

ATHLETIC ADVISORY COUNCIL GATHERS

Decides on New System of Scoring for Field Day Events

P. D. SHEELINE '19 SPEAKS

At the first meeting of the Advisory Council on Athletics at the Engineers Club, Tuesday night, it was voted that the present system of scoring for Field Day be discontinued and that in the future the points will be awarded as follows: Football 5; Crew 3; Relay 3; Tug-of-War 2. The decision followed a discussion in which it was brought out that the possibility of a tie under the new method was most unlikely.

T. A. C. To Sell Tickets

It was decided that the T. A. C. would raise money during the coming year by the sale of tickets, membership cards, and by running entertainments. It was made clear that in the event of an increase in the student tax, the T. A. C. would be continued as an entity, its primary object being to secure adequate student representation at all Technology competitions. The secretary raised the question of the award of shingles to men who had won insignia since the charm dinner. The majority of the council seemed of the opinion that the shingles should be given out twice a year only, in the spring and fall.

P. D. Sheeline '19 was introduced and gave a short talk on the present status of Technology in the collegiate world. In introducing the speaker, attention was called to the cup he has presented for joint competition between Technology and Yale, in swimming.

Committees Submit Reports

Chairmen of various committees submitted reports to the council on the subjects of Record Boards, registration cards, charms for minor sports, and certification of competitors, and at the end of the meeting several of the managers reported on the various athletics, Crew, Boxing, Hockey, and Track.

REGISTRAR COMPILING LIST OF LAST TERM'S MARKS

The registrar's office is now busy counting up the marks given last term and determining how many men managed to win the elusive C's and H's as well as the number of unfortunates who could not escape having red ink adorning their reports. The count will be completed some time next week but a fair idea of the marks given out is already to be had.

Assistant Registrar F. L. Clapp says it is estimated that about five H's were given out for each hundred students but, that since most men who were able to rate one of the honor marks received others as well, that less than one man in twenty among the undergraduates found an H on his report. The C's ran about as usual, averaging around 25% of the total marks given out, with the P's forming the majority in spite of the apparently great numerical strength of the fateful F.

The red marks ran about as usual but the new formation of a Junior freshman class saved a number of men who would otherwise have been forced to leave the Institute and as a result the number of votes given out was much less this year than in former times. Most of the men who have to leave at the end of the first term are freshmen and it is those that the just formed class save and give another chance. The "mortality" among the upper classmen was about as great as usual but showed no increase over former years.

SIGMA NU CLUB RECEIVES CHARTER AT CONVENTION

The Sigma Nu Club of Technology, composed of members of the Sigma Nu Fraternity who have come here from other schools, has been granted a Charter to organize as a Chapter at the 20th Grand Chapter Convention held in Philadelphia, December 28 to 31. The local organization has been active as a club and recently took over their present quarters at 583 Beacon street.

Three delegates to the convention from the Club were R. M. Littlefield '22, Sydnor Hall '22, and R. F. Herford '24.

COMPETITION OPENS FOR ADVERTISING DEPT.

THE TECH is opening its second-term competition in the Advertising Department. Candidates are asked to report in the Faculty room of Walker, Monday at 5:05 o'clock.

THE TECH ANNOUNCES WINTER COMPETITION

Successful Men will be Elected After Eight Weeks

MEET MONDAY IN WALKER

THE TECH announces its second-term call for candidates for its advertising department. This competition is open to freshmen and Sophomores. Those who are successful will be elected to the Staff in eight weeks. The first meeting will take place in the Faculty Room of Walker next Monday at 5:05 o'clock.

Successful candidates will be eligible for election to the position of Advertising manager in their Junior year and General Manager in their Senior year. Work on the advertising staff is considered by the Alumni as being the most valuable training for a business career that can be obtained in the Institute. A knowledge of the fundamentals of advertising and salesmanship will be given the candidates.

An opportunity will be given the men to meet important business men not only in Boston but also in New York and other cities.

MUSICAL CLUBS WILL GIVE ENTERTAINMENT

Simmons Holds Concert-Dance Here on February 3

AFFAIR TO BE FORMAL

The entire Simmons' Musical Association, consisting of the Choir, Glee Club, and Mandolin Club, will give a concert at 8 o'clock on February 3 in the main hall of Walker. The entertainment, which will be over by 10 o'clock, will be followed by a dance. Permission has been obtained from the necessary authorities for the dance to last until 1 o'clock.

It was not until about three years ago that the Simmons Musical Association began to give concerts outside the college. Since that time, however, the organization has grown rapidly, and under the skilful training of George Lancing and Mrs. Carlton Slack it has been very successful. The evening at the Institute is one of the few occasions when the entire association is together, and an exceptionally fine concert is expected.

Arrangements for the dance which is to follow are practically completed. Morey Pearl's orchestra has been secured to provide the dance music. The Cosmopolitan Club acting in connection with the Simmons committee in making plans for both the entertainment and dance.

ALUMNI DINNER WILL BE HELD IN WALKER TONIGHT

The Alumni dinner will be held in the Faculty dining room of Walker tomorrow at 7 o'clock. Four men will address the Technology graduates. Two of these men are old Institute men, namely Dr. Arthur D. Little '85 and Mr. Everett Moss '85, who is Treasurer of the Institute. The other two speakers are Dr. Yuen Siang Tsao, Assistant Secretary General and Councillor of the Ministry of Foreign Affairs, Peking, China; and Dr. Ellwood Hendrick, former President of the Chemical Club of New York. The tickets for this banquet cost three dollars, and may be obtained from the Alumni Council.

FRESHMAN CHESS TEAM SENDS OUT CHALLENGES

The freshman Chess Team has issued challenges to many of the high school and freshman teams of other colleges. Few of the challenges have yet been answered, so that the schedule for the term is not yet complete. It is expected, however, that after January 21 there will be at least one match each week throughout the remainder of the term. The records of the team last term indicate that its winter season should be very successful.

INSTITUTE SKATERS MEET YALE SEXTET

Beaver Hockey Team Will Play Bulldog at New Haven —Lineup Unchanged

FORWARD LINE IMPROVES

Technology's hockey team will follow Captain Hugh Nickle to New Haven tomorrow to battle Yale in the second game of the puckchasers' season. The lineup which McGill trounced, 8-2, in the opener, will be started by Coach Ed Powers. This outfit is: Hugh Nickle, goal; Neil MacNeil, point; John DuVernet, coverpoint; Flint Taylor, right wing; Bunny Ayles, center; Herby Hayden, left wing. Wilbur and Dalton will also take the trip.

Yale has a fast organization, having easily scalped Columbia and the New Haven hockey teams. St. Nicholas, of New York beat the Bulldog in the opening game at the New Haven Arena. The game with St. Nicholas isn't much of an indication since Yale faced the first-class New York combination after very little practice. The Institute didn't play Yale last year.

Forwards Show Greater Speed

A big improvement is reported by Powers in the work of the forward line. Ayles, Hayden and Taylor are getting a little speed in their dashes up the ice and the puck handling is much neater than it was in the McGill conflict. Herby Hayden is doing particularly good work. Bunny Ayles, who played on the freshman team last year, is faced with the hard job of filling Dan MacNeil's shoes at center. Dan was always a feature of the Engineer's lineup and Yale will find his successor a tricky player. Flint Taylor is a veteran, who doesn't seem quite so fast this year as last.

The Engineer's defence, DuVernet, MacNeil, and Nickle, is the one which performed quite capably throughout the season last year. Hugh Nickle, captain, is a very alert goal keeper and shows all his old time tricks in keeping the puck outside the Institute net. Neville DuVernet and Neil MacNeil work together and Yale's attack will find them a hard pair to elude.

The game tomorrow will give a real indication of the strength of the Technology sextet. The form showed in the first period of the game with the Canadians promises well. Yale has never had an organization in McGill's class and the Beavers will have a chance to display their talent.

SUPERPOWER PLANT IS SMOKER SUBJECT

Alumnus Describes Colfax Station of Pittsburgh's Dual "Power Ring"

LOCATED AT COAL MINE

Reliability, economy and simplicity were considered of prime importance in laying out and equipping the mechanical and electrical parts of the Colfax generating station of the Duquesne Light Company, located at Pittsburgh, as pointed out by Don L. Galusha '04, and C. W. E. Clarke, at the combined smoker of the Mechanical and Electrical Engineering Societies held in main hall, Walker, last night. The addresses by these two engineers were illustrated by slides and moving pictures which showed clearly why this station is the most remarkable of recent construction.

Describe Different Boilers

Seven extra large boilers of the Babcock and Wilcox cross-drum type supply steam at 275 pounds pressure to the 70,000 kilowatt generator unit, which is made up of a high pressure turbine and two low pressure machines. The operation is as nearly automatic as possible. In case of internal trouble in the generators, relays disconnect the affected machine from the 12,000 volt bus, trip the throttle valve, cutting off the steam supply, open up the field circuit breakers, sound a fire alarm in the turbine room, and light a signal lamp in the control room and over the affected generator.

The protective devices used are of exceptional construction and are built along the general lines of those described by Dr. Charles P. Steinmetz in his recent lecture.

WALKER COMMITTEE OPENS COMPETITION FOR VACANCIES

Three vacancies on the Walker Memorial Committee have shown up this term, due to the three men holding the positions not returning to the Institute. These vacancies include both of the Junior positions on the committee and one of the Sophomore positions.

Candidates for these vacancies are asked to report between 12 and 2 o'clock next Monday in the committee's office in the basement of Walker to H. M. Shirey '22, chairman of the committee. The chairman of the committee is picked from the two Juniors on the board, the two Juniors being in turn picked from the three Sophomore members the year before. The committee is the official student organization in charge of Walker Memorial and its head is an ex-officio member of the Institute Committee.

TECH SHOW BALLET TO HOLD TRYOUTS TODAY

Miss Virginia Tanner will Coach Aspirants Again This Year

WILL NEED MANY NEW MEN

First tryouts for the ballet of Tech Show 1922 will be held this afternoon at 5 o'clock in the lounge in building 2. The management has been successful this year in retaining the services of Miss Virginia Tanner, who will act as coach for all the aspirants. Miss Tanner has coached the ballet for quite a few previous Tech Shows.

There are a good many men on hand at the present who have been in the ballet in previous performances and already many of these have signified that their intentions are to try out for the ballet again this year. The stage department is expecting a very large number of candidates for the ballet at the first meeting this afternoon at 5 o'clock.

Make Northampton Trip

Following the former custom, a trip will be made to Northampton in the spring when several performances will be given. There is a possibility that a longer trip will be made, including several different points, however this possibility is quite dependent upon future developments.

Mr. Kendall Weston, coach of this year's production has spent considerable time working on the cast and an announcement concerning the definite cast for this year is expected in the near future.

The poster, which has always played such an important part in the presentation of each Tech Show to the public, is selected by competition from a score or more drawings. The announcement made some time ago starting the poster and score cover competition has started work in that line.

Music and Lyrics Needed

The committee in charge of music and lyrics meets regularly with all the writers and already some good manuscripts have been submitted. Music and lyrics writers are urged to hand in their contributions from time to time, for a date will soon be set as the closing date for the competition. The variety of situations offered in the book itself, together with the general nature of the different settings, gives opportunity for some exceptional music and lyrics.

The stage department has further announced that try-outs for the Chorus will be held on Monday, January 9, in the lounge of building 2 at 5 o'clock. The chorus will also be coached under the supervision of Miss Tanenr. This has always been one of the most popular branches of each show.

COL. WILLING TO ADDRESS C. E. SOCIETY AND R. O. T. C.

As the end of the first week of the new term draws to a close many important announcements are being added to the calendar of activities. One of the most unique is the combination meeting of the Civil Engineering Society and the R. O. T. C. Engineering Unit, which will be held Thursday, January 12, at 8 o'clock, in north hall. On this occasion Col. W. Willing will deliver an illustrated lecture entitled, "Government Work on the Mississippi River."

President D. H. McCreery, who will preside, assures the members of an exceptional evening filled with plenty of entertainment and many surprises. Early in February, John L. Harper, chief engineer of the Niagara Power Co., will address the Society.

CORPORATION AWARDS 85 SUMMER DEGREES

Approves Action of Executive Committee Regarding Staff Changes

DR. TRYON ADDED TO FACULTY

The regular quarterly meeting of the Corporation was held last Wednesday afternoon. The resignation of Dr. Nichols, as president, was accepted, with expressions of regret, and a committee was appointed to scan the educational field for Dr. Nichols' successor. As yet no one has been decided upon to fill this position. Aside from the regular routine order of the meeting the Corporation awarded the following degrees:

MASTER OF ARCHITECTURE
Department of Architecture—Harold Thomas Dennison.

MASTER OF SCIENCE
Department of Chemistry—Conrad Erwin Ronneberg.

Department of Electrical Engineering—Edward Lindley Bowles.

Department of Chemical Engineering—Thomas Harry Frost, Chester Cameron Stewart.

Department of Chemical Engineering Practice—Geoffrey James Greenfield, Paul Carver Merrill.

Department of Aeronautical Engineering—Koichiro Takeuchi.

Without Department Designation—Minocher Jahangir Kavasji.

BACHELOR OF SCIENCE

Department of Civil Engineering—John Joseph Collins, Willard Ames Fleming, William Morton Breakey Freeman, LeRoy Maxwell Hersum, Karl Jetter, Andrew Ture Johnson (1920), Frances Bowen Kirtledge, Frank Leon Lazo, David Albert Newcomer, Emmett Jay Scott, Jr., Oscar Buzzell Sias, William Wald, Arthur Winebaum (1920).

Department of Mechanical Engineering—Henry duPont Baldwin, James Howard Becker (1919), Arthur Henry Blake, Clinton Lucius Bond (1920), Wolfe William Brown, Edward Parkinson Clark, William Patrick Corbett, Edward Stanford Denison, Vladimir Dixon, Arthur Esner, John Abbott Facey, Herman Francis Finch, Walter Julian Ham-burger, Paul Landers Hanson, Harold Frierson Hunter, Donald Franklin Lyman, Lawrence Charles McCloskey, James Wilbor McNaul, Joseph Charles Moosbrugger, Philip Augustus Melles, Jr., Chester Raymond Painter, Richard Clement Poore, Harvey Fletcher Rettew, Fred Myron Rowell.

Department of Mining Engineering and Metallurgy, Option 1—Alexander Duer Harvey; Option 2—Axl (Continued on Page 4)

PHOSPHORUS ANNOUNCES NEW BOARD ELECTIONS

The following men were elected to The Phosphorus organ:

Associate Board of Editors:

A. R. Belyea '23, Witter T. Cook '24, Everett Eltinge '24, and Henry Sachs '25.

Board of Business Associates:

Gerald Putnam '23, Gordon Wheeler '24, Edward N. MacLeod '25, and Bowman McKinnon '25.

The Managing Board also announces a competition for both the editorial and business departments which is being run especially for members of the new Junior Grade freshman class. It is, however, open to all, and a large number of fine opportunities are open to the successful candidates.

The previously announced February "Feminine Number" has been postponed a month because the elaborate plans to make it one of the largest numbers of the year could not be completed in time. However, the board feels justified in postponing this number because of the quality and quantity of the material which will make it up.

CALENDAR

Friday, January 6

4:00—Lecture by Prof. W. S. Franklin, 10-250.

5:00—Meeting of candidates for Handbook, T. C. A. Office.

5:15—T. E. N. Candidates Meeting, room 27, Walker.

Saturday, January 7

3:00—Wrestling elimination contests, Walker.

6:00—Alumni Association dinner, main hall, Walker.

Thursday, January 12

8:00—R. O. T. C. Engineer Unit smoker, Walker.