to be the name of the Tech Show of 1919. The management reached a decision on the matter after considerable discussion, and the above name was chosen for its significance to the show. Just what this significance is the public will learn at the first performance.

The first rehearsal after the selection of the cast was held in the grill room Friday afternoon. Coach Haviland outlined the setting of the first act and, with a few chairs and tables pressed into service as scenery, proceeded with the rehearsal. Several members of the cast seemed to play their part with very little effort. E. W. Booth, as the popular young Bob Kent, is in a much better position to display his talent than he was last year as the singer of "I'm awfully, awfully fond of myself." G. F. Allen will have little trouble with the part of Hiram Standish. He can give his voice just the right degree of roughness and is evidently well acquainted with the type to play the part of the gruff old farmer to perfection. "Freddy" Britton is finding it hard to forget the tricks he learned last year in playing the part of the "quaint little Quaker miss" and to replace them with those of a real wild baby vamp, but if experience counts for anything he can be relied upon to repeat his last year's success with "Let 'er Go."

The poster competition is to be started this week and all those interested should meet J. G. Lee at the Tech Show office in the Walker Memorial, Thursday afternoon at one or five o'clock. W. S. Frazier is in charge of the scenery, and all those desiring to try out for this department should see him in room 12 of the Rogers building, Wednesday afternoon at five.

All music, both lyric and orchestra, should be handed in this week, as the management expects to close the competition shortly. If it is found that certain pieces are still desirable, however, an announcement will be made to that effect later.

Correction—Owing to a general misunderstanding it was announced that the cast was definitely selected. In reality the choice is still tentative.

YALE SWIMMING MEET

(Continued from page 1)

Yale will enter Binney and Archibald in the 50 yard dash. Binney has broken two Intercollegiate records this season in the Princeton meet doing the fifty in twenty-four and four-fifths seconds against Johnson of Princeton, who beat Untersee in the Intercollegiate last year, when Untersee placed second with Mayer, Yale's former captain. Technology swims Untersee and Scranton. Technology depends on Scranton in this number for he has done some fine work this season.

The Institute team should show up well in the one hundred-yard dash with Untersee and Biddell as entries, but they will have to travel some to beat Captain Hincks and Manning of Yale. Hincks' best time is one-fifth of a second better than Untersee's. This is expected to be the closest number on the card.

For the dive Yale has Benjamin, and McAlleenan or Bradley. Benjamin has placed first in every meet this season except the Princeton, and second in the Intercollegiate championships in 1917, while McAlleenan is the Metropolitan champion. Two of the following will constitute the Technology entries: Biddell, Purinton, Skinner or Ferdinand. The Institute team is somewhat weak in this event, although in the New York triangular meet Skinner placed second and Purinton third.

The 220 is Yale's weakest spot, wherein her strongest man is Hopkins who has not been pushed very hard this season. Technology's crack pair in this distance, C. D. Greene and H. C. Fish, should account for a few points here. The plunge will bring together Loeb and Boyce of Yale and T. J. O'Daly, Jr., and Stalbird or Bogovin of Technology. Both Loeb and Boyce are consistent sixty-nine feet plungers. Loeb placed second in the 1917 Intercollegiate, while O'Daly is counted on to do anywhere from 65 to 70 feet, although he is just recovering from a bad cold.

Special features of the meet will be a special 100-yard match race between Vollmer, former Columbia tank man, and Giebel; also a game between the Yale Polo team and the New York Athletic Club Polo team which is composed of ex-champions.

S. A. T. C.—THE MEMORY LINGERS

A lieutenant of the provost guard stationed at the Institute was having difficulty in making his company go through their drill with the specified snap and precision. "Get your mind off those releases and get on the job," he shouted. "You're out here to drill." Evidently the regulars and the S. A. T. C. did have something in common after all.

NOTMAN

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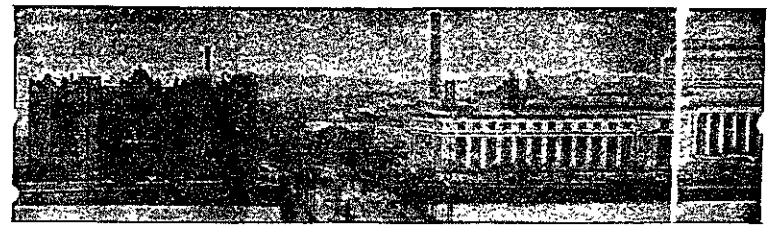
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SIGN-UP CLOSES

Techniquers End Campaign—More Informals Wanted

The Technique sign-up campaign closes tonight. The subscriptions will not have reached the full expectations of the board unless the last day of the campaign brings in a larger number of sales than the last few days. This fact may be largely due to the size of the freshman and Sophomore classes, but although there is probably a large number of men who have not signed-up and who do wish to have a copy of the edition, nevertheless unless they have their subscriptions in by tonight, their name cannot go down on the list. Subscriptions are being taken in the main lobby from 9 until 5 today. The Technique office will be open until 6 o'clock tonight. No subscriptions will be taken after that time however and the list will be turned in to the printer as it stands at that time.



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The board still wants more informal pictures and although a large number have been turned in since the sign-up campaign started, many more are needed. Every undergraduate, graduate and member of the instructing staff is invited to turn in any informal picture or snap-shot of himself or of anyone else. There will be no limit placed upon the number which will be used and the only requirement is that they have some connection with the undergraduate life and that they are good clear pictures, glossy prints preferred. If anyone has a good clever snap-shot of his room-mate or friend (the more informal the better) send it in to the Technique office, or if you have none and wish to have one taken special for Technique notify E. W. Freeman, the staff photographer and arrange a time and place for the sitting.


STOP THIEF
(Continued from page 1)

in the North Station, except for a little carfare, and that having no friends in Boston, she immediately thought that there might be some one who was a friend of her cousin who might be willing to help her with the necessary advance of funds to carry her to her journey's end. Investigation of these cases have shown that every time it is merely a well laid scheme to separate some Technology man from his money.

TYPEWRITERS RENTED

Visibles 3 months \$7.50 and up; rebuilt typewriters \$18 to \$75.

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ELECTORATORS CHOSEN

Committee For Technique 1921 Will Hold First Meeting Thursday

The Electoral Committee for Technique 1921 was elected this week from the Sophomore Class. Ballots were sent to each member of the Class of 1921 and of the six hundred sent out, over two hundred were filled out and returned. The purpose of this committee is to elect the editor-in-chief and the department editors of Technique 1921 which will be published next year. As this is a most important action, the members of the committee should begin immediately to give it serious thought, for on their decisions much of the success of their book depends.

The committee is composed of W. Adams, P. N. Anderson, W. R. Barker, G. Bawden, E. W. Booth, H. C. Button, D. F. Carpenter, E. P. Clark, L. W. Conant, W. Dean, E. Edwards, Z. P. Giddens, Jr., I. D. Jakobson, H. P. Jumod, F. B. Kittredge, W. G. Loesch, R. McKay, R. C. Poole, R. H. Smithwick, R. J. Spitz, D. E. Stagg, E. F. Stockwell, W. G. Waterman Jr., R. P. Windisch, J. N. Worcester, W. H. Young and M. M. Zoller. The first meeting of this committee will be held Thursday March 6th, in room 10-267, and it is important that every member be present.

SPRING CONCERT SIGN-UPS

Sign-ups will be redeemed in the main lobby, Wednesday, Thursday and Friday between 1 and 2.

NEW MACHINE INSTALLED.

A new Swiss testing machine has been installed in the Materials Laboratory in Building 1. This apparatus was made in Switzerland having been ordered by the Institute about two years ago but owing to war conditions was impossible to import it. The machine is used for testing the compression of bodies and is adaptable up to one million pounds.

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WAS IT!!!--WELL I'LL SAY IT WAS

Big Success Scored By Thirty
Third Annual Spring Concert
Held In Ballroom of Hotel
Somerset

250 COUPLES ATTEND

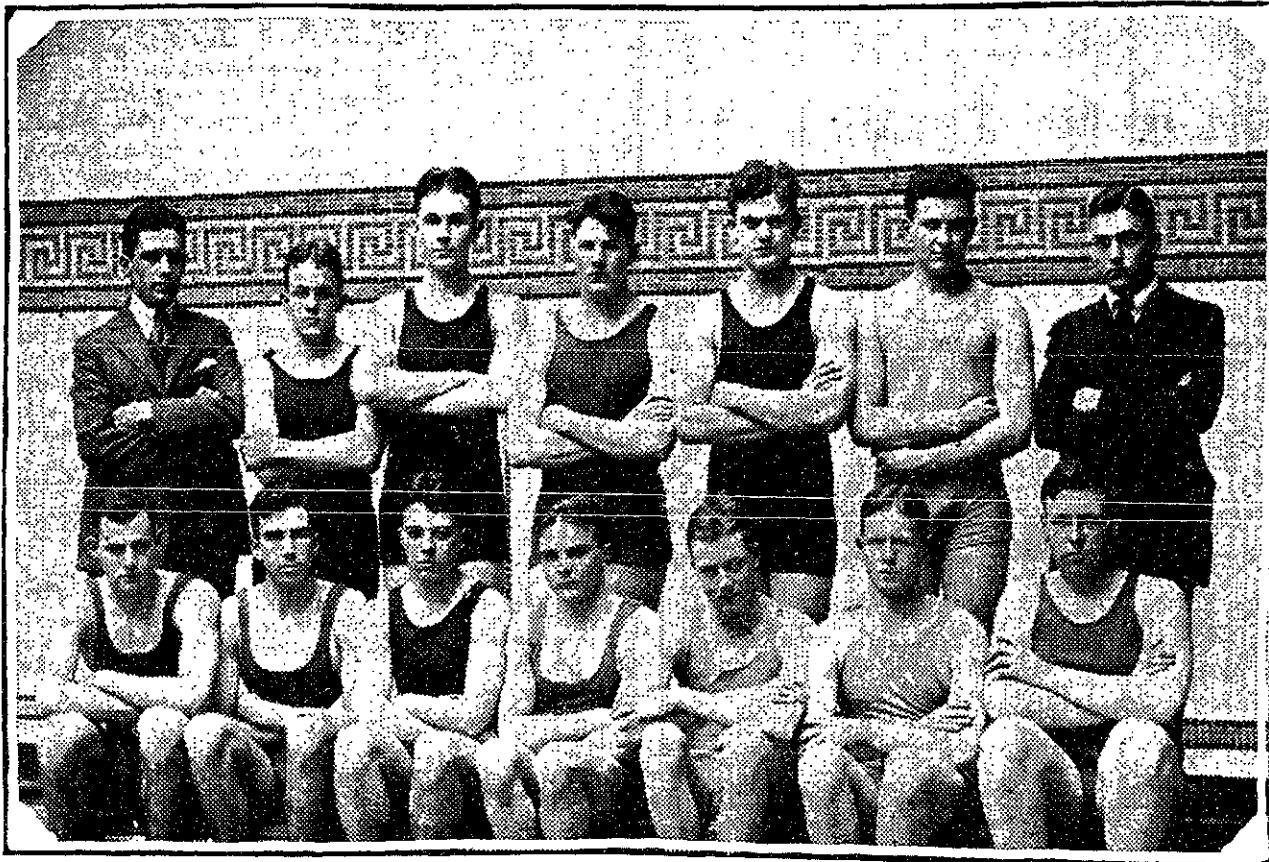
Last evening marked a brilliant spot in the activities of the Combined Musical Clubs. The event was the thirty-third annual Spring Concert held in the ballroom of the Hotel Somerset, with close to 250 couples attending. The affair was a complete success from every view point and manager George A. W. Smith '21 and his assistants deserve credit for the efficient way in which the concert and dance were managed.

The ballroom had every aspect of a gala affair, and was resplendent with gaily dressed and beautiful young ladies and artistic decorations. Lowe's orchestra surpassed itself in the way its toe-tickling tunes were delivered, and the evening passed altogether too quickly for everyone attending.

The evenings entertainment was opened with the concert of the Combined Musical Clubs, which, together with a number of interesting solos, lasted from 8 to 9:30 P. M. Proctor '18 was as good as usual, and the numbers given by the Banjo Club were especially good. The versatility of the entire program was well shown by the number of encores which the clubs were forced to give in response to the continued applause. The number of these had to be limited, however, owing to the fact that

(Continued on page 2)

Freshman Swimmers Bid Fair To Equal Varsity's Rep By Defeating Harvard In Tank



The freshman swimming team defeated Harvard '22 in the Boston Young Men's Christian Association tank last Saturday afternoon by the score of 30 to 23. It was a case of nip and tuck all the way, with the team tied at three different stages, and the points were 22—all at the start of the final event.

The relay was the most exciting contest of the meet, the result being a dead heat. Technology's divers proved to be too fancy for their opponents, Capt. S. M. Biddell placing first and Purington second. In the 220, H. C. Fish added a

few points to Technology's total by capturing a first. The Institute team lost ground in the plunge, where Stalbird took a second, for T. J. O'Daly was still among those absent with bad colds. When the final event, the 100-yard dash, was reached, the score stood a tie, but this was changed when Captain Biddell came in a winner with H. C. Fish at his heels. The summary was as follows:

Relay race—Dead heat, Harvard (Ratcliffe, Douglass, Ridley, Baxter); Technology (Fish, Rand, Rudderham, Biddell). Time—53s.
Dive—Won by Biddell, Technology;

second, Purington, Technology; third, Peters, Harvard.

Fifty-yard swim—Won by Baxter, Harvard; second, Ridley, Harvard;

third, Rand, Technology. Time—27 4-5s.

Two hundred and twenty-yard swim—Won by Fish, Technology; second,

Ratcliffe, Harvard; third, Robinson, Technology. Time—3m. 2s.

Plunge—Won by Peters, Harvard, 58 ft.; second, Stalbird, Technology, 57 ft.

8 in.; third, Kimball, Harvard, 50 ft.

One hundred yard swim—Won by Biddell, Technology; second, Fish, Technology; third, Baxter, Harvard. Time—1m. 2 4-5s.

TOUGH TUSSLE WITH TUFTS

Institute Grapplers Add Another Victory to Their Score

Last Tuesday night the Institute wrestlers met and defeated the strong Tuft's aggregation at Tuft's College. Although it was Technology's meet from the very start, it was characterized by fast work on both sides.

Barnard, the little freshman wrestler, started the Institute's winning streak by picking up his man in the 115 lb. class and throwing him in fifty seconds. Gordon '21 followed suit by a fall over Shea of Tufts, just fifteen seconds before the time period was up. Gordon pursued his usual tactics of wearing his man down the first five minutes of the bout and then working fast for a fall. Although Shea fought hard, Gordon was too strong, and the Tuft's man was thrown with a half nelson and arm hold. Butler '22 who has thrown all his opponents this year, was Technology's representative in the 145 lbs. event. With but little exertion, he threw his man in under four minutes by means of his favorite hold, double arm lock, and side roll, used with success in previous meets.

The best bout of the evening, however, was in the 158 lbs. event. Jack Wood '19, a veteran of two years standing, was opposed to Captain Ruggeri of Tufts. Ruggeri, in the Tufts meet with Harvard, wrestled two weights, throwing his man in the 175 lbs. class. Although overweight, he was permitted to go on with Wood, as a compensation for the cancellation of the 125 lbs. event, in which Technology had no representative. Both men fought hard from the beginning. Ruggeri was the stronger of the two, but Wood made up in speed and skill what he lacked in strength. At the end of nine minutes it was impossible for referee Davis to give a decision, so that two two-minute overtime periods were called. To the spectators, it seemed as if Wood had a

(Continued on page 2)

TECHNIQUE ENDS SIGN-UP CAMPAIGN WITH A RUSH

Subscriptions Run Over The Fifteen Hundred Mark.

The Technique sign-up campaign ended with a rush on Wednesday night. The total number of subscriptions has not yet been calculated, but the number runs over the fifteen hundred mark, and the management is thoroughly satisfied with the results of the campaign.

The results of the competitions for Sophomore and freshman editors, assistant editors, and assistant managers will be decided at the next meeting of the Technique 1920 board, and announcements will be made next week.

Informal pictures are still slow in coming in, and the board wants many more of them so that all the classes will be well represented. The idea this year is to make Technique an all-Technology production rather than the publication of one particular class, as it has been in the past. Any amount of informals will be accepted, and it is up to each man to place at the disposal of the board some good snap-shot of himself or his friends. Try to get a glossy print or a clear negative of the picture. Informals should be turned in to the Technique office in Walker, or to E. W. Freeman '20.

Where is that freshman who suggested that perhaps leakage on telegraph lines could be prevented by hanging drip pans under the insulators.

INFORMALS FOR TECHNIQUE

All Juniors, Sophomores and freshmen who are interested in having their pictures in the informal sections of their respective classes in Technique 1920 should hand in either snapshots or negatives of themselves to the Technique office or put them in unstamped envelopes and drop them in any of the Institute's mail boxes as soon as possible.

TIDE PROVES TOO STRONG

Swimming Team Meets With First Defeat In Four Years

The swimming team met with a little hard luck last Wednesday evening when it met with its first defeat in four years at the hands of the fast Yale team.

Every one of the races were close, so close in fact that it is thought by many that the meet was lost on poor decisions. For this reason the score does not represent the closeness of the competition.

The first event was the fifty yard dash, which was won by Binney of Yale, with Scranton of Technology a mere three inches behind. Untersee and Archibald were to all appearances tied for third place, but the decision was given to the latter.

The diving event was exceptionally close but again the Yale men were given the better of the decisions, and Skinner placed third for Technology. The poor decision took the life out of the team.

As usual the 220 yard race was very close, H. C. Fish of Technology managing to win by a hand's length by making a game sprint in the last few feet. Yale had the better of Technology in the plunge, and got two out of three places in the 100 yard dash, Untersee again losing a decision for third place.

In the relay race Biddell misjudged the turn and hit his head on the end of the pool thereby losing two yards in his lap which proved to be too much of a handicap to overcome.

The summary of events is as follows:

(Continued on page 3)

T. C. A. IN SILENT ACTIVITY

Although the T. C. A. has appeared quiet for some time, it has nevertheless been very active, and according to its president, Scott H. Wells '20, important announcements are to be made in the near future.

OARSMEN SHIFT FROM MACHINES TO SHELLS

Crews Expect To Be On River
By Next Week—"Pat" Man-
ning Engaged As Coach—
Candidates Working Hard

ANNOUNCE FRESHMAN SCHEDULE

All the freshmen who are sweating three times a week on the rowing machines to escape physical training, and the small but determined group of Sophomores who work three nights a week to see that the freshmen do not put anything over on them on Field Day, will welcome the announcement that all the competitors will be out in the shells next week. The management of the Rowing Association is very satisfied with the manner in which the men have taken hold, and the interest and enthusiasm which they have shown.

The Association has been successful in securing the services of Pat Manning, the well-known B. A. A. coach, who has had considerable successful experience in turning out crews. He is expected to do good work with the Institute crews, and to help a lot in developing and rounding out the material.

The boats will be five in number, consisting of two eight-oared and two four-oared shells and one barge. A large amount of new equipment has been bought, a good deal of which is oars.

The race between the freshmen and Sophomore crews on Field Day will be the second in the history of that event. Both crews have been straining hard, and the work on the river will tend to increase the interest. The amount of training and time spent by both sides will undoubtedly make this event one of the most interesting of Field Day, according to the management.

There has been considerable interest shown lately in getting up a Junior crew, and several veterans of the 1920

(Continued on page 2)

ELECTORAL COMMITTEE HOLDS FIRST MEETING

The first meeting of the Technique Electoral Committee was held on Thursday afternoon in room 10-267. Norris Abbott, Editor-in-chief of this year's book called the meeting to order and explained the purpose of the committee and the business that it had to perform. W. H. Young then took the chair as chairman of the committee and read the constitution of the Electoral Committee. Nominations were then made for vice-chairman and secretary-treasurer, as a result of which R. H. Smithwick and J. Worcester were respectively elected to the above positions.

MEETING OF BOXING TEAM

There will be a meeting of candidates for the boxing-team in Room 10-267 at 1:30 Monday, Feb. 10. All those interested in boxing are urged to attend, as plans for the coming season will be outlined by Cpt. Corbett and Mgr. Jones.

LANSINGH '98 TO SPEAK ON PARIS BUREAU IN APRIL

Van Rensselaer Lansingh '98, will speak in Huntington Hall in the Rogers building under the auspices of the Technology Women's Auxiliary in the early part of April. He will recount his experiences as director of the Paris Bureau of the American University Union in Europe, and will illustrate his talk with stereopticon views of the Union and scenes at the front shortly before the signing of the armistice.

Mr. Lansingh is now engaged in Government work in this country and expects to be in Boston sometime in April when he will speak before the Women's Auxiliary. All Technologists have been invited to attend.

NOMINEES FOR JUNIOR PROM COMMITTEE NUMBER 28

Election of the five members of the Junior Prom committee will take place next Wednesday. Polls will be open from 9 to 5 in the Refrigeration Laboratory. All members of the class of 1920 are entitled to vote.

The nominees are—Kenneth F. Akers, Karl Bean, G. I. Brown, David P. Brown, Lawrence H. Burnham, Percy Bugbee, Malcolm S. Burroughs, Harold B. Caldwell, Jack Coyle, Edward S. Farrow, David L. Fiske, William M. B. Freeman, Evert W. Freeman, Richard H. Gee, Harland A. Gray, Phillip E. Haebler, John J. Hines, Myron H. Lee, Robert D. Patterson, Robert T. Pender, Kenneth Roman, Robert R. Rowe, Bruce M. Steele, Robert W. Tirrell, R. J. Tobin, Murray M. Whittaker, Warren Cofren, Merrill B. Knox.

FINANCE COMMITTEE MEETING

There will be a dinner meeting of the undergraduate Finance Committee in the Walker Memorial Tuesday, at 5:30 P. M.

CALENDAR

- Saturday, March 8
- 3.00—Sophomore-freshman Track meet, Athletic Field.
- Monday, March 10
- 5.00—Glee club rehearsal—Room 10-250.
- 1.00—Meeting of Poster competitors of Tech Show—Walker Memorial.
- 5.00—Banjo club rehearsal—Room 1-190.
- Tuesday, March 11
- 4.30—Chorus rehearsal of Tech Show—86 Mass. Ave.
- 5.00—Mandolin club rehearsal—Room 1-190.
- 5.30—Finance committee meeting—Walker Memorial.
- Wednesday, March 12
- 5.00—Banjo club rehearsal—Room 10-250.

The Tech

Established 1881

Published twice a week throughout the year by the students of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. THE TECH assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

Copy for Wednesday's issue of THE TECH must be in the hands of the night editor not later than Tuesday at noon, and for Saturday's issue not later than Friday at noon.

IN CHARGE OF THIS ISSUE

R. H. Smithwick '21 Night Editor
H. C. Galey '22 Asst. Night Editor

SATURDAY, MARCH 8, 1919

THE WALKER MEMORIAL COMMITTEE

A COMMITTEE of students has been appointed recently to supervise the use of and conduct in the Walker Memorial. The function of the committee is similar to that of the Dormitory Committee. It has the same authority to make and enforce rules regarding the use of the building.

The appointment of this committee is a tribute to student government. Of course, student government in the past has had some faults, but on the whole it has been a success. Student government does not use strong arm methods to bring results, but its success depends wholly on the support given it. Such a system gives men a feeling of freedom, of independence, and of responsibility, it also places them on their honor somewhat; and this is certainly a constructive policy. The success or failure of student government rests in the hands of the student body. Let us therefore give our vigorous support to the Walker Memorial Committee.

The committee has a great opportunity to stimulate wholesome activity. It can encourage the use of the Walker Memorial and can provide many a pleasant hour for the men of Technology. It might well copy the energetic work of the Dormitory Committee which has arranged so many games and other social affairs among the dormitories.

WAITING IN WALKER

NOW that Walker Memorial has been given a fair trial and has been running a few weeks it may be readily seen that it is fast becoming a success. The lunch line, formerly there was none at all, grows longer every day. Instead of the few students who used to be seen every noon in the lunch room there are now enough to fill it to its utmost capacity. There is now only one objection to the service. That is that the line waiting to be served is becoming too long, so long in fact that a good ten minutes of a student's lunch period is taken up in traversing the distance between the end of the line and the lunch counter. As is well known there are two counters in the cafeteria, one of which is idle. Might we not suggest that the other be used for the serving of the twenty-five cent meal and that the one now in use be kept for the serving of the forty-cent meal? The students, when they come in for their meals, could then form in two lines those wishing the forty-cent meal to the left, and the others to the right. All that THE TECH asks is a trial of this plan which it feels sure will succeed.

TECHNICALITIES

BY JIM

Our Danseurs Again.

STRAIGHT DOPE

It's about time that some of you useless, greasy grinds got a job that will put you wise to yourselves. To come to the point imigitly, le'me ask you what you think the home government is handing out real good money to send you here to Tech for? I can just about imagine the answer that some of you long-haired, pale skinned, ascetic individuals would give. Now this is some on-the-level, first-class dope that you want to get;—if you don't believe it ask me. First off, you want to get a girl. It don't make no odds whether she be a good looker or a high hooker, or if she's long and narrow or short and broad, but get one that is human and not a highbrow. You don't hafta marry the kid, because she most likely wouldn't marry you anyhow, but you will have a little distraction, and you needn't worry about your good time because she enjoys it as much as you do and she thinks that she is kidding you all along because you (or rather your Dad) stands the expense. Now don't get the idea that I'm telling you to become a skirt hound, because I ain't. The dean well knows that there are enough of that vile species here already, and he also knows what happens to them generally. I just want to put the point across that some extraneous interest is necessary in order to keep your feeble minds out of the deadly rut that they are likely to get into. But don't think that a jane is the only solution, that is simply the most effective, because at times they perplex one sorely. There are other methods, two of which I use myself and find very delicious. They are a camera and a motorcycle. Maybe a lot of you simps that see nothing but dp's and dz's don't realize it, but you are perambulating about right on some of the most historic ground in these United States, and there are a million things that are worth fotografing so as you can realize that you actually saw them and knew what they meant in our nation's early history. And say, that in itself is an education and means of broadening your shrivelled minds. Suppose now you just take stock, find out where you are weak, and then invest in a little pep and expand. That is my tip and you can't go wrong on it. Get on the job.

CLASS OF 1922 TO GATHER FOR ANNUAL FROSH BANQUET

Pres. MacLaurin, Dean Burton, and John Nash '20 to Speak.

The annual freshman banquet will bring to a close for the first half of this term the long list of successful events which have been held in Walker Memorial. It will be held at 6.30 on Friday evening, March 14, in the main dining hall. The sale of tickets, following the Technique and Spring Concert campaigns, has been very energetic, and although only two hundred had been sold at the last official count, many have been bought since then, and a large number are expected today.

The entertainment committee has worked hard to arrange an interesting program. Its extent will depend largely on the number of men who will represent the class of '22 at its first official function. If sufficient funds are realized, the entertainment will consist of music by a jazz orchestra, a couple of clever acts, and some good motion pictures.

President MacLaurin and Dean Burton will be the speakers of the evening. John Nash '20, president of the Junior class will give a short talk, and the Junior in charge of each of the events of Field Day will talk of the part each event will play in Field Day, which comes on April 18th.

This is the first gathering of its kind that the Class of '22 has held. The committees in charge feel confident that the evening will be a complete success. The committees are as follows: Executive, Henry C. Gayley, Warren T. Ferguson; Advisory, Sidney M. Biddell, Ernest N. May; Entertainment, Abbot L. Johnson, William Roberson, Francis W. Walton; Dinner, Frederick N. Dillon, Francis G. Davidson, Roswell H. Baker; Ticket, Paul S. O'Brien, Thomas E. Shepard, John Barrows, A. M. Hammond; Decoration, Edward F. Bowditch, Joseph Christoph.

WHO SAYS CAMBRIDGE IS DRY?

March 1 came around this year in the regular good old fashioned style. Nevertheless, wind and rain, no matter how unpleasant to the world at large has its compensations for the drill ridden freshmen. Who was it who said that every cloud has a silver lining.

Alumni Notes

Dr. and Mrs. Charles Horswell of St. Paul, Minn., announce the engagement of their daughter, Helen Carol, to CAPT. GARDNER ENDICOTT JOHNSON, '18, C. A. C. son of Mr. H. G. Johnson, private secretary to Mayor Walter H. Creamer of Lynn, and Mrs. Johnson.

Miss Horswell is a graduate of Wellesley College. For the past year and a half she has been training in St. Luke's Hospital, New York City, but has recently given up that work to return to her home in St. Paul.

Capt. Johnson took his preparatory work at Exeter Academy. In April, 1917, he passed the regular army examinations for a commission in the coast artillery corps. He has spent a year overseas as a line officer and later as chief intelligence officer on the staff of Brig.-Gen. George Blakely of the 38th artillery brigade, C. A. C. and is at present personnel adjutant of the casual officers' camp, Anger, France.

MARSHALL ORA LEIGHTON '96, Course VII, consulting engineer, Washington, D. C., who has been chosen as chairman of the newly formed National Service Committee of the Engineering Council, has made a particular study of hydro-electric development in this country. He testified before the congressional committee on the possible commercial development of navigable rivers and streams in forest preserves, indicating also to what extent canalization of navigable streams would result in improvements to navigation as well as in water-power possibilities. He has made a study of the application of water-power to many uses, including industry, central stations, electro-chemistry, and especially to railroad electrification. He graduated in biology, and was later appointed chief hydrographer of the Geological Survey. He has been a member of Government commissions to study waterways.

LIEUTENANT EDWARD S. HOWE '10, following his discharge from the army, will proceed to the Philippine Islands, where he will act as a commercial engineering representative of the Westinghouse Electric Manufacturing Company. Lieutenant Howe was graduated from the electrical engineering course. After a period of service in the shops and Boston office of the Westinghouse Company, he spent two years in Colombia, South America. He returned last year to enter the service.

PHILIP HENRY WYNNE '88, consulting engineer, has recently died at his home in Deerfield, Mass. He graduated from Technology in Mechanical Engineering. He was known as an authority on historical subjects.

RHODES SCHOLARSHIPS ELECTIONS WILL BE RESUMED

Professor Frank Aydelotte of the Institute, American secretary to the Rhodes trustees, has announced the details of the plan for the resumption of the election of Rhodes scholars in the United States. Qualifying examinations no longer will be required. His statement, authorized by the trustees in London, reads:

"The election of Rhodes scholars throughout the United States will be resumed during the present year. The postponed scholarships due to the various states for 1918 and 1919 will be filled next autumn. Scholars elected for 1918 will come into residence as far as possible in January, 1920, and will enter respectively in January and October, 1921.

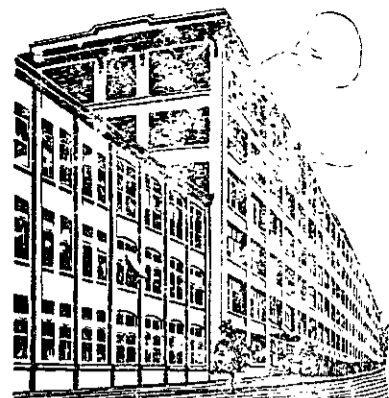
"It has been decided that the qualifying examination hitherto required of all candidates shall no longer be held and scholars will be elected on the basis of their collegiate or university record, supplemented, if necessary, by any further tests that the committee of selection may in its discretion impose. Other conditions of eligibility will remain as before.

"Information as to procedure and date of election will be issued shortly.

"These 16 states will elect for 1918 and 1919: Alabama, Arkansas, California, Colorado, Georgia, Iowa, Kansas, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Oregon, Texas, Washington, Wisconsin."

The following 16 states will elect for 1918 only: Arizona, Delaware, Florida, Idaho, Louisiana, Montana, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, South Carolina.

Alumni personals, news of class and alumni associations, and other alumni activities will be gratefully received. The prompt arrival of such information will facilitate the work of the Associate Editor in making the department as timely and complete as possible.



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These 16 states will elect for 1919 only: Connecticut, Illinois, Indiana, Kentucky, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Tennessee, Vermont, Virginia.

SPRING CONCERT

(Continued from page 1)

sufficient time had to be allowed for the dance which was to follow. The program was as follows:

1. Take Me Back to Tech Combined Clubs
 2. Narcissus Nevin
 3. The Kilties March Murchison (Glee Club)
 4. Cello Solo C. L. Eksbergian '20 accompanied by R. Purington '22
 5. Bolshevik Blues Foxtrotski (Banjo Club)
 6. Technology Quartette Selected
 7. A Wee Bit of Scotch L. W. Conant '21
 8. Kavanaugh F. F. Bullard '21 (Glee Club)
 9. Xylophone Solo Selected (C. T. Proctor '18)
 10. Cardinal and the Grey Mooly (Combined Musical Clubs)
- Just after the Stein Song and the Star Spangled Banner were played, the ballroom was cleared for dancing which continued till after one. Refreshments were served during the intermission.

CREWS TO GET ON RIVER

(Continued from page 1)

and 1919 crews have begun practice. All men who are interested in this crew should report to R. H. Gee '20 or H. W. Tyson '20.

The schedule for the freshman crew season has only three open dates, while two meets are scheduled for one day. It is as follows:

Friday, April 18—Eight-oared shells—Field Day race—1 mile.

Tuesday, April 30—Four-oared shells—Boston Latin—1-2 mile.

Saturday, May 3—Four-oared shells—Cambridge Latin—1-2 mile.

Wednesday, May 7—Four-oared shells—Rindge Technical—1-2 mile.

Saturday, May 10—Eight-oared shells—Harvard 2nd Freshman—1-1.2 miles.

Saturday, May 10—Four-oared shells—Brookline High—1-2 m'l.

Tuesday, May 13—Four-oared shells—Huntington School—1-2 mile.

Saturday, May 17—Four-oared shells—Browne and Nichols—1-2 mile.

Wednesday, May 21—Eight oared shells—Middlesex—1-2 mile.

Saturday, May 24—Four-oared shells—Pomfret—1-2 mile.


M. E. SOCIETY TO TAKE TRIPS TO ASHTON VALVE CO.

The Mechanical Engineering Society is conducting six trips next week to the Ashton Valve Company in East Cambridge, two each on Tuesday, Wednesday and Thursday, March 11th, 12th and 13th. The first group of men to go on these trips each day will meet in the main lobby at 1.00 p. m. and the second group at 2.45 p. m. in the same place.

Each party will be limited to twenty men, thus accommodating forty a day. A sign-up poster has been placed on the main bulletin board opposite the Bursar's office and the first twenty to sign for each trip will be taken. Only members whose dues have been paid will be considered eligible.

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AVIATION STORIES WANTED

Information in answer to the letter below may be given to Prof. R. E. Rogers, 2-275, who is collecting the material for the government.

"To the Students of Technology: "The Director of Military Aeronautics asks your cooperation in the following matter, which is important to the Air Service of the country and which may be of yet more intimate concern to the locality and to the institution with which you are associated.

"This office is making every effort to assemble the personal stories of the men who have been with the Air Service overseas. It seems not unlikely that the better part of each story is contained in letters to friends and relatives at home. Letters from some of our aviators have already appeared in book form and in the magazines, and from time to time college publications have had occasion to print appreciations of fliers killed in combat.

"Such informal records may supply information of historical value to be had from no other source—information which should find a place in the written history of the country.

"The Director of Military Aeronautics therefore makes this request: that, with the full sanction of those most concerned, this office be furnished with copies of such letters, or excerpts from them, and likewise with copies of any of your student or alumni publications that have contained articles pertinent to this subject. It would be gratifying, also, if you would interest your townsmen in this matter, and would obtain the cooperation of the local press. Whatever you can do to further the assembling of this data—and with reasonable haste, that nothing may be lost,—will be deeply appreciated here."

Communications in reply should be addressed:

Director of Military Aeronautics
6th Street and Missouri Avenue
Washington, D. C.
Aeronautical Information Branch."

WOULD-BE FINANCIERS HEAR VAN KIRK '18 IN FIFTH TALK

Speaks On Organization Of Institute Committee.

On last Wednesday afternoon the fifth of a series of talks on Undergraduate Finance and Organization was given in room 2-190. R. W. Van Kirk '18, former president of the Institute Committee, spoke on "The Organization of the Institute Committee and its Sub-Committees."

Van Kirk explained the organization of the Institute Committee. He said that it was made up of smaller committees which had special functions, for example, the Budget Committee which handles the money received from the Student Tax, amounting to about ten thousand dollars. He also spoke of the committee whose work it is to enforce the activities Point System. Many men carry more than the limiting ten points of undergraduate activities. When this is the case either the man suffers or one of his interests does not receive the proper attention, and the committee adjusts the situation. The Walker Memorial Committee is one of the more important. This committee arranges the mass meetings, smokers and also the Sunday afternoon Powwows which have done so much for the social life of the students. In conclusion the speaker emphasized the fact that anyone in the Institute was permitted to attend the meetings of the Institute Committee and express his views.

The next meeting will be held Wednesday afternoon at 5 o'clock in room 2-190. Lieutenant L. L. McGrady '18 will be the speaker.

CHORUS OF SHOW BEGINS PRACTISING ITS FIRST STEPS

Rehearsals Will Be Held In Coop. Building Hereafter.

Under the direction of Mrs. Haviland, the chorus of Tech Show 1919 went through the steps of the first number last Wednesday afternoon. As originally planned there were to be thirty-two in the chorus, arranged for some members in two rows of sixteen each, but it was later discovered that the smallest of the stages on the Show's itinerary could hold only twelve in a row. As a result some members of the chorus will be unable to appear in all the numbers but no one will be dropped for lack of a place. The next rehearsal of the chorus will be on Monday, March 10.

Cocher Haviland has livened up the first act with a little humor and at the rehearsal Thursday afternoon the added lines caused considerable amusement among the members of the cast. If the other two acts prove as good as the first one, the management of the show is confident that there are going to be some records broken in attendance this year. The next rehearsal of the cast will be on Tuesday the 11th at 4.30. The last rehearsal for both the cast and the chorus before the week of examinations will be on Thursday, March 13.

From now on the cast and chorus of the Tech Show will rehearse at 86 Mass-

achusetts avenue. The change provides plenty of extra space for making a full stage setting and, barring the undramatic atmosphere, is an advantageous arrangement.

All those interested in the poster competition will meet in the Tech Show office next Monday at 1 p. m.

WIRELESS SOCIETY HOLDS IMPORTANT MEETING

Yesterday afternoon at one o'clock in room 10-275 the Wireless Society held an important business meeting to determine as nearly as possible where the proposed wireless station is going to be placed and just what kind of instruments and aereals are to be used. Professor Taft who was approached on the subject whether the plant could be housed in the gas engine laboratory or not, said that he was perfectly willing but that he would have to speak to the Faculty about it. It was announced that the set would be powerful enough to receive Paris and that the sending radius of the station would only be limited by the new law which is expected to go into force in the next few months. But H. P. Field '21, said that it would in all probability be from one fourth to one-half kilowatt input. Lieutenant Murray who also spoke on the new project stated that the set will have two aereals—one the receiving, extending to the top of the large power house stack, and the other the sending aereal will only reach part way up the chimney as its length is also limited by law. The management stated that the set is to be made from material on hand and for this reason will not cost as much as a set of the same power would if bought complete. At the meeting it was also announced that next Thursday there will be a trip to the General Radio Manufacturing Plant one of the biggest of its kind in the country where the members of the society will be shown through the establishment by competent guides and that every one who wished to go should sign up in room 10-219 the temporary headquarters of the society. Field then informed the meeting what a success the daily code classes held from 1 till 2 daily in room 10-275 were and said that anyone who wished to come to these classes was allowed no matter if he was a member of the society or not. He also said that he had hopes of getting the Department of Electrical Engineering to donate some money towards the set especially if the station were turned over for thesis work at the end of the year.

RUNKLE STILL HOLDS THE LEAD IN BOWLING LEAGUE

Runkle still holds the lead in the Dormitory Bowling league, but Holman by consistent bowling won three games straight while Runkle lost 2. This brings Holman's standing up to within one game of the leaders. Nichols has a team of good bowlers, but doesn't seem to be able to put the goods across, still holding the cellar position.

Mason with an average of 94 and Stam close behind him with 93 were the leaders for the week.

The standing of the teams is:

Team	Won	Lost	P. C.
Runkle	8	4	.667
Holman	7	5	.586
Atkinson	5	5	.500
Nichols	3	9	.250

JUNIORS FILE RECORD CARDS

Last Wednesday afternoon, during the regular railroad drafting period of the Juniors of Courses I and XI, cards were distributed by the instructor in charge, and the men were asked to give certain information about themselves, such as their names, Boston and home addresses, preparatory school attended, and experience in both technical and military lines. These cards are to be kept at the office of Professor Spofford, and will be used as reference when men are called to fill positions during the summer or otherwise.

FRESHMEN AND SOPHS WILL STAGE HARD BATTLE ON TRACK

Teams Are Closely Matched And Meet Promises Interest

This afternoon the Annual Sophomore-Freshman dual Track Meet will be held on the board track at 3 P. M. The Sophomores are slightly the favorites, but the freshmen have already proved their ability by defeating Lowell High School and they may surprise the Sophomores and give them a beating. Anyway the results of the meet will be close.

Bawden Scott, Spitz, Junod, Bardes, will be the stars for the Sophomores, while Capt. Purcell, Arnold, Allen, Godfrey, Halfacre will put up a hard fight for the freshmen team. The Sophomores have had one meet this winter and that was when they defeated Lynn English High School. The fast Technology relay team is composed of two Sophomores namely Bawden, and Spitz. The other two members of the team are Juniors.

Capt. Purcell is doing fine work for the freshmen, but he will have to fight hard to beat Carol Stone in the mile. Bawden is running far better than at

any time in his life, while Spitz who is a newcomer on the squad has broken the record for the 390 yards dash on the board track. Hank Allen jumped 5 ft. 9 1-2 in. at the B. A. A. meet last Saturday night and he is expected to win the high jump. Luke Walton is doing fine work on the pole vault and will probably win that event. On all field events the freshmen seem to have the edge on the Sophomores, but the latter are exceedingly strong in the dashes.

The events which are to be run off are as follows: 70 Yard Dash, 60 Yard Low Hurdles, 70 Yard High Hurdles, 440 Yard Run, 889 Yard Run, Mile, and in the field events, the High Jump, 16 lb. Shot Put, 16 lb. Hammer Throw, and the Discus.

TECHNOLOGY REPRESENTED ON BOTH I. C. A. A. A. AND N. E. I. C. A. A.

At the Annual Convention of the Inter-collegiate Amateur Athletic Association of America held in New York last Saturday afternoon Paul N. Anderson, Manager of the Technology track team was elected to the Executive Committee of that Association.

Many changes were made in the constitution this year at the annual meeting. The one year rule that men had to be in their university for one year before they compete in the Annual I. C. A. A. A. Track Meet was done away with this year on account of the war. Also any man who enters college before April 2nd this year and who has been in the service just previous to entering college will be allowed to compete in the meet.

On the same date there was a meeting of the New England Inter-collegiate Athletic Association in Boston. Practically the same amendments were made in the latter's constitution as were made in the constitution of the I. C. A. A. A. Paul N. Anderson was elected President of this Association at this meeting.

"WHO SAID CAMOUFLAGE?"

Speaking of camouflage, why wouldn't it be a good idea to have the cover of the Voodoo designed in imitation of the familiar leather covered notebook. Thus the lectures in 10-250 could proceed undisturbed by any disquieting suspicions on the part of the lecturer.

TOUGH TUSLE WITH TUFTS

(Continued from page 1)

slight advantage, but it was found on consultation with the time keepers that Ruggeri had been on top two seconds longer. Accordingly, this very doubtful decision went to Tufts. The last bout of the evening was between Captain Freeman of the Institute and Silver of Tufts. At first it looked like an easy victory for Freeman, for he promptly got his man to the mat and held him there for four minutes. Silver surprised the Institute man, however, and before the spectators realized what had happened, threw him in 5 min. 45 sec.

A meet with Brown next Tuesday at Providence, and one with Andover on March 15 will complete the season. A double victory would practically mean a clean record for the year, for though the team has lost meets to both Andover and Harvard, it is felt that the team was not as well represented as at present. Poor training quarters, lack of a coach, and the effects of the S. A. T. C., all contributed to a poor showing in the early part of the season. Andover has developed a strong team and hopes to repeat her previous victory over the Institute mat men.

Summary:

- One hundred and fifteen-pound class—Barnard, M. I. T., defeated Hoyt, Tufts, fall, 50s.
- One hundred and thirty-five pound class—Gordon, M. I. T., defeated Shea, Tufts, fall, 8m. 45s.
- One hundred and forty-five pound class—Butler, M. I. T., defeated Cohen, Tufts, fall, 3m. 16s.
- One hundred and fifty-eight pound class—Ruggeri, Tufts, defeated Wood, M. I. T., decision, 9m.
- One hundred and seventy-five pound class—Silver, Tufts; defeated Freeman, M. I. T., fall 5m. 45s.

SWIMMERS LOSE TO YALE

(Continued from page 1)

- 50-Yard Swim—Won by Binney, Yale; second, Seranton, Technology; third, Archibald, Yale. Time, 26s.
- Fancy Dive—Won by Benjamin, Yale, 95.9 points; second, Bradley, Yale, 81; third, Skinner, Technology, 76.
- 220-Yard Swim—Won by Fish, Technology; second, Hopkins, Yale; third, Green, Technology. Time, 2m 51 3-5s.
- Plunge for Distance—Won by Loeb, Yale, distance 68 ft.; Boyce, Yale, second, 62 ft. 6 in.; O'Daly, Technology, third, 55 ft.
- 100-Yard Swim—Won by Hincks, Yale; Untersee, Technology, second; Manning, Yale, third. Time, 59 1-5s.
- 220-Yard Team Relay Race—Won by Yale (Tyler, Archibald, Hincks Binney), Technology (Fish, Bidde, Untersee, Seranton). Time 1m. 44 3-5 s.

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W. B. McSKIMMON DISCUSSES PROBLEMS WITH M. E. SOCIETY

Announce Hundred Per Cent Membership In Course II

The second meeting of the Technology Student Branch of the American Society of Mechanical Engineers, was held in the Dorm Dining room of Walker Memorial on Wednesday evening. The meeting was well attended in spite of the fact that it was a bad night for most of the men to be present. Those who came to the meeting were treated to a most interesting and valuable talk by Mr. W. B. McSkimmon, Treasurer of the Union Twist Drill Co., of Athol, Mass.

Mr. McSkimmon was introduced to the Society by President Davidson. He spoke of the situation which confronts a graduate of a technical school when he leaves his college and faces the world. According to Mr. McSkimmon, the technical graduate has a tremendous advantage over the man who has not had the benefit of a technical education. He has a body of technical knowledge and a training in straight and accurate thinking which give him tools for accomplishment which the ordinary man does not possess. But this advantage is not a guarantee of success, and if the graduate depends solely upon his education to gain for himself advancement, he will soon be left behind by the man who has not his educational advantages, but who has more ambition and a larger capacity for work. There are men out in the world who are just as capable as the technical student, and it is with these men that the young engineer must compete in business. Moreover, while the student is getting his education, the other man is getting practical training in the actual work which he is to make his profession, and is better fitted to earn his livelihood at the end of four years than the man who has spent a similar time in study. But in a short time the man with the technical education should be able to surpass the man who has had only a practical training. The young engineer, therefore, should not expect too much when he graduates, but should work patiently and faithfully in what may seem a subordinate position, until such time as his engineering training and his subsequent hard work may fit him for a more important position.

Mr. McSkimmon has grown up with the Union Twist Drill Company which he has helped to develop from an unsuccessful enterprise into one of the largest plants for the manufacture of small tools in the world. He spoke with authority and the members of the Society were very glad to get a practical man's point of view.

Announcement was made that the "Hundred Percent Membership Campaign" was a complete success and that practically every man in Course II in the Sophomore and Junior classes had been signed up for membership. There was an informal discussion as to the advisability of holding meetings every two weeks instead of every month as has been the practice heretofore. The consensus of opinion seemed to be that more frequent meetings and trips would be highly desirable. From these meetings and trips the men are able to get knowledge and experience which they could get no other way. Plans will therefore be immediately undertaken to hold meetings and trips every two weeks.

After the adjournment of the meeting, the members regaled themselves on "Ice-the-Apple and Coffee" which was available in large quantities. With a most satisfactory feeling both mental and physical, the members then dispersed to take up again the burning of the midnight oil.

E. E. SOCIETY POSTPONES TRIP TO SOUTH BOSTON

The trip of the Civil Engineering Society to the army supply base on Summer St. extension South Boston which was to be held last Saturday is postponed until next Saturday, March 15. The reason for this change in program is because the weather was too poor to take place last week and various obstacles presented themselves for today, so next Saturday was the day chosen. All Course One men wishing to take the trip should assemble in the Civil Engineering Museum at 1:30. Professor Swain who has recently returned from France where he was connected with the Commission of American Engineers will give a talk at the Smoker which will be held next Thursday evening at the Dorm Dining room, on his experiences and on Construction work. The Civil Engineering Society extends an invitation to all freshmen and hopes that they will take an interest in the society.

MILITARY SCIENCE BULLETINS

Washington, D. C., Feb. 27, 1919
District Military Inspector,
Rogers Building,
Boston, Mass.

The following telegram from the Adjutant General of the Army was sent to the Commanding General of all Territorial Departments, February 24, 1919: "Referring to letter of Oct. 3rd directing order to active duty and transfer to S. A. T. C. of students in Enlisted Reserve Corps, it appears that such students were in many cases ordered to military duty by S. A. T. C. Commanding Officers and that transfer of such men was not completed by your office before signing of the Armistice.

"In order to establish active duty status of these men you will confirm and cause to be published orders to active duty with S. A. T. C. units. In compliance with instructions of local Commanding Officers for transfer in accordance with instructions of the Secretary of War dated September 29th.

"You will accept statement of S. A. T. C. District Inspecting Officer as evidence of date on which such men reported for active duty. In compliance with instructions of Commanding Officer the men concerned will be considered to have been relieved from active duty and returned to the inactive status at the same time that other men in similar circumstances who have received their official orders for active duty through proper channels were discharged or returned to inactive status, and you will publish the necessary orders. The statement of the Commanding Officers of the S. A. T. C., or the District Inspecting Officer of district in which the unit was located will be accepted as evidence of the date on which the men were de facto relieved from military duty.

"This order will apply to the Enlisted Reserve Corps of the Medical Department, the Engineer Corps, the Quartermaster Corps, the Signal Corps and the Ordnance Department. Steps will be taken to effect the discharge from the military service of the men concerned. In any case where they have not already been discharged in accordance with existing War Department instructions for the discharge of members of the Enlisted Reserve Corps on inactive status.

"Transmit this information to S. A. T. C. institutions in your district where Enlisted Reserve Students attend and facilitate action by co-operating with the Department Commander.

"Morrow, Chairman."
To carry out provisions of this telegram all members of Engineers Enlisted Reserve Corps who were placed on duty with S. A. T. C., and transferred to same at a later date, or not transferred at all on account of the Armistice, will at once submit to the Professor of Military Science, a letter stating the date on which they actually entered the barracks for duty, the date on which they were transferred, and the date discharged. If they were never transferred they will so state.
(Signed) EDWIN T. COLE,
Colonel, U. S. Army, Ret.
Professor of Military Science.

The checking of the rolls shows that some men have not reported for, or been placed on the rolls for the compulsory instruction in Military Science. According to faculty rules all male students in the first and second years, not aliens, must take the prescribed military courses, and except as above stated no man can be excused except on approved petition; even men physically unfit will have to apply to be excused and will have to present certificates of the college physician as to whether the disability will excuse them from all instruction or in case of temporary disability, for a specific stated time.

Men who should register, and fail to do so without excuse, or who have grounds for excuse and fail to take the necessary steps to be excused, will be held strictly accountable, and cannot according to college agreement with the War Department be graduated until they establish proficiency in the course. Absences due to willful failure to comply with the requirements or to secure exemption, will have to be made up in a manner prescribed by the Department, before proficient marks or excuses can be given.

Owing to the tremendous amount of work involved in discontinuing the S. A. T. C., and in reorganizing the R. O. T. C., and to the fact of the progressive nature of the registration, some men may have gained the impression that they could neglect this work and successfully evade it, but they had better make up their minds that this is not going to be possible and make prompt arrangements to get on the rolls and to make up back work.

EDWIN T. COLE,
Colonel, U. S. Army, Ret.

R. A. HALE '77

RE-ELECTED SEC.-TREAS.

Richard A. Hale of this city was recently reelected secretary and treasurer of the class of '77, at the annual meeting of the members at the Engineers' club in Boston. President Robert D. Andrews presided and those present were:

Robert D. Andrews of Andrews, Jones & Rantoul, architects, Boston; Francis H. Bacon or F. H. Bacon & company, furniture and interior decorators, Boston; W. H. Beeching with Little, Brown & company, publishers, Cambridge; George W. Capen, architect, Canton corner; E. W. Davis of the Puritan Press, Boston; Richard A. Hale, principal assistant engineer, Essex company, Lawrence; C. F. Lawton, commissioner of board of public works, New Bedford; B. C. Mudge with the United Shoe Machinery company, Beverly; F. I. Sherman, civil engineer of West Mansfield; B. T. Williston, manager of United Injector company, Boston; C. H. Norton, assistant engineer with the Mass. Highway commission; H. C. Southworth in business, Stoughton, Mass.; A. L. Plimpton, assistant engineer, Boston Elevated R. R. company; Edmund Grover, civil engineer, Walpole, Mass.

The old board of officers was reelected for the ensuing year: President, Robert D. Andrews; vice president, B. T. Williston; secretary and treasurer, Richard A. Hale.

Letters were received from various members who were unable to attend. G. G. Baldwin, vice president of the American International Corporation; George W. Kittredge, chief engineer, New York Central R. R.; W. H. Lawton of Newport, and others of the class who have had sons in active service. C. A. Clarke, had a son, Lieut. Clarke, killed in action in France last year. W. H. Widden had a son, Capt. Whidden, who was the first American surgeon wounded in the war and later died of pneumonia in Cambridge, Mass., where he was stationed.

Announcements were made of the death of Frank E. Peabody and I. M. Story, members of the class who passed away during this last year.

PROF. LEWIS TALKS TO N. E. CHEMISTRY TEACHERS ASSO.

More than fifty members of the New England Association of Chemistry Teachers attended the association's meeting at the Boston trade school last Tuesday and heard Prof. Warren K. Lewis of the Chemistry Department speak on the future of chemistry and the part it played in winning the war. In the morning several practical soil tests were made by the members, under the direction of Dr. H. J. Wheeler, of the American Agricultural Chemical Company.

A PENNY SAVED IS A PENNY EARNED!

The following notice has been sent out by the Savings Department of the United States Treasury for college and school publication.

The leading educators of the United States pledged their support to the thrift education movement of the United States treasury on February 28 when the Department of Superintendence of the National Education association in session at Chicago adopted the following resolution:

"As essential to character formation, to the welfare of the American people, and to the promotion of a national habit, we urge that the national program of thrift instruction, and the sale of Thrift and War Savings Stamps become a permanent part of the public school procedure. We recommend that a committee of the National Education Association be named to cooperate with the Savings Division of the Treasury Department in pushing a campaign in all state school systems."

PROVOST GUARDING OFFENDERS

Many of the students about the Institute are under a false impression of the troops stationed in the old S. A. T. C. barracks. These men seen working under guard are not members of the military police but are offenders who have been arrested. The Provost guard are by no means to be looked down upon, for they are a body of picked men from the twenty-sixth regiment of Massachusetts.

WE HAVE A NEW ENGINE

What is claimed to be the very latest in steam engines is now being set up in a corner of the steam lab. Special attention attaches to it on account of its steam jacketed piston which, together with a few other innovations, gives it an efficiency of from ten to fifteen per cent greater than that of its nearest rival. At its rated speed of 125 r. p. m. it generates approximately 35 h. p. It was designed by Mr. Prosser, the president of the Fitchburg Engine Company, and was presented to the Institute by him.

A representative of our CUSTOM TAILORING department will be at the TECHNOLOGY BRANCH

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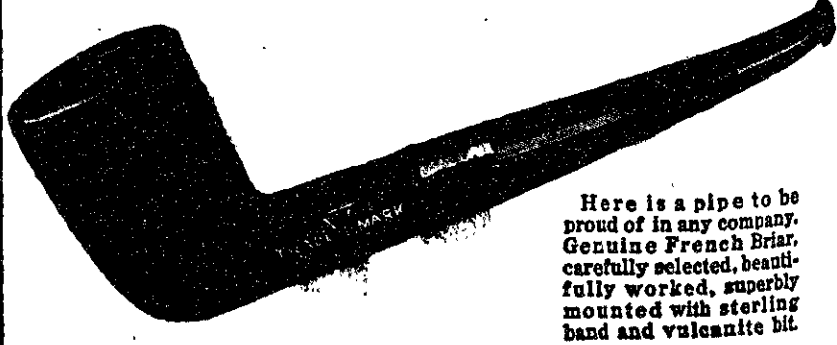
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SOPHOMORES CAPTURE LAURELS FROM 1922

Freshmen Lose To Upperclassmen In Annual Track Meet—Purcell, Brokaw and Boli Are Winners

CLOSE CONTEST THROUGHOUT

In the first real meeting between the two classes, 1922 succumbed to the Sophomores on Saturday, by a score of 58 1-2 to 24. The meet brought out some very good 'varsity prospects for the coming spring, especially in the longer distances. Purcell, the freshman captain, C. E. Brokaw and G. T. Boli proved to be the mainstays for the defeated class. Ted Spitz, Garvin Bawden and H. P. Junod were among the runners who aided in crushing defeat upon the freshmen.

The mile run turned out to be the most interesting event of the afternoon. Purcell '22 and Stone '21 who have been alternating during the past season in carrying off honors in this event, met to fight it out. After a heart-rending race in which both runners struggled to maintain the lead, Purcell managed to cross the tape, leading Stone by a narrow margin.

The summary:
70 yd. high hurdles: Won by Brokaw '22 second, Hayes '21 third. DeVito '22. Time: 10 1-5 sec.
70 yd. dash: Won by Hamburger '21; second Spitz '21; third King '22. Time 1:45 sec.

Quarter mile run: Won by Spitz '21; second Scott '21; third King '22.
Half-mile: Won by Bawden '21; second Bardes '21; third, Poole '22.
Mile run: Won by Purcell '22; second Stone '21; third, Roberts '21.

75 yd. low hurdles: Won Junod '21; second Brokaw '22; third, Lin '21.
High jump: Won by Brimblecom '21. 5ft. 2in.; second, Boli '22. 5ft. 1in.; third, Brown '22, and Fletcher, tied at 5ft.

Discus throw: Won by Gardner '21. 104ft.; second, Hays '21. 99ft.; third, Boli '22. 91ft.

Hammer throw: Won by Raymond '21. 104ft.; second, Hays '21. 104ft.; third, Lemon '22. 94ft.

Shot put: Won by Boli '22 24ft. 3 1-2 in.; second, Hays '21. 33ft. 2 1-4 in.; third, Liety '22. 31ft. 9in.

REGISTRATION FOR SECOND PERIOD IS SIMPLIFIED

The following bulletin has been issued by the Registrar regarding registration for the second period of this term:

First Year students will not have to re-register. The Tabular View of the current period will continue with the same instructors and room assignments except for students in Course IV.

All other students of this term are to fill out new roll cards and two address cards and file these at the Information Office, room 10-100. While the students will continue in the same section, the new Tabular View will be published with new room assignments. New students will fill out the usual registration material complete.

If any student has failed to leave three copies of his photograph for the permanent records of the Institute, they must be left at room 10-100 not later than the first day of the new period, March 21, 1919.

JUNIORS VOTE TODAY

Elections are held all day today for the Junior Prom Committee in the Refrigeration Laboratory. The officers of the class urge every Junior to vote so that the choice of the committee will be general.

SECOND CHEMICAL SOCIETY TRIP TO BE HELD SATURDAY

The second trip of the Chemical Society scheduled for Saturday afternoon will take the men to the works of the Woven Hose Co. in Cambridge. Judging from last week's good attendance, in spite of the poor weather, this trip should attract a large number of men. So many men are planning to take part in the trip that sign-ups will have to be made early, for only a limited number can be accommodated. The sign-up sheets will be on the bulletin board in the main lobby and men should be on the watch in order to get their names in on time.

ELDEN TALKS TO E. E'S

Outlines Edison Plant Distribution System

Mr. L. L. Elden, head of the Electrical Engineering Department of the Edison Electric Illuminating Company of Boston, addressed the Technology branch of the American Institute of Electrical Engineers at their meeting last Friday evening, on the distribution system of that company. He gave some very interesting figures on the amount of current that the company supplies daily to its consumers, in addition to the various costs and incomes in the many phases of its complicated and extensive divisions. He took up the various stages of the production of electrical energy from the moment that the coal is loaded on the docks to the final use of the current by the consumer.

When the coal is unloaded at the plant in South Boston, where the main alternating current generating station is located, an immediate problem is presented in the form of the prevention of fires in the pile due to spontaneous combustion. This is effectually done by placing thermometers in iron pipes throughout the ninety-thousand tons, or three months supply of coal, and thus keeping an accurate check on the temperature in nearly every part of the mass. If the temperature at any point is found to be excessive, that point is immediately uncovered and the danger of a bad fire thus averted. By means of this precaution the Edison plant has been able to establish a record of never at any time during the past twenty years having had a fire which has assumed all serious proportions.

(Continued on page 4)

BUSINESS COURTESY DISCUSSED

The last talk on Undergraduate Finance and Organization, until after the examination period, was given Friday by Professor Pearson on the subject of "Business English and Courtesy."

Professor Pearson discussed the proper handling of correspondence and what a great problem it presented. He then read several letters which actually had been sent to Bursar Ford, and also some of Bursar Ford's replies. The letters were both interesting and laughable, being some of the ridiculous inquiries made by anxious parents concerning their sons. Professor Pearson in reading the replies told of the fact that had to be used in order not to offend anyone. The value of answering a letter of complaint by sympathizing with the sender, rather than being incompatible, was pointed out. The speaker in talking on business English mentioned many of the trite expressions which are so common in business letters, and stated that many large firms have formulas by means of which their correspondence is answered. He ended by saying that all letters should be business-like, but as personal as possible, for this is the most influential means of obtaining an patronage.

There are two more finance lectures scheduled which will be given after vacation. The speakers will be Bursar Ford and Lieutenant L. L. McGrady.

The first Dorm dance after vacation will be held Friday, April 4, in Walker Memorial. Music has already been engaged for the evening. The sale of tickets will be announced later.

FRESHMEN TO SWIM AGAINST SOPHOMORES AT Y. M. C. A.

Close Contest Scheduled For Tonight In Boston Tank.

The Sophomore-freshman swimming meet will take place tonight at 5 in the Boston Y. M. C. A. tank. Past Varsity and freshman meets seem to indicate that this contest will be a close one. C. D. Greene and C. W. Seranton will star for the upper classmen while S. M. Biddell and H. C. Fish are counted on by the freshmen to defend their class.

The line-up is as follows:
Relay: Sophomores, Young, Colton, Greene, Seranton; freshmen, Biddell, Fish, Rand, Rudderham.
50-yard dash: Sophomores, Colton, Lee; freshmen, Paul, Rand.
100-yard: Sophomores, Seranton, Greene; freshmen, Biddell, Fish.
220-yard: Sophomores, Seranton, Greene; freshmen, Fish, Robinson.
Dive: Sophomores, Ferdinand, Skinner; freshmen, Biddell, Purington.
Plunge: Sophomores, Rogovin, Lee; freshmen, O'Daly, Stalbird.

ANNOUNCE RESULTS OF TECHNIQUE ELECTION

Competitions Close For Sophomore And Freshmen Assistant Editors And Business Managers of Junior Year Book

MACMILLIN IS SOPHOMORE EDITOR

The competitions for freshman and Sophomore assistant editors and business managers of Technique 1920 closed last week, and at a meeting of the board on Saturday, March 8, the following elections were made: Howard F. McMillin, Sophomore Editor; T. M. Nusbaum, freshman Editor. The following were elected to the Junior Board: Assistant business managers: Winter Dean, Herbert C. Button, W. R. Barker, E. P. Clark, H. P. Junod. The Sophomore assistant editors are: W. W. Kittredge, I. D. Jacobson, W. H. Irwin, and C. C. Westland. Freshman assistant editors: T. W. Alder, N. E. Dittmeier, W. M. Bainbridge, H. C. Gaylen, T. T. Miller, W. J. Croft, G. W. Potter, E. G. Perringill, Dorothea DeW. Brownell was elected second assistant art editor and C. C. Carven, R. Hayward, and M. F. Farron were elected assistant Sophomore art editors.

The picture of the 1920 board will be taken at Notman's Harvard Square studio, Saturday, March 15 at 1:15.

RESEARCH LABORATORIES TO OPEN AT INSTITUTE

Plans have recently been announced, whereby the scope of the Research Laboratories of the Chemistry and Chemical Engineering Department will be enlarged. During the war, many Technology professors aided in the work of the Chemical Warfare Service, and it is these men who are to compose the staff of the Research Laboratories. The purpose of the new work will be to maintain a closer cooperation between industries and research. The work will consist in solving problems for industrial firms, and special work such as experimentation with the flow of water through pipes, and other problems will be dealt with in detail, but it is hoped that Army work will be resumed. The staff will include Professor W. H. Walker, who will be Director, Professor H. P. Ebbot, Professor W. K. Lewis, and Major R. E. Wilson.

COSMOPOLITAN ENTERTAINS RADCLIFFE AND SIMMONS

The Technology Cosmopolitan club held its most successful meeting of the year last Thursday. The Cosmopolitan clubs of Harvard, Radcliffe, and Simmons had been invited to attend, and together with the Institute group, the gathering amounted to over fifty.

A. V. Dumas '20, president of the Technology Cosmopolitan club, opened the meeting and introduced the first speaker, Dean Alfred E. Burton, who tendered a hearty welcome to the young ladies, and expressed his belief that if the club could rely upon their attendance at future meetings, there would be no difficulty in persuading the masculine members of the clubs to come. He then gave a short sketch of the history of the club.

Mrs. Lewis Morse, an influential member of the society, devoted to the introduction of foreign students into American homes, spoke next and gave an outline of a series of receptions, dinners, and entertainments, being given for foreign students.

Professor Joseph Lipka then gave an interesting talk on Russia and his travels across Siberia on the Trans-Siberian Railway, illustrating his travelogue with the use of lantern slides. In his lecture he touched on China and Japan, and related many interesting incidents connected with his extensive travels.

Refreshments were then served as a fitting end to an enjoyable evening.

BANQUET MARKS END OF DORM SOCIALS FOR THIS PERIOD

"Dorm Doughnut"—a Round of Food and Entertainment—is Inaugurated.

With the idea of getting away from smokery and speeches, the Dorm Doughnut which was held last night furnished the wind-up of this period for the students who uphold the honor of Runkle, Atkinson, Holman and Nichols.

In the first place, it was a novel idea, and was accompanied from start to finish by extraordinary examples of evading the ever-present empirical formula which usually holds for such affairs.

Queer posters have adorned the bulletin boards in the dormitories for a week, telling in the most conducive manner of the attractions which would rival (as one poster said) "the best points of the Leux, Old Howard and the United Cigar Store."

Following the evening meal in the Dorm dining room, music was furnished by some of the more talented members of the gathering throng. This was a stall to allow the waiters to clear away the last remains of the hash briquettes and frozen pudding. Then came the real performance, which was a genuine professional production. During the show the students occupied themselves by sampling the mixed brand of "smokes" without which no Institute affair could ever be called a success. Cider, too, was flowing freely and by inside wire it is understood that the Holman delegation led the race, probably as a result of practice and good form. Another item used as a stomach satisfier was a newcomer amongst our midst, namely, the cheese cracker. That it will be a popular addition to the Technology Social Circle is evidenced by the enthusiasm shown at its coming-out party.

Program:—
Act I—Impersonations. Kendall.
Act II—Minstrel Show.
Topical Songs by the Authors of Tech Show. Byrd and Scott.
Act III—Rag Pictures.
Saxophone. Harroll.
Boxing.

The committee, appointed to manage the affair and to which the publicity and success of the whole thing was due consisted of M. A. Michaels, R. M. Boushgal, S. J. DeWitt.

The Combined Musical Clubs will have their pictures taken Sunday morning at 10:30 at Notman Studio, Harvard Square, Cambridge.

FRESHMEN BANQUET WILL COME FRIDAY

President Maclaurin Will Address Men of 1922 In Walker Memorial At First Official Gathering of Class

TICKETS SOLD TO 350

The freshman banquet which is to be held next Friday evening is expected to eclipse all former events of this sort in the number of men present, the variety of entertainment, and the excellence of the food. Between three hundred and fifty and four hundred men are counted on to attend, and although the percentage of the class present will not be as great as on some previous occasions, the total will be at least a hundred greater.

A jazz orchestra of six pieces has been engaged to play popular music and ragtime during the supper and the moving pictures, which will form the entertainment. As is customary, John Nash '20, president of the Junior class, will be toastmaster. President Richard C. Maclaurin and Dean Alfred E. Burton will be the principal speakers. Among the speakers on Field Day events will be Edward M. Brickett '20, who will give a short talk on track, Edwin D. Ryer '20 on tug-of-war, and B. F. Casey '20 on push ball. The crew, being already organized, has no Junior manager.

With the large attendance promised, the committee in charge feels confident of the success of the banquet, and promises all who attend a good time.

WILL VISIT CABLE CO.

The Electrical Engineering society has made arrangements with Mr. A. F. Lewis of the Simplex Wire and Cable Co. for visiting the Cambridge plant of that concern. In all two trips will be made: one today, and one on Friday, leaving room 10-203 at 1:45. As only thirty men will be allowed on each trip the management asks that no one sign up who is not sure of going. Any men who have signed up and will not be able to go are requested to cross their names off the list as soon as possible, so that someone else may take their place.

Early in April the society is planning to hold a joint meeting with the Wireless society. Professor George W. Pierce, director of the Cruft High Tension Laboratory at Harvard has promised to speak. Further details of this meeting will be announced later in THE TECH.

CALENDAR

- Wednesday, March 12
- 5:00—Banjo Club rehearsal. Room 10-250.
- 5:00—Sophomore-Freshman swimming meet in Boston Y. M. C. A. tank.
- 1:30—Wireless Society trip to General Radio Co. starts from Room 10-219.
- 1:45—E. E. trip to Simplex Cable Co. starts from Room 10-250.
- 9:00-5:00—Junior Prom. Committee Elections. Room 3-115.
- Thursday, March 13
- 8:00—C. E. Society Smoker in dorm dining room.
- 1:00—Varsity and freshman swimming squads meet for picture at Notman's Harvard Square studio.
- 5:00—Cast and chorus rehearsal in Coop. building.
- 5:00—Orchestral rehearsal in Walker Memorial.
- Friday, March 14
- 1:00 and 2:45—M. E. trip to Ashton Valve Co.; meet in lobby.
- 6:30—Freshman banquet in Walker.
- 1:15—E. E. trip to Simplex Cable Co. leaves from Room 10-250.
- Saturday, March 15
- 1:15—Technique Junior Board picture at Notman's Harvard square studio.

The Tech

Established 1881

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Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. THE TECH assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

Copy for Wednesday's issue of THE TECH must be in the hands of the night editor not later than Tuesday at noon, and for Saturday's issue not later than Friday at noon.

IN CHARGE OF THIS ISSUE

F. W. Adams '21 Night Editor
E. H. Koehler '22 Assistant

WEDNESDAY, MARCH 12, 1919

A STATE UNIVERSITY

A bill providing for a state university is being considered by the Massachusetts State Legislature. Massachusetts has never maintained such an institution as a university as do many of the other states; this has probably come about because New England and especially Massachusetts have been so fortunate to have within their boundaries many institutions of higher learning. In the middle and far western states universities controlled by the state have achieved notable success; why then should not Massachusetts finance a university?

It would seem a rather premature move to establish such an institution at this time. President Emeritus Elliot of Harvard claims that the appropriation instead of being used for a state university should be used to increase the standard of the high schools throughout the state. This is the more logical place to use such an appropriation because the high schools are finding it harder and harder to maintain a standard high enough for college entrance requirements. Why not then instead of establishing a state university use the money for a more urgent educational need?

Many of the supporters of the university scheme believe that an institution of this kind which would be free to students within the state, would create a social equality amongst the students. A millennium would be attained if such should come to pass. Social equality is impossible as far as we know today. This matter also of free tuition gleams brightly before some people's eyes for they have not stopped to consider that the majority of expenses incurred while at college are for books and living.

The strongest argument of the advocates of the scheme believe that a state university would increase the number of people who attend college. The experience of other states shows that this is not the case, but that there is no larger percentage of college students in those states than in others. It would appear therefore that the greater necessity at present is to give some aid to secondary education, rather than to embark in a new enterprise which can be handled more effectively by the colleges now existing.

THE TECH take pleasure in announcing the following elections: L. B. Barker '21, J. O. Bower '22, and J. Musnitsky '20 to the News Board; D. R. Linsley '22 and S. H. Rose '22 to the Sporting Department; and Montgomery Knight '22 and W. R. Scott '22 to the News Staff.

Alumni Notes

FROM THE CLASS OF '99

DAVID C. CHURCHILL, who was for nearly twenty years in India, is now located in Oberlin, Ohio.

FRANK F. FOWLE writes suggesting the publication of a Class book, containing portraits of each member of the Class and a concise account of his career since leaving the Institute. He adds that this might be something to have ready for our twenty-fifth reunion. Fowle states that he sees Hamilton, Watkins, Gillson and Huse occasionally and they all seem to be prosperous and busy. He is still in charge of the Central Union Telephone Co. as one of the receivers appointed by the State courts in Chicago some years ago.

G. D. EMERSON is at present Assistant Constructing Quartermaster at the Boston Army Supply Base, Boston, Mass. Emerson states that when he gets out of the Army, he is planning a more or less extended trip west.

E. HOSMER HAMMOND writes that he has just taken a position with the Dupont at the Harrison Works, Philadelphia, Pa. This plant manufactures paints and varnishes.

W. W. BONNS writes, stating that he has completed his graduate work at the Missouri Botanical Garden and is now taking his Ph.D. at Washington University. He is now Director of the Botanical Research Laboratories of the Eli Lilly and Company, Manufacturers of Pharmaceutical and Biological Products.

ALEXANDER R. HOLLIDAY sends a pamphlet giving an account of his work as Assistant Fuel Administrator for Indiana. Holliday is treasurer of the Publication Service Company. He is also president of the Noblesville Heat, Light and Power Company; President of the Indiana Railways and Light Company; Secretary-Treasurer of the Oakland Coal Company; Treasurer of the National Concrete Company and a director in a number of Indiana's manufacturing organizations. Holliday has been at all times closely identified with the public utility fields.

LAWRENCE ADDICKS spent most of last year abroad. He returned from a trip around the world last fall. He writes that he spent some time in Burma and India for the Burma Corporation. He acted in the capacity of Consulting Engineer. At the present time he is designing a zinc smelter near Calcutta and a copper refinery to be built in Spain. Addicks says that he spent four months in the war zone, partly on work connected with the Naval Consulting Board, and had many experiences, including being torpedoed in the Mediterranean.

FREDERIC TAPPAN is located with the British Columbia Electric Railway Co., Ltd., of Vancouver, B. C. He writes that he is so busy that he has hardly time to turn around, and does not see how he could attend a Class reunion this year. He says that he very much wishes that he could be present at a reunion because men from the M. I. T. are very hard to find in Vancouver. The last one he saw was Frank Fowle. This was almost seven years ago.

C. GARDNER BARRY writes from Sandwich, Mass., that since September, 1917, he has been working on the Cape Cod Canal after lapse of three years. At present he is wondering what will happen after the Government purchases the property.

BURT R. RICKARDS is now Assistant to the Deputy Commissioner New York State Dept of Health, located at Albany, N. Y. He is editor of a very interesting pamphlet called "Health News," which serves as a monthly bulletin of the New York State Dept. of Health.

The secretary also spent a very pleasant evening at the Chemists' Club last month with Earle B. Phelps. Phelps is moving to New York to take up consulting work. His experience with the Government practically assures him of a successful practice.

The secretary, WM. COURSE, mailed a circular letter with the bills for Class dues, asking for the opinion of members of the Class as to the advisability of holding a twentieth Class reunion this year. Numerous replies have been received. The answers from these will be tabulated and the results written to the members of the Class. There are quite a number of men who are very anxious for such a reunion. The suggestion has been made that a reunion be held at the Lake Placid Club, Lake Placid, N. Y. A cottage could be secured at that Club where all the men could room together and take meals at one of the central club houses. Those

of our members who have been at the Lake Placid Club know the facilities for all outdoor sports that the Club affords. Golfing, tennis, rowing, mountain climbing and picturesque walks are available to everyone. Every member of the Class is urged to send in to the secretary his opinion regarding such a reunion for this year.

WILLIAM HULTZ WALKER, professor of chemical engineering and director of the research laboratory of allied chemistry at the Institute, has been chosen a trustee of Pennsylvania State College by the general alumni association of the school. Professor Walker was appointed lieutenant-colonel in the chemical service of the National Army in December, 1917. He was granted leave of absence from Technology and was placed in command of Edgeworth Arsenal where he has been engaged in work on gas offense. In 1915 he was awarded the honorary degree of Doctor of Science by the University of Pittsburg, for important discoveries and inventions in the field of industrial chemistry.

TECHNIQUE ELECTORAL COMMITTEE STARTS WORK

Board to be Elected by Process of Elimination.

The Technique Electoral committee which was elected two weeks ago by the Sophomore class, has already started work in earnest on next year's Technique board. W. H. Young, chairman, expects to call a meeting of the committee today, and at that time elections and nominations will start. It will be necessary to hold at least two and probably three meetings each week until the board has been chosen, and that will take some time, as one who knows the duties of the committee can readily see.

The most important work is the election of the editor-in-chief, which is done as follows: twenty-five men from the Sophomore class are nominated for the position at the first meeting, and their names are laid on the table for consideration until the next. At that time a discussion of the nominees is held, and the list is cut down to eight names. This goes on, and each time the list is cut in half and the names are held over for consideration until one from the last two is elected. This same method is used in all cases except the elections of the art editor, business manager and associates, and the treasurer, whose elections are held upon recommendation by the Technique board of last year. These elections will necessitate many meetings, and to see that the members of the committee attend regularly, fines for absence from and lateness in attending meetings have been decided on. After elections are through, the newly elected editor-in-chief takes charge of the meetings of the electoral committee, but until then chairman Young will preside. With good active men behind it, the committee is showing life and if it keeps up its first appearances a good Technique board will result.

M. I. T. WIRELESS SOCIETY TAKES FIRST TRIP TODAY

The M. I. T. Wireless Society will open its series of trips to electrical manufacturing concerns this afternoon by visiting the General Radio Company of Cambridge. This company has been doing important Government work during the war, especially in airplane and wireless telephone transmitting and receiving sets. The new wireless telephone audio transmitter and numerous other devices, hitherto kept secret for military reasons, and all of which have been developed by this company, will be explained to the members of the society.

The trip will be made in two sections, one going today and the other tomorrow. The parties will leave the Institute from room 10-219 at 1.30. There is a limit of thirty men on each trip so the officers request men who wish to go to sign the list at the society's office.

A campaign has been inaugurated to obtain a correct list of all the members of the society in order that the insertion in Technique 1920 will be correct. The officers desire the hearty cooperation of all members in this campaign.

USE OF SHALLS BY CREW POSTPONED TILL APRIL 1

Because of financial conditions, the opening of the B. A. A. boathouse has been postponed and the Technology crews will be unable to practice on the Charles river until the first of April. The work on the rowing machines will continue as usual, and the management wishes to warn all those who have cuts to make up that they should do so at the first opportunity.

Alumni personals, news of class and alumni associations, and other alumni activities will be gratefully received. The prompt arrival of such information will facilitate the work of the Associate Editor in making the department as timely and complete as possible.

TECHNICALITIES

BY JIM

When a Feller Needs a Fren.

Oyez, oyez, the time is kaming when a feller needs a fren. The deadly exams. are once more with us, and many of us can already see the fatal handwriting on the wall. What are we going to do about it? Kram, boys, kram; 'tis your only salvation. But cheer up, Spring is also with us, and in the springtime you know a young man's fancy lightly turns to thoughts of—oh, well, anything you like: some folks say love. I say the open country and the grassy grass and the flowing waters and the rolling seas and things of that sort. Life takes on its accustomed look as it were, and we assume our natural habits and we crawl out of our shell, and we cast off the winter garment, and we get out our spring duds, and we do the spring cleaning and we shine up the Ford, and we urn up the road, and we gaze at passing scenery, and we anticipate the time when we can leave ourselves in the drink down at Revere Beach. Yea, verily, the joys of life are many here upon this bank and shoal of time when the spring is in the air. Ain't you got a Stein song that tells you all about it? Maybe sum of you dead 'uns don't know what the stein song is, well; you ain't worth telling so I won't tell you. And that reminds me; Why is a vacuum, if not, how, and if so, when? Well, according to his highness, The emporious kurator of apparatus the answer is, "Because it ain't." There isn't much sense in this line of bunk, but then there isn't supposed to be, an' I couldn't recognize it if there was any. And now we have come to the parting of the ways, I hear my books calling me in anguished accents, I must renounce the tinsel fascination of fame and seek the seclusion of a student's cell, because, friends, I absolutely must knock those exams, cold. So with these few tender parting remarks I'll bid you all a fond farewell and say "Adoo" until after the vacation.

NOTICE FROM TECHNIQUE

All Wandering Greeks at the Institute should sign the official book on the Main Lobby Bulletin Board.

COMMUNICATION

Ste. Anne de Bellevue, Que.
March 6, 1919.

Dear Friend Capps, and others on the Tech:—

It is ten years ago that we celebrated the twenty-eighth anniversary of the Technology Newspaper, and I wish to congratulate you on the success you have made with this important activity of the students.

You may be interested in the copy of the Pulp & Paper Magazine that is being sent you under separate cover, since it is largely due to the experience gained as a member of THE TECH staff, and the appetite for journalism begun at that time that I now hold the position as editor of this magazine. With best wishes for the continued success of THE TECH, I remain
Sincerely yours,
(Signed) J. N. STEPHENSON '09.
Editor.

SHOW POSTER COMPETITION ON

For the benefit of those interested in the poster competition the management has given out the following information: The poster is to be in not more than three colors, including black, but as a white background is to be used the skilful artist will practically have four colors to work with. The wording is to be: TECH SHOW 1919 "A DOUBTFUL MEDIUM," with TECH SHOW standing in the greater prominence. The subject of the design need not be dependent on the title. The size of the poster, when reproduced will be 12in. x 18in., but in order to secure satisfactory detail in the reduction the original will have to be two or three times as large as the finished product. In selecting the winner of the competition it has been customary to use the second choice poster for the covers of the scores and the programs. Perhaps the best poster ever made for the Tech Show is the one "Fanny" Freeman made for "Getting A-Cross." A copy of it may be seen in the Show office. All candidates should have their posters in by April 5th.

ORCHESTRA REHEARSAL TO BE HELD THURSDAY

Contrary to the usual schedule the next M. I. T. Orchestra rehearsal is to be on Thursday instead of on Friday. The rehearsal will be held in the Walker Memorial at 5. It is necessary that everyone who wants to make the Show orchestra be there, as some very important announcements are to be given out. Some of the music for the Show is expected to be there and the orchestra will probably be picked shortly.

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**MORE CARTOONS WANTED
BY VOODOO ART STAFF**

The second issue of the Institute's new publication, the Voodoo, will be released on the first day of next term and, according to the editor-in-chief, will contain many new and improved features.

Plans have been completed for a better and more extended theatrical section, which will include reviews of shows, playing in Boston, as well as pictures of the casts of the more important ones. Many drawings and cartoons are scheduled from men in Course IV which, it is expected, will be a considerable improvement over those in the initial number, and the board requests that all men in the Institute who have any material for these should turn it in at the office.

HOW ABOUT THOSE STORIES?

In response to the request of the Aeronautical Information Branch of the Army, which was published in the last issue of THE TECH, several stories of the personal experiences of members of the air service have been turned in. Mrs. George already has quite a collection of interesting anecdotes. The director of Military Aeronautics urges that all men who can contribute much or little in the way of personal sketches about their experiences in the air, hand in these stories as soon as possible. All Institute men who have been in the Air Service overseas should turn in their stories to Professor R. E. Rogers in room 2-275.

AVIATION STORIES WANTED

Information in answer to the letter below may be given to Prof. R. E. Rogers, 2-275, who is collecting the material for the government.

"To the Students of Technology:
"The Director of Military Aeronautics asks your cooperation in the following matter, which is important to the Air Service of the country and which may be of yet more intimate concern to the locality and to the institution with which you are associated.

"This office is making every effort to assemble the personal stories of the men who have been with the Air Service overseas. It seems not unlikely that the better part of each story is contained in letters to friends and relatives at home. Letters from some of our aviators have already appeared in book form and in the magazines, and from time to time college publications have had occasion to print appreciations of fliers killed in combat.

"Such informal records may supply information of historical value to be had from no other source—information which should find a place in the written history of the country.

"The Director of Military Aeronautics therefore makes this request: that, with the full sanction of those most concerned, this office be furnished with copies of such letters, or excerpts from them, and likewise with copies of any of your student or alumni publications that have contained articles pertinent to this subject. It would be gratifying.



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also, if you would interest your townspeople in this matter, and would obtain the cooperation of the local press. Whatever you can do to further the assembling of this data—and with reasonable haste, that nothing may be lost,—will be deeply appreciated here." Communications in reply should be addressed:

Director of Military Aeronautics
6th Street and Missouri Avenue
Washington, D. C.
Aeronautical Information Branch."

SPIKES

Although a recent article in THE TECH seemed to show that Downey '21 lost ground against Dartmouth in the B. A. A. meet, this was not the case. Bawden '22, showed good time Saturday when he did the half in 2.05, but this is not up to his time in practice.

Spitz '21, ran a fast quarter in the Freshman-Sophomore meet Saturday, but he was not fast enough in the 70 yard dash to beat out King '22.

Hamburger '21 is showing the ear marks of a fast man.

Purell '22 pulled through a good 4.45 in the mile, although he was not pushed on the last laps.

The fact that the weight men fell down in competition Saturday has led Coach Kanaly to set competitive meets for every week next period.

Twenty-two men, including such varsity material as Allen '22, failed to appear to represent their classes in the Freshman-Sophomore meet. Has all that class rivalry died out already?

**PROFESSOR SWAIN WILL
TALK AT C. E. SMOKER**

Professor Swain will speak to the Civil Engineering society on Thursday at 8 in the dorm dining room, on his recent trip to France. Professor Swain was one of the commission of American engineers invited by the French Society of engineers to visit France and to give ideas on present engineering problems there.

Professor Swain is a former president of the American Society of Civil Engineers, and has held many positions high in the field of civil and general engineering. The Civil Engineering society feels itself very fortunate in being able to procure a man of such calibre to address them. All freshmen intending to take Course I are invited to attend these meetings of the Civil Engineering Society.

Last Saturday a few members of the society went to the army supply base in South Boston on the initial trip of the season. Professor Spofford met the men at the gate, provided the necessary badges, and started them off with five guides, who had been on the job during the construction of the base. The men were shown everything which was of interest, the outstanding features of the work being explained in detail by the guides.

**HAVE YOU SIGNED FOR M. E.
TRIP?**

All members of the Mechanical Engineering Society who wish to take the trip to the Ashton Valve Company's plant in East Cambridge, should consult the bulletin board opposite the Bursar's office. Men will be able to take the trip on Tuesday, Wednesday and Thursday at 1 and 2.45, preference being given in the order of the sign-ups. The parties will start from the main lobby and will be limited to twenty men each.

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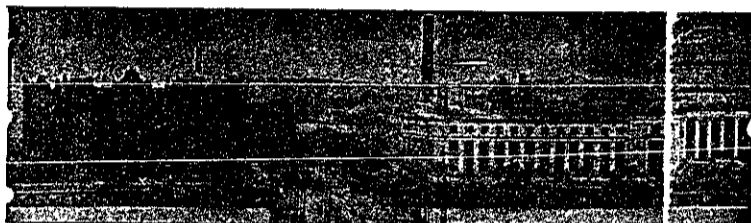
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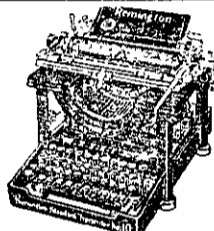
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ELECTRICALS HOLD SMOKER

(Continued from page 1)

One very interesting feature of the generating plant itself is the completeness with which the minutest interruption of service is recorded in the office of the load dispatcher, and the completeness of control which he has over the resuming of service. What the interruption of service for any length of time means to the manufacturing concerns of Boston may well be realized when the case of the Gillette Razor Company is considered. This concern, turning out razor blades at the rate of ten thousand a minute, would suffer an enormous loss if current were shut off for more than several seconds, for such an interruption in the electrical hardening and tempering process utterly ruins every blade which is being treated at the time. Other examples of firms seriously affected by the loss of electric power are the pigment makers, glass blowers, and iron and steel purifying plants. When these cases are considered, it may be seen under what tremendous responsibility the load dispatcher is placed. Accordingly, he has under his entire control, by a system of relay switches and signal lights, every main switch and circuit in the far-reaching and extremely complex Edison system. What such an extensive control means and its practicability of application to a generating and relaying system, as enormous as that of this company, has been the crowning feature of success of the concern's public service.

To enable so complete a control over service maintenance not only means the development of such an intercommunicating system as the load dispatcher manipulates, but it also means the constant operation and preparation for operation of an enormous number of auxiliary devices for both alternating and direct current production. A good example of this is the storage battery banks, with which the direct current sub-stations are equipped, and which are capable of carrying the complete direct current load for a period of one hour, with every transformer and rotary converter in the station dead.

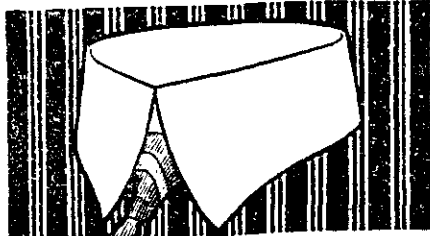
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station with the water power station at Southborough, and thus conserve coal and also insure even better service than the present system now affords, a heavy high voltage transmission line is being installed between these two points. This is only one of the many developments which the Edison system is now undergoing and which has enabled Boston to have one of the most efficient electric power generating public service corporations in the country. The lecture was made more interesting by a series of lantern slides of various Edison stations. Mr. Elden also gave the men some very valuable information concerning the future prospects for engineers in the public utility game, and promised a good chance in the electrical cycle of power plant development for every one who was willing to show what Technology produced in the way of technical men.

The talk was thoroughly enjoyed and appreciated by everyone present, and shows that the Electrical Engineering Society is one of the live activities about the Institute this year.

SIGMA ALPHA EPSILON FOUNDERS' DAY BANQUET

One hundred and twenty-five members of Province Alpha, Sigma Alpha Epsilon fraternity, embracing the six New England States, gathered at the Hotel Brunswick for the annual Founders' Day banquet.

Capt. William R. Buckminster of the 101st Infantry, who was graduated from Harvard in 1894, the principal speaker, recounted some of his war experiences. Charles E. Lawrence of Belmont, head of Alpha Province, presided, and Hale K. Rising, who represented the Boston alumni, spoke.

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PUNG MEETS DEFEAT IN BOWLING MATCH

Institute Loses Cup When Scott
Defeats Manager of Memorial
Alleys—Close and Thrilling
Contest

LOSER TO TRY AGAIN

Henry M. Scott of the Boston City League, defeated Eddie Pung, manager of the Walker Memorial bowling alleys, in a ten string match held in the Memorial Monday night by a score of 1074 pins to 1037 pins. A cup which Eddie intended to give to the Walker alleys in the event that he had won as the first one of the series that he hopes the Institute men will secure in the future, was put up on the match. Pung signified Monday night his desire to bowl Scott again in the near future and make another try for a cup to give to the alleys.

Many Technology men viewed the bowling contest, and much enthusiasm was expressed throughout Eddie's fight to beat out Scott, after the latter had obtained a rather large lead. Eddie's bowling was boosted in the ninth string, when making a strike and four spares. He secured the high string of the evening with 131 pins to his credit. During the whole contest his rolling was characterized by his ability to secure high scores when his opponent's lead became too large. Going into the eighth string Scott had secured by consistent and judicious bowling a lead of forty-two pins, but by the end of the ninth this lead had been cut down to three by the home roller. The final outcome of the match rested on the last string when Eddie made one of his poorest showings of the evening, with only 90 pins, and Scott romped away with the cup by a margin of thirty-seven points.

(Continued on page 4)

PRIZES TO BE AWARDED FOR TECHNICAL PAPERS

A. S. M. E. Opens Contest For Original
Papers By Students

Two funds of \$1,000 each have been established by the American Society of Mechanical Engineers, the interest from which is to be given in the form of prizes for the best technical papers written respectively by a junior member of the Society and by members of the Students' Branch.

The interest on the fund devoted to the Students' Branch will be divided between the two members of that branch who submit the best original papers on some subject related to engineering. The papers will be judged by a committee appointed by the officers of the Society, and the following points will enter into the decision: applicability (practical or theoretical), value as a contribution to mechanical engineering literature, completeness, originality, and conciseness. All papers must be written without aid from any other person, and papers which have previously been contributed for competitions, or which have previously been published under the auspices of the A. S. M. E. are not eligible for the present competition. All papers must be turned in by June 30 of this year.

Further particulars in regard to this contest may be obtained from the Department of Mechanical Engineering of Technology.

BIDDELL HAS SPRAINED WRIST

Sidney M. Biddell, president of the Class of '22, arose at the freshman banquet with his left arm in a sling. He sprained his wrist Thursday afternoon in the Y. M. C. A. tank. The sprain itself is not serious, according to the doctor, but bad enough to keep Biddell from swimming during the next three weeks. This means seriously handicapping the varsity and freshman swimming teams. "Sid" is captain of the freshman swimming team and has been one of the best swimmers that the team has. He is also one of the mainstays of the Varsity, being a consistent point winner.

MILITARY SCIENCE BULLETIN

The following bulletin, dated March 15, has been received from the Department of Military Science.

"While we have received no official notice as yet about the uniform question, the Army and Navy Journal announces that among the bills passed and approved by the President is 'H. R. 13366—To permit discharged soldiers and sailors to retain uniforms.' 'While the exact terms of this bill are unknown, it would seem clear that no uniforms need be turned in which were issued to the S. A. T. C. Should subsequent information make any change in this statement it will be so announced.

"EDWIN T. COLE.
Colonel, U. S. Army, Ret.
Prof. of Military Science."

INSTITUTE TO ENTER STRONG TEAM AT U. OF P.

Technology to Run Fast String
of Men In Annual Carnival
On April 25 and 26—Many
Records May Be Broken

300 COLLEGES TO RUN

Pennsylvania's Annual Relay Carnival, to be held on Franklin Field, Philadelphia, on April 25 and 26, looms up once more as one of the great athletic meets of the year. The list of teams entered is already approaching the 300 mark, and it now looks as if every star college athlete east of the Rocky Mountains will be on hand for the great classic.

All the big colleges of both the East and the West have sent word that they will be on hand. The track meets of the past two weeks indicate that the calibre of the teams entered will be well up to per-war standards. Technology Harvard, Princeton, Cornell, Chicago, Michigan, Columbia, Dartmouth, Notre Dame, Yale and many other colleges have had their athletes in action and some remarkable performances have been seen. In the East the University of Pennsylvania and Harvard have made the best showing in relay racing. Pennsylvania's one mile team has shown itself the fastest indoor team in the East. In the West, Chicago has a simi-

(Continued on page 3.)

SIZE OF PROVOST GUARD IS CUT DOWN

The Provost Guard of this city who are now stationed here at Technology in the old S. A. T. C. barracks have been reduced to the minimum according to Colonel Bewer who is in command of this post. He stated that four hundred men were discharged last week and that one hundred more would get their papers this week. Beyond that very few men will get their discharges as three hundred, the number now on duty was the smallest that the force could be and still carry out the policing of Boston efficiently. The remainder of the men would be gradually mustered out as the number of troops arriving from the other side decreases. Colonel Bewer also said that quite a number of men were re-enlisting under the law enacted last October to the effect that soldiers could re-enlist for the period of from one to three years. At the time of re-inlistment they were to get two months pay and besides that a vacation for a month before they could be again placed in active service.

The officers have moved out of the Y Hut which is in the process of being torn down to make room for the Pratt School about to be erected by the Institute, and have taken up their abode in the old activities building which is being re-modeled to suit the peculiar needs of a headquarters building. Prisoners taken by the Provost Guard are also kept on the grounds. These unfortunates have to work here a few days and are then sent to Devens where the enormity of their crimes is carefully considered. If the malfactor happens to be a discharged soldier in uniform he is kept a few days at hard labor and then let go.

THAT'S ALL THERE WAS—THERE WASN'T ANY MORE

There were 3200 copies of THE TECH printed for undergraduate and Alumni distribution last Saturday. Before 2 the entire number allotted for sales in the corridors of the Institute—over 500 copies—had been sold. Moral: Print more TECHS—we will!

"MAISON" GIVES SITE TO THE UNIVERSITY UNION

American Interests Affiliated With
French Society.

At the Cercle Interallie, a reception was held recently in honor of the French Honorary Patrons of the "Maison des Etudiants." At this meeting Mr. James Hazen Hyde, chairman of the original committee of the "Maison," explained the merger of the interests of the "Maison" with those of the American University Union in Europe.

The Union has maintained, during the war, an American center and University club in Paris, where between 25,000 and 30,000 former students of American universities, who have been engaged in military service in Europe, have registered.

The Municipal Council of Paris presented to the original committee of the "Maison des Etudiants" a valuable piece of ground between the University

(Continued on Page 3)

NEW COURSE OFFERED

Military Aeronautics To Be
Given At Institute By U. S.

Students at Technology have always been interested in the development and progress of any new and far reaching scientific development. During the past few years they have been particularly interested in the practical application and the unfolding problems of aeronautics and aeronautical engineering, following closely the strides made in design and manufacture, as well as the research work done in the search for more efficient performance. The impetus given this interest by the war resulted in the construction of experimental wind tunnels, and the inauguration of a course in Aeronautics here at the Institute, showing, as always, that the Faculty and Officers of Technology aim to keep fully abreast of modern science, turning out men fully prepared to cope with the most modern engineering problems.

During the period immediately following the entrance of the United States into the war, the enrollment at Technology was rapidly depleted by men entering the service, a very large number taking up one of the various branches of Aviation. The opening of a ground school of Naval Aviation, with the incentive of actual contact with the men who were to become flyers, caused still more men to find attraction in this branch of service.

Considerable interest and importance, then, will be attached to the fact that the Government is laying complete and definite plans to establish ground schools in all colleges and institutions that can offer the proper facilities for training and instruction. Technology, of course, is to be one of the first to offer this course to her students, and it is the plan of the Government to have the plans and details of the work ready for complete announcement within a short time. The course is to open next fall, and will comprise instruction in the Ground School work, with two terms at Flying School of six weeks each, these periods coming during the summer vacations of

(Continued on Page 2)

NOTICE—TECH SHOW 1919

All Sophomores and freshmen candidates for the business department of Tech Show 1919 are to report to P. Bugbee in the Show office, Walker Memorial, before Wednesday, April 2.

NO BONUSES GIVEN AT BURSAR'S OFFICE

Rumor That Army and Navy
Men Can Secure Government
Remittance at Institute Is In-
correct

MUST APPLY BY LETTER

The Bursar's office is in no way connected with giving out the bonuses to the men discharged from the S. A. T. C. or S. N. T. C. The original copy of the discharge or release papers must be sent to Washington. According to the bursar, a copy of this paper should be certified before it is sent so as to safeguard the sender. The army men should send their papers to the Zone Finance officer, Lemon building, Washington, D. C. Those of the navy should send theirs to the Navy Disbursing officer, Bureau of Supplies and Accounts, Navy Department, Washington, D. C.

The following form of letter is to be sent, accompanied by the original paper:

Dear Sir:—I understand that a bill has been passed authorizing the payment of sixty dollars bonus to discharged (or released) enlisted men. As I have been honorably discharged (or released) from the service, I respectfully request that such bonus be sent to me. I am enclosing in this letter my discharge certificate which I should like to have returned to me with my check.

DISABILITY NO BAR

Maimed Student Takes Course
At Institute

A shining example in courage, persistency and steadfastness in the face of difficulties and discouragements is the case of Aubrey S. McLeod '21, the young Marlboro man who, minus both legs lost in doing war duty, is spending six hours every day at Technology working as hard as any able-bodied student to gain an education in technical subjects.

The story of McLeod was told to a Legislative committee recently by Maj. Michael W. Murray, director of the vocational schools in Newton, as an example of what might be accomplished by the bill providing for a study of the practicability of furnishing education in State hospitals. Maj. Murray said that McLeod's case was but one of hundreds he could cite.

He did not state, however, and perhaps did not know, that McLeod is but going on with the plan of education that he was in the midst of when the trouble at the Mexican border resulted in his enlistment, and his continuation in army pursuits until he was the victim of a Hun airplane bomb.

Bombed in Hospital
McLeod is a Marlboro boy, his people having moved here from Indianapolis when young McLeod was a student in engineering at Perdue University for two years. He went to the border with the 1st Indiana Field Artillery, served his time there and when the war with Germany was declared, joined the Harvard Hospital unit, headed by Dr. Harvey Cushing.

He was on duty in the hospital east

(Continued on page 3)

SWIMMERS ENTERED IN INTERCOLLEGIATE MEET

Technology's Fast Mermen Ex-
pected To Come to Fore In
Tank Contest On March 22

TO BE HELD IN NEW YORK

The Technology Swimming team will send a strong delegation of mermen this year to the Eastern United States Intercollegiate Swimming association meet, which will be held at the tank of the City College of New York Saturday, March 22. This contest is an individual affair, and promises to be the scene of very fast, if not record breaking, swimming. The colleges, other than Technology, which are entered in the meet are Yale, University of Pennsylvania, Brown, Princeton, Rutgers, Columbia, the City College of New York, Amherst and Wesleyan.

The Institute will enter men in the 50-yard, 100-yard, 220-yard dive and freshman relay. In the first of these events, Technology presents strong entries in Untersee '19, Scranton '20, and Cornell '21. These three men, especially Scranton, under the coaching of Sutherland, have shown wonderful progress in form and speed, and promise to do themselves credit in this event. They are, however, strongly opposed by Binney of Yale, and Rodgers of Columbia. In the recent meet of Technology with Yale, Binney defeated Scranton by three inches, but the former was beaten by Rodgers, who in turn was defeated by Scranton. These several events show that the race should be excitingly close. Binney has broken two intercollegiate records this year, making as his best time, 24 4-5 seconds. Two other strong men in this dash are Georgy and

(Continued on page 2)

PROM COMING MAY 30

Junior Committee Will Open
Sign-Ups April 1.

The Junior Prom Committee, at a short meeting held the first part of the week, made all the necessary arrangements as to the place and time of this year's Junior Promenade. The committee decided to have the affair take place on Memorial Day, May, 30, at the Copley-plaza Hotel in Boston, from 9 in the evening until 4 a. m.

The Juniors have further announced that signups for this year's Prom will be available on the first day of the coming period, so that men will have plenty of time to avail themselves of opportunity to attend what the committee assures will be the most-remembered of all the Junior Proms in the history of Technology.

The five Juniors in charge of the arrangements, Akers, Coiren, Whitaker, Roman and Gee, will meet regularly from now on until the final program is completed.

COMPANY H DRILLS OVERTIME

Company H of the Junior Grade freshman regiment was given fifteen minutes extra drill Saturday for insubordination. The other three companies were dismissed fifteen minutes early while H Company was double timed around the drill field. These men have found that it is not to their advantage to consider drill as a lark where fooling of all kinds is allowed.

The next Dorm dance will be held on April 4, not April 14, as was erroneously stated in the last issue of THE TECH.

NOTICE FROM TECHNIQUE
All Wandering Greeks at the Institute should sign the official book on the Main Lobby Bulletin Board.

The Tech

Established 1881

Published twice a week throughout the year by the students of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. THE TECH assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

Copy for Wednesday's issue of THE TECH must be in the hands of the night editor not later than Tuesday at noon, and for Saturday's issue not later than Friday at noon.

IN CHARGE OF THIS ISSUE

H. D. Folinsbee, Jr. '22 Asst. Night Editor
E. H. Koehler, Jr. '22 Assistant

WEDNESDAY, MARCH 19, 1919.

WINGS FOR TECH MEN

AN article in a neighboring column calls attention to the latest announcement of the Government of its intention to establish ground schools of aviation at a large number of colleges and schools throughout the country.

This should prove most interesting to red-blooded Technology men, even more so when it is announced that details for the course at the Institute are already being laid, that the instructors are to be chosen from the ranks of the mentors already here. The course will be conducted with all the characteristic thoroughness of Technology, and the graduate can be assured that his training will leave him a finished aviator.

Undoubtedly the War Department has made a wise move in offering this training to the colleges. It is there they draw their largest percentage of cadets, and it is logical that the college student should have his schooling in the branch of Military Service in which he expects to serve his country, in a possible emergency. At the same time he is preparing for the life work that he has chosen. The Government is giving the college men a chance to kill two birds with one stone, and it will be an unwise student who turns down the opportunity.

THE FUTURE FOR WRESTLING

WITH a victory over Brown, the wrestling season came to a close last week. In spite of adverse conditions at the start of the year, the mat men have come up to the achievements of previous teams in every way, and deserve commendation for their hard fighting qualities. Although the personnel of the team has been made up largely of inexperienced men, all have displayed great natural aptitude and ability at the game. Furthermore, several athletes, prominent in college wrestling circles, have signified their intention of coming to the Institute next year, and when it is considered that not a varsity man will be lost by graduation, the future seems bright for one of the strongest teams in the history of Technology. Indeed, the championship of New England would not be too high an aspiration.

At other institutions, wrestling meets are something of a social event. Both sexes attend, and after the bouts are over, a dance is usually held. At colleges where the game is a major sport, notably Penn State, crowds of fifteen hundred people are not unusual.

Alumni Notes

SAMUEL M. SCHMIDT '11 has already been in the Holy Land for some months as sanitarian to Dr. Finley's commission. Mr. Schmidt was for a while inspector with the health department of Boston. He then went into social settlement work in this city. Later he went to Cincinnati, Ohio, where he followed the same line of work. He returned to Boston a short time before being sent to Palestine by Dr. Finley.

L.T. SIDNEY B. BLAISDELL '18

The engagement of Miss Eleanor May Platt to **LIEUT. SIDNEY BRIGGS BLAISDELL '18**, U. S. N., has been announced by the parents of Miss Platt.



L.T. SIDNEY B. BLAISDELL '18

Lieutenant Blaisdell is the son of Mr. and Mrs. Sidney S. Blaisdell of Providence, R. I. He prepared for Technology at the Providence Technical High School.

SERGT. RALPH MALCOLM '15, son of Selectman and Mrs. George E. Malcolm, of Stoughton, Mass., died from pneumonia while on his way home from France, according to a radio message received from Capt. King of the steamship America.

Sergt. Malcolm was born in Stoughton, Mass., July 14, 1892, and graduated from the High School on June 21, 1910 and from Technology in 1915. He entered the employ of the New York Commission Jan. 25, 1919.

He entered the State Militia in New York in 1915, went to the Texas Border during the Mexican trouble in 1916 and saw eight months' service. He was mustered into the Federal service on June 16, 1917, and sailed overseas July 3, 1918. He was in the St. Mihiel drive, after which he was sent to an artillery school and received his certificate of merit. He was transferred to his regiment, Battery F, 105th Field Artillery, and was coming home with his regiment when he died.

MISS CLARA McWHIRK, who took the special war course in biology and public health given by Professor Sedgwick last year, has just received an appointment as bacteriologist for the Red Cross Commission in Palestine. Miss McWhirk on leaving the Institute went to France in the Bureau of Medical Research and Intelligence of the Rockefeller Foundation and has just been commissioned to go with the Palestine group. The Red Cross is maintaining a regular American hospital in Jerusalem of fifty-two beds, and in connection with it a thoroughly equipped laboratory and dispensary, a children's hospital and clinic, and work rooms.

GET READY FOR SUMMER

Important Bulletin On Summer Courses Issued by Committee

All students who anticipate taking work during the summer should register their intention at once. Cards for the purpose may be obtained and turned in at the Information Office. (This registration is not binding).

Not a small number of men are at present irregular in their standing. Effort will be made to help such students make up past work, and summer courses will be offered in all subjects for which there is a need. Admission to courses in October will be dependent on clear standing in the work on which the subjects depend. All students should endeavor to begin the school year with a clean slate.

As an aid to the committee, students should respond to the stated request immediately in order that proper provision can be made for their needs. Failure to attend to this matter at once may bring disappointment and embarrassment later.

COMMITTEE ON SUMMER COURSES
Charles F. Park, Chairman

BUILDING OF PRATT MEMORIAL IS BEGUN

Plans For New Building Are Already in the Hands of Stone & Webster — Work Will Be Started Shortly

ON SITE OF "Y" HUT

According to the latest plans the new naval building which will occupy the space now utilized by the rapidly vanishing "Y" hut, will be an extremely imposing as well as useful edifice. The preliminary construction work will be started shortly, and it is expected that this new addition to the Institute will be completed by next fall. The Pratt Memorial, or Building 5, as it will be known, is to extend 175 feet behind the materials testing laboratory, parallel to Massachusetts avenue, and will be sixty feet wide and three stories high.

The main entrance will be similar to that of the remainder of the Institute buildings, except that it will have a larger lobby than the others. This lobby will lead into the Naval Museum where various models of ships will be on exhibition. The remainder of the first floor will be taken up by recitation rooms and by the offices of the instructing staff. On the second floor there is to be a model shop, a library, and an aeronautical drafting room. The third floor will be utilized for the drafting rooms, which will be lighted by skylights. The basement is to be left empty, pending definite decision as to its use.

CHEMICAL SOCIETY MAKES SECOND TRIP OF THIS SEASON

Pay a Visit to the Boston Woven Hose and Rubber Company's Factory.

The Chemical society took its second trip of the season Monday, when it visited the plant of the Boston Woven Hose and Rubber Company in Cambridge. About 25 men left the Institute at two o'clock under the leadership of L. W. Gilliatt '20. At the factory the party divided into two groups, each with a guide. Contrary to the belief of many of the visitors, the products of the hose plant consist of fire-hose, garden-hose, and fruit jar rings, but not that article of feminine apparel of the same name.

reclamation of old rubber is accomplished. The scrap rubber is thoroughly chopped up, heated between revolving cylinders, and pressed into sheets. The plastic product is then sent to another part of the plant where sulphur, new rubber, and a filler are added. After being mixed and while still hot the rubber is taken to the tube room where it is forced out through a die into tubing of the desired diameter and thickness. This is cut in 60 foot lengths, wrapped with fabric, covered with a second rubber tube, and the whole placed in steam ovens, where it is cured.

In other departments the visitors inspected the manufacture of rubber soles and heels, friction-tape, belting, artificial leather, automobile tops and fruit-jar rings. The fruit-jar rings are made like large pieces of hose about four feet long, which are then cut out into slices to obtain the desired thickness. The guide stated that this small article probably was the most profitable thing made at this plant. Finally the party visited the power-plant where all the power used in the factory is developed. The program committee and those who took the trip express their appreciation of the privilege of inspecting the factory.

PROF. VOGEL WILL RETURN SOON

Professor Vogel, who because of illness has been absent from his post for the last month, is now on the road to recovery and expects to return to his desk at the beginning of the next term. His work for the government and his duties here at Technology kept him under a severe strain all of last summer and it was because of overwork that he was compelled to drop everything and remain at home. The professor is now, however, about ready to resume his duties and hopes to be able to attend any faculty meetings which may occur during the vacation.

SWIMMING MEET

(Continued from page 1.)

Johnson of Princeton. In the last year's intercollegiate, Johnson defeated Untersee of Technology.

In the 100-yard dash, Untersee is expected to star, with Scranton a close second. Pitted against the Institute entries in this event are Hincks of Yale, Johnson of Princeton, and Cowles of Amherst. The first of these three is a

very strong swimmer, and is anchor man in the Yale relay team which has recently broken a world's record. C. D. Greene '21 promises to make a good showing in the 220-yard event, and is opposed by Schiff of Columbia, Lehman of the N. Y. C. C., and Hopkins of Yale.

For the first time in its history, Technology will enter a freshman relay team. Freshmen are not allowed to compete in the individual contest of the intercollegiate and therefore a freshman race is held every year which gives the sporting world an opportunity to see what material there is to offer for the following year. This race covers a distance of 800 yards. The Technology team is expected to place in this race, according to the swimming manager, for it has a strong team in the field. Biddell, Fish, and two out of Rudderham, Green, or Rand will engage in the race. There is a strong opposition offered by Yale, Princeton and Columbia. Biddell will be undoubtedly hampered by his sprained wrist, but will nevertheless compete. There will be no Varsity relay race. The team will leave Boston Friday evening and return the following Monday.

NEW COURSE OFFERED

(Continued from page 1)

the second and third years.

This course of instruction, which will turn out full fledged, commissioned flyers at the end of their four years stay at Technology, will be open to students from the Sophomore year on, it being considered desirable that the freshman year be devoted to drill and general military training. The work at ground school will probably not demand more than three hours per week, while summer flying school will be of the nature of one of the summer training camps so popular as a vacation and recreation point before the war, such as was at Plattsburg. Fully capable instructors will come to the Institute to take care of the theory and design of machines and with the splendid equipment and facilities offered here the instruction can be made as thoroughgoing as would be expected in any subject offered in the Institute's curriculum.

The Boston Transcript, in a special article regarding the opportunity this step by the Government affords so many college men to take up this training that it has been eagerly desired for a long time, says:

"The interest of the average American boy in all things aeronautic is to be capitalized by a Government which can already see the need of trained aviators. When the next college year opens every college which wishes can arrange with the Government for instructors in aviation and the students can pursue a course in training which will not interfere with their prescribed college work while studying for a degree, but will at the end of three years turn them out fully qualified aviators prepared to fly as military airmen or for sport or commercial purposes."

After going on to explain the details of the course, the article continues:

"A comparatively small amount of time per day will take care of the theoretical work, which is all that the ground schools have been teaching, when the three months' intensive training that our aviators have had is spread out through three college years."

"All training in actual flying will be given during the summer months at camps of the Student Officers' Reserve Corps and it is expected that after three vacations spent at this training the student will be fully equipped to wear the much coveted wings of the qualified military aviator."

"An extension of this college work in the training of airmen, also will be the junior units to be established in mechanical training high schools over the country, with the aim of training younger boys of a mechanical turn of mind in the technical phases of aviation and preparing them to be non-commissioned officers in the air service in time of war."

"One of our greatest difficulties during the participation of the United States in the war was the recruiting of the necessary trade specialists for repair and construction squadrons. The air service needs trained caulkers, bricklayers, plumbers, carpenters, electricians, machinists and men of about every other craft in large numbers and in the event of another similar emergency must know exactly where to find them quickly."

"Still another class of training is contemplated in the plan the War Department has to cooperate with technical schools and engineering colleges in the training of aeronautical engineers, who will be men highly trained in engineering, but with special stress on the most far-reaching problems of aviation."

"In all of this our air service is working in connection with the committee on education and special training of a liaison affair between the Army and the problems on the one hand and the nation's institutions of learning on the other."

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MAISON GIVES SITE

(Continued from page 1)

of Paris and the Ecole des Beaux-Arts as a site for a building to serve as a centre for American students in Paris and American educational interests in general in France. By an agreement between the local committee at Paris and the American University Union in Europe, the support is secured of a responsible and influential American organization.

Speeches were made by Mr. Hyde, representing the original committee of the "Maison," by Professor George H. Nettleton, as Director of the American University Union and by Mr. Henry B. Thompson, Treasurer of the Board of Trustees, who has come from the United States to carry out the arrangements for the organization.

Mr. James H. Hyde, in the course of his speech, remarked:

"The purpose of this meeting is to explain to the members of the honorary French committee the future plans of our association, and at the same time to give the regular members of our committee an opportunity of meeting them.

"This very interesting project originated at a luncheon given by M. Hovelague, to whom the honor of the idea belongs, but that actually permits us to put the project on foot is the great generosity of the city of Paris, which even before our entry in the war presented us with an admirable site for the Maison des Etudiants."

"Later on the war developed the American University Union in Europe for American college men in military service in Europe, and it seemed accordingly desirable to effect a merger between the two associations. This was accomplished by a formal vote of both.

"Our association has already served to bring together American intellectual and academic interests in Europe. It has served at Paris as a bureau of information concerning American universities and schools, and as a home where the rectors and professors of the provincial universities of France, as well as of the University of Paris, have made American friends, and have discussed with them international educational questions. Thanks to the good will and perfect courtesy of the French the union has already become so to speak, a sort of important American intellectual centre. We hope that in the future the "Maison des Etudiants" will continue to fill this role with increasing success."

Professor George H. Nettleton, Director of the American University Union in Europe, remarked:

"Our meeting today has deep significance. We meet here, French and Americans, in the moment of victory, in the city of Paris, impregnable city of liberty during the war and now the temple of justice for all the world. Side by side we have fought to defend the common democratic principles of liberty and justice.

"The Municipal Council of Paris has generously set aside an admirable site in the centre of the educational institutions of Paris for a building for American students and American educational interests in France. It will be a home where Americans will be able to return to their French friends somewhat of the hospitality which the French have extended to them.

This gift will, I know, deeply touch the heart of America. For us, for all the Allies, the soil of France is holy

ground. It is consecrated by sacrifices which we have shared.

"Not one foot of this soil did France, even during the most critical moments of the war, think of relinquishing to the force of arms, but she has not hesitated to yield a part of that soil to the force of friendship. Built upon this consecrated soil the Maison des Etudiants will be a permanent token of the friendship between France and the United States.

"This gift is twice blest. Given in times of war, it will recall in times of peace the common sacrifices which have rendered possible that peace.

"We trust that this world 'Union' will be prophetic. United by the common sacrifices of war, we are resolved to remain united for the common benefits and privileges of peace."

Mr. Henry B. Thompson, Treasurer of the Board of Trustees of the American University Union, observed:

"I believe we have laid the cornerstone for a foundation on which we will build a structure, marking the permanent alliance of the academic worlds of France and America. The worlds of letters and science are great determining factors in the life of Nations. We believe the life of France and of America will be enriched and strengthened by any bond that holds our Universities in closer relationship."

The following have been elected officers of the Association in Paris: Professor George H. Nettleton, President; Professor William T. Brewster, Vice-President; Professor Paul Van Dyke, Secretary; Mr. James Hazen Hyde, Treasurer.

The additional members of the Executive Committee are: Professor James M. Baldwin, Mr. Robert W. Bliss, Judge Walter V. Berry, Mr. J. R. Carter, Mr. Bair Fairchild, M. Petit-Dutaillis, Director of the Office National des Universites; Dr Edward Tuck.

DISABILITY NO BAR

(Continued from page 1)

of Boulogne when, as will be well remembered, the hospital was bombed by German airplanes and several officers and inmates were killed.

McLeod came out of the attack with both legs blown off close to his hips. In less than half an hour he was on the operating table, where Capt. Cutler of Brookline operated on him. "I owe my life to his skillful service," says McLeod.

He was brought home and placed in the Walter Reed Hospital, near Washington, where he stayed for 11 months. It was while here that he took instruction, continuing his studies in higher mathematics, English and French, and made great headway, so much so that he made up his mind, when he should be discharged, to seek the best medium to make himself an expert in the engineering line.

Enters Institute Course.

Upon his discharge from the Walter Reed Hospital he was transferred to Parker Hill in Boston where for another month he continued his studies. Two artificial legs were fitted to him and McLeod transferred himself to a cozy apartment in the Back Bay and began a course at Technology in Engineering Administration.

He is taken to the Institute buildings every morning in an automobile and, upon arriving, a wheel chair is his for the day. He travels to the various lecture rooms in this and takes part in social activities as though he was able-bodied as the rest.

"The way I look at my case is this," he said when interviewed, "there are numerous people who, in the excess of sympathy just at present for a wounded man wish to do everything for him; but in the years to come, when the enthusiasm has dropped, the man has got to be able to make something for himself.

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U. OF P. ENTRIES

(Continued from page 1)

lar distinction so that the meeting of these two teams at the Relay Carnival will be well worth seeing. But outdoor racing is different from indoor work, and both Pennsylvania and Chicago will have to look to their laurels, for Technology, Harvard, Pittsburgh, Michigan, Columbia, and Dartmouth will have real fast teams to put in this event. In the two mile relay Harvard recently proved against Yale that they have some fast half milers. They will be hard to beat in this event at the Relay Carnival though Cornell, Notre Dame, Chicago, State, and Columbia, are known to have fast quartettes. The long distance men have not yet had their innings but judging by general reports, the four mile relay championship will be up to the standard. The Eastern colleges will watch Coach Stagg of Chicago closely, as he has a rare lot of distance men and will be strong in either the two or the four mile event, though he can hardly expect to have fast teams in both races.

The sprint and the distance medley relay that are held on the first day of the Carnival should be remarkable events, as several colleges have record breaking teams for these races. Technology, Pennsylvania, Harvard, Princeton, Pittsburgh, Chicago, Michigan, Dartmouth, Columbia, and other colleges have wonderful material for these medley relays. It is probable that these races will show many of the greatest sprinters and middle distance runners in college today. Shea of Pittsburgh, the 440 yards champion, Hammond of Pennsylvania, the 220 yards champion, Shaw of Columbia, the half mile champion, Johnson of Michigan, the three times champion of the Western Conference, Erdman of Princeton, the hurdle champion, McCosh of Chicago, the one mile Western champion, are only the most noted of the athletes that will appear in the sprint or the distance medley. They should vie in interest with the one, two and the four mile relay championships that take place on Saturday.

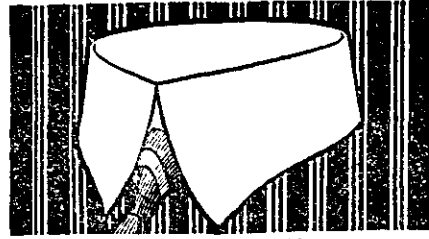
The special events will also surprise the pessimists who declared three months ago that it would take years for track and field sports to get back to normal conditions. As an example of what may be expected, a glance at the present assured entries for the pole vault will be convincing. Landers and Newstetter of Pennsylvania, 12ft. 10in., Graham of Chicago, 12ft. 10in., Myers of Dartmouth 12ft. 8in., indoors, the present racing indoor record Jordan of Dartmouth, Esterday of Pittsburgh who tied with Jordan last year for the Intercollegiate championship, Cross of Michigan, the Western champion, Sweeney of Yale 12ft. 4 in., are among the entries. It is not too much to expect that if weather conditions are favorable, a new world's record may be made in his event. The 100 yards, the hurdles, the broad jump, and in fact all the other events have also made remarkable entries so that when the meet is over the pessimists will not have a leg to stand on.

The scholastic entries are right up to the standard of the college entrants. To date nearly 100 high schools, and over 60 preparatory schools have entered, including many of the most important schools of the East. The grammar and parochial school entries are not mentioned as they are restricted to Philadelphia. This is necessary so that the Carnival will not overrun the two days now given to the various events.

The final date for the closing of team entries is April 1st. Managers of teams desiring to enter are requested to send in word at once, so that the scores of watches, banners and medals may be lettered or engraved in time for the Carnival. The names of the men composing the various teams that are entered will be called for on April 15th but no teams will be admitted after April 1st, as the drawing for position at the pole and final classification is made at that time and post entries except for the championships and the individual events cannot be permitted.

CORRECTION

The issue of Wednesday, March 12, stated that Professor Lipka made a speech at the Cosmopolitan Club. It was George C. Whipple, '89, who made the talk instead of Doctor Lipka.



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PUNG DEFEATED

(Continued from page 1)

The summary of the match was as follows:

- First string—won by Scott with 112 pins; Pung, 102 pins.
- Second string—won by Scott with 110 pins; Pung, 102 pins.
- Third string—won by Scott with 123 pins; Pung, 91 pins.
- Fourth string—won by Scott with 107 pins; Pung, 102 pins.
- Fifth string—won by Pung with 97 pins; Scott, 94 pins.
- Sixth string—won by Scott with 109 pins; Pung 87 pins.
- Eighth string—won by Scott with 114 pins; Pung 113 pins.
- Ninth string—won by Pung with 131 pins (high score); Scott, 92 pins.
- Tenth string—won by Scott with 124 pins; Pung, 90 pins.

It is still earnestly desired that each reader of THE TECH will consider himself a committee of one to send all information in his possession concerning Institute men who have been in the service of the United States or any other of the Allied forces during the Great War to the M. I. T. War Service Auxiliary, 491 Boylston Street, Boston or to the Military Editor of THE TECH, Charles River Road.

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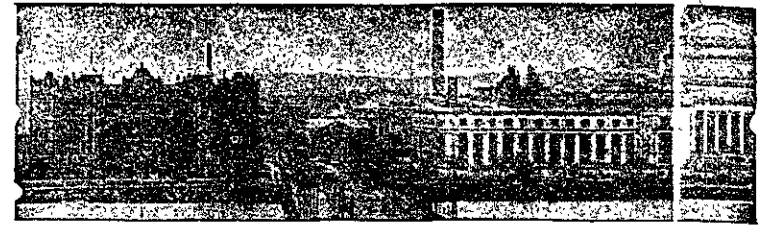
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