

CREWS TO PRACTICE ON CHARLES TODAY

Meeting of Crew Candidates
Called For This Afternoon—
Four Shells Now Ready For
Use

LAST PRACTICE AT NEWELL

Candidates for Crew will have their first practice on the Charles River today if things work out as planned. All candidates are to report at the B. A. A. Boat-house this afternoon, Juniors and Sophomores at 4 o'clock, Seniors and freshmen at 5 o'clock. It is very essential that everyone report so that the managers can make out a schedule. The shells have been repaired and are in excellent condition. The new Lynn shell has also arrived, making a total of four shells that the Association now has. The races are only three weeks distant and it is very important, Coach Stevens says, that everyone get in as much practice as possible before that time.

The last practice at Newell Boat-house was held Saturday, when about fifty men turned out. The order of the crews as they rowed Saturday was as follows: 1917—Stroke, McDonald; 7, Lowengard; 6, Dunning; 5, Althouse; 4, Littlefield; 3, Mann; 2, Brooks; bow, Perry. 1918—Stroke, Berliner; 7, Sturtevant; 6, Pope, Goldsmith; 5, Allen, Wirt; 4, Lehmküh; 3, Fitch, Newburg; 2, Blaisdell; bow, Merrill. 1919—Stroke, Deacon; 7, Quick; 6, Hackett, Daube; 5, Luyckx; 4, J. J. Falkenberg, Strowbridge; 3, Murdough, Richardson; 2, R. L. Falkenberg, Sherman; bow, Webster, Ames. 1920—Stroke, Bigelow, Lawson; 7, E. Wason, Pope; 6, A. Wason, Sturt; 5, Taylor; 4, Rowen, ZurWelle; 3, Higgins, Noelke; 2, Berg, Mills. More men are needed, especially for coxswains of the upperclass crews. Anyone who weighs one hundred and twenty pounds or under is eligible for a position as coxswain, and the management urges any man in the upper classes who comes below this limit to come out.

All freshmen taking crew instead of the regular gym should see Frank Kanaly by the first of April in order to find out if they have clear records. All cuts in crew must be made up by the thirteenth of April in order to receive credit. This leaves only three more weeks in which to make up cuts. There will be practice at the B. A. A. Boat-house every day from now on, so that three cuts can be made up per week. A list giving the number of cuts against each man will be posted at the boat-house each week from now until the close of the gym season.

COURSE IV OPTIONS WILL GET TOGETHER NEXT FRIDAY

Professor J. O. Sumner Will Talk on
"The World and the War"

Next Friday evening in the Rogers building, the Architectural Society will hold a joint smoker of options one and two, when Professor John O. Sumner will deliver an address on "The World and the War." As Professor Sumner, who teaches the architects in European Civilization and Art, is a very able speaker and is also very well informed on every phase of the great European war, particularly conditions in Russia, officers of the society think that an interesting and instructive talk will be assured.

A little over two years ago Professor Sumner made a talk to the same society in which he summed up the causes of the war, which he characterized as the "most frightful assemblage of arms in history, a war not picturesque like the Napoleonic conquests, but one involving eighteen million men with consequences which each inhabitant of the globe will feel."

He then told of the history of the present German Empire which in the seventeenth century consisted of three or four hundred small states and was the most prosperous country in Europe with a civilization of a very high degree. Early in this period, however, came the Thirty Years War, and from nearly thirty millions at the beginning, the population decreased to about fourteen millions at the end. This put Germany a century

(Continued on page 4)

COMMITTEE GIVES FAVORABLE REPORT ON TENNIS COURTS

Outlook For Tennis Team Bright—1920
Managers Appointed

The committee appointed by the Institute Committee to investigate the advisability of having tennis courts at the Institute has drawn up a favorable report and turned it over to President Maclaurin. An approving decision by the President and the Corporation will mean the establishment of the courts on Technology ground.

The two weeks' competition for freshman manager is now over and the management has decided to retain two men, J. A. Filbrick and L. E. Boyden. The outlook for a successful season is very good this year and Manager W. Kimball '18 expects the team to win the New England Inter-Collegiate this spring. Many of last year's team are back again, together with some new stars. W. T. Wei, a post graduate, won the championship of Hong Kong, and H. V. Kaler '18, who was kept out of varsity competition on account of a broken wrist, is in good shape again.

Many of the freshmen are considered to have a good chance to make the varsity, among whom are W. O. Merlyweather, C. Chen, C. B. Stanwood, W. N. Barron and J. H. Nelson. A practice meet with the Harvard freshmen for the varsity will probably be turned over to 1920, and at present the management is securing more meets for the first-year men.

'18 HEARS HUMANITARIAN

G. W. Coleman, Head of "Ford
Hall" Addresses Class

Instead of the regular exercises last Saturday morning, the Sophomore English sections were combined in one section to hear an address by Mr. George W. Coleman upon the "Work at Ford Hall." Mr. Coleman is in charge of this work and has also been Chairman of the Boston City Council for many years.

In beginning his talk, he discussed the present economic conditions existing in the United States, which he said were getting worse every year, and compared them with the conditions existing just before the fall of Rome. Statistics show that nine-tenths of the wealth of this country is in the hands of about ten per cent of the total population. A result of this is the constant fight between capital and labor, the seriousness of which was brought out in the recent threatened railroad strike. This fight became so serious in Michigan and Colorado that it almost led to civil revolution.

Mr. Coleman then told of the purpose of Ford Hall, which he said was to unite all classes of people in a single body looking to the common welfare. The money for the establishment of this public forum was left by the late Daniel Ford, publisher of the Youth's Companion. The meetings are held on Sunday nights, at which a short address is given by one or two prominent men.

(Continued on page 4)

CHEM. SOCIETY TO VISIT SOAP FACTORY THIS WEEK

The trips of the Chemical Society to the Lever Brothers Soap Company which were postponed last week will be taken on Tuesday and Thursday of this week. In order that the men may be properly shown through the plant, the number of men that may go at one time is limited to twenty-five, and sign-ups are therefore required. These may be made at the Chemical Society office, Room 4-252, from 1 to 2 o'clock this afternoon, or by seeing C. C. Fuller '18, the trip manager, any time before then. Sophomores desiring to go with the Thursday group are requested to sign up with L. J. Goldstein '19.

The groups will meet on the first floor of Building 8 at 1.30 o'clock on the respective days and all are urged to be prompt.

The Lever Brothers Company are the makers of the famous Life Buoy, Lux, and Welcome soaps, and have a very up-to-date plant, and as soap-making is particularly a chemical industry, a large number of sign-ups is expected by the society.

4000 ALUMNI REPLY IN PREPAREDNESS CENSUS

Answers to Over One-Third of
Total Number of Inquiries
Sent Received to Date—500
Come in a Day

HOPE ALL 12,000 WILL ANSWER

The replies to the twelve thousand preparedness letters sent out by I. W. Litchfield '85, head of the Alumni Mobilization Movement, have now reached the four thousand mark, and are steadily coming in at the rate of half a thousand a day. "The spirit is most excellent," said Mr. Litchfield, who expected at first to receive about seventy-five per cent of the replies, but now hopes to get practically all of them. Offers of all kinds have been coming in. One man has offered his large beautiful residence as a hospital with sixty beds. A considerable number of large ocean-going steamships have been offered which would be of great value to the Government in case of war. Then there are a countless number of yachts, motor-boats, etc., which would be suitable for cruisers, submarine chasers, and the like, together with a number of aeroplanes, labo-

(Continued on page 4)

TWO PERFORMANCES OF SHOW AT NORTHAMPTON THIS YEAR

Two performances of "Not a Chance" will be given in Northampton on the afternoon and evening of April 19. The crowds of students from Smith, Amherst, Mass. Aggies, and Mt. Holyoke, who last year crowded the fire escapes in spite of the pouring rain to obtain a glimpse of "M-34," and the fact that the show will be given on a holiday, has made the management decide to give two performances instead of only one as last year.

The pictures for the program were taken yesterday at Sarony's studio. The orchestra wore full dress, while the girls of the chorus and the ballet and cast were in costume. These pictures will be on sale as soon as the proofs have been received and may be bought by applying to Winton Caird '18, Show Publicity Manager, in the Show office.

Any men in the Institute who desire tickets for the Northampton performance must see the treasurer of the Show personally. Prices range from fifty cents in the balcony to two dollars in the orchestra circle, and preference of seats will be made according to the order of application. No applications after April 7 will be considered, but further information regarding prices may be obtained at the Show office.

The rehearsals for this week are as follows:

Wednesday, 5 P. M., Orchestra in Caf; 7:15 P. M., Cast in Room 1-190.

Thursday, 5 P. M., Orchestra in Caf; 7:15 P. M., Chorus in Room 1-190.

Friday, 7:30 P. M., Ballet in Emma Roger's Room.

Saturday, 2 P. M., Cast in Room 1-190; Chorus in Room 1-190; Orchestra in the Caf; Ballet in Emma Roger's Room.

MODEL OF CONSTRUCTION BEING SHOWN IN BUILDING 1

Professor H. J. Hughes of the Civil Engineering Department has arranged an exhibit on road construction in the Graduate Drafting Room on the third floor of Building 1. The exhibit, which illustrates the construction of various types of roads, was loaned by the Office of Public Roads of the Department of Agriculture and was shown recently at the Road Show in Boston.

The exhibit shows the mixing of the road materials, the pouring of the mixed materials into the road, the first and second leveling and grading, the wetting and drying of the road, and the finished road. The exhibit is in reality a model on a very small scale of a road and the men working on it, and it does not omit a single detail of the making of the road.

PENNSYLVANIA BEATS YALE IN CLOSE SWIMMING BATTLE

Quakers Win Intercollegiate Individual
Championship

By taking first in the fancy dive and plunge for distance, the University of Pennsylvania won the Intercollegiate Swimming Association individual championships at Philadelphia last Saturday evening. Penn scored a total of fifteen, nosing out her rivals, Yale, by the margin of one point. Contrary to opinion before the meet, Technology succeeded in getting only three points to her credit on a second place made by W. C. Foster '18 in the 50-yard swim.

Foster was matched against Nelligan and Lencke, of Amherst, having defeated both men in the Technology-Amherst Dual Meet this fall. Lencke has been out to trim Foster, having come to Boston to study the latter's style at the C. C. N. Y. Meet in the Boston Y. M. C. A. tank. He succeeded in beating Foster by a narrow margin Saturday, but Foster repeated on Nelligan, taking a second for the event.

Vollmer, the Columbia star, and Ferguson and Alexander, of Yale, were too speedy for Captain R. N. Gay '17 in the 220-yard swim, who did not succeed in placing among the first three.

The score by colleges was as follows: Pennsylvania 15, Yale 14, Columbia 10, Amherst 7, Wesleyan 5, Technology 3, College of City of New York 1.

Summaries:

50-yard swim—Won by Lencke, Amherst; second, Foster. M. I. T.; third, Nelligan, Amherst. Time 26 seconds.

800-yard freshman relay—Won by Princeton; second, Pennsylvania; third, College City of New York. Time 2 minutes 21 2-5 seconds.

Fancy diving—Won by Lincoln Root, Pennsylvania, 102.68 points; second, Benjamin, Yale, 91.15 points; third, Klein, Pennsylvania, 91.25.

100-yard dash—Won by Vollmer, Columbia; second, Turner, Wesleyan;

(Continued on page 4)

X-MEN TO AID ACTIVITIES

Ten Per Cent. of Chemical Society
Balance Will Swell Fund

At the meeting of the Chemical Society held last Thursday night, the society voted unanimously to add ten per cent of its treasury balance at the end of the year to the Undergraduate Activities Fund recently established by Technique 1916; in so doing the society hopes to establish a precedent which the other societies at the Institute will follow. As the last year's officers left a surplus of over twenty dollars, and as the society now has a paid membership of over 195 men, the fund left this year will in all probability be large.

The speaker at this meeting was Chester H. Pope '09, of the Forbes Lithograph Company, which is one of the largest lithographing establishments in this country. The subject of his talk, which was "Printing and Lithographing Applied to the Reproduction of Art Subjects," was covered quite thoroughly for the limited time. The history and various methods of printing and lithographing being fully explained. In order to illustrate his talk better, Mr. Pope brought with him over fifty posters, some of which were so attractive that various schemes were concocted by those present to get hold of them. Of these, the ones of particular interest were some four-color productions, which are the results of the latest and most difficult lithographing processes.

As it is only within recent years that chemistry has been at all systematically applied to the lithographing and printing industries, even in the government offices, Mr. Pope feels that there are many opportunities for men from Course V who want to enter that line of work.

The treasurer has requested that the four freshmen whose dues were accepted by mistake at the beginning of the year, call at the office or see one of the officers of the society in order that this money may be returned. Freshmen are not admitted to membership in the society, although they are welcome at the meetings, and unless this money is called for in the near future, the treasurer may find other use for it.

TO CONSIDER NEW METHODS OF TEACHING

President Maclaurin Appoints
Special Faculty Committee to
Seek Means of Improving
Methods of Instruction

DR. MANN OF CHICAGO CHAIRMAN

Like Columbia, Technology will have an investigation into the state of teaching of the Institute. Technology's main energies in the past few years have been devoted to building up a great plant in Cambridge and to making its research work of greater value to the state and nation. The time has now come for internal development, for bettering the quality of the training given the average engineer.

President Maclaurin announces a step forward in methods of education, by establishment of a body within the Institute whose function it shall be to seek means of improving the methods of permanent instruction. The committee is to be a permanent one and the Institute has selected for its chairman Dr. Charles R. Mann of the University of Chicago.

In order that the purposes of the new committee may not be misunderstood, President Maclaurin himself thus outlines the history of the new step.

"In recent years the main energies of Technology have been directed towards the building up of a great plant on the banks of the Charles. This, of course, has involved an immense amount of labor on the part of all concerned and not least amongst the Faculty, many of whom have spent weeks and months in planning laboratories and their equipment and later in supervising the installation of that equipment. As a result of this, the Institute now has a unique plant with immense laboratories equipped with all kinds of machinery, unsurpassed and indeed in many respects unequalled anywhere in the world. The problem is, of course, to make the most of the splendid equipment and to organize the Faculty in such a way that its members may work together most effectively for the great ends of advancing knowledge as well as of giving instruction.

"With proper support the Institute must become a great research organization advancing the bounds of knowledge in the field of the fundamental sciences, such as chemistry and physics, and constantly discovering new applications of scientific knowledge to the practical problems of industry.

"While this development is going on it will not be forgotten that the primary function of the Institute is to teach. The best teachers, like the best artists, are born and not made and the recognition of this fact has often led educational institutions to make no serious effort to improve its educational methods. Young men are appointed as instructors and they experiment on the youth of the country often without any direction whatever as to how to go about their business. It is not surprising that there is a great deal of inefficiency in college teaching and that a large number of earnest and industrious students fall by the way, not so much through their own short-comings as through those of their instructors. In the field of applied science with which the Institute mainly concerns itself, there is a special need for trained instructors. Today the profession of the

(Continued on page 3)

CALENDAR

Monday, March 26, 1917

4.00 P. M.—Crew Practice for Juniors and Sophomores. B. A. A. Boat-house.

5.00 P. M.—Crew Practice for Seniors and freshmen. B. A. A. Boat-house.

Tuesday, March 27, 1917

1.30 P. M.—Chemical Society Trip to Soap Factory. First Floor, Building 8.

5.00 P. M.—Tech Show Chorus Rehearsal. Room 1-190.