

PROVIDENCE CLUB MEETS TOMORROW

Mr. Lobdell and Dr. Rowe
Will Address Dinner
Meeting

MEMBERS URGED TO ATTEND

Much interest and enthusiasm has been displayed towards the next meeting of the Technology Club of Rhode Island by its members. The meeting will be held tomorrow, October 19, at the Turks Head Club in Providence, in the form of a dinner. An interesting program has been arranged and among the speakers are Dr. A. W. Rowe '01, and H. E. Lobdell '17, Assistant Dean. Dr. Rowe, prominent as member of the Advisory Council for Athletics, will have as the subject of his talk "Athletic Activities." Mr. Lobdell, who is on the Advisory Council for Undergraduate Publications, will talk to the club on "Student Activities." This meeting is very timely since it follows so soon the election of Dr. Stratton as President of the Institute. Mr. Lobdell will have some remarks to make concerning Dr. Stratton.

The members of the Technology Club of Rhode Island are keenly interested in their society and the meeting is planned as a means of keeping them more in touch with Institute affairs. Monthly meetings are held which all are urged to attend and have proved highly instructive and entertaining. The success of many of the past meetings has been due to the efforts of N. D. MacLead '14. The arrangements for this meeting have been made by A. C. Dickerman '05, who is Chairman of the Meetings Committee.

The present officers of the Club are: C. T. Morey '11, president; Morell Mackenzie '11, vice-president; N. G. Abbot, Jr. '20; secretary-treasurer, and W. C. Dart '91, member of the alumni council. The councilors are A. C. Dickerman '05, and J. I. Finnie '09.

166 ADVANCED R.O.T.C. STUDENTS GET UNIFORMS

Expect to Outfit the Rest of the
400 Men in Junior and
Senior Units

Between October 11 and 13, 166 of the 400 men enrolled in the advanced R. O. T. C., were issued uniforms. The remainder will be outfitted before November 1.

The uniforms are being secured under contract, and are of medium weight. The coat is like that of the regulation U. S. Army officer, only having a turn-down collar similar to the Canadian and British military coats. On one side of the lapel is worn R. O. T. C. unit insignia and on the other a Technology insignia which has been designed for that purpose. The buttons and hat shield are also distinctive. Upon graduation, a small amount of tailoring will convert the coat into the regulation Army style, and the student will thus be equipped to take up his commission in the Organized Reserves.

Technology has bought these uniforms in bulk through the government and has therefore secured for \$30.00, the amount allowed by the government, uniforms which would retail at about \$75.00. Besides the uniforms itself, the government is giving each man \$6.00 at the end of the second year for its upkeep.

ATHLETIC ASSOCIATION ELECTS NEW MANAGERS

For Basketball, Boxing, and
Publicity Positions

The M. I. T. A. A. held a meeting in Walker Memorial library yesterday and elected men to fill managerial vacancies. The resignation of R. J. Hochstetler '24, as basketball manager was accepted and D. W. Murdock '24, elected to succeed him. W. F. Rivers '24, was appointed to the post of boxing manager. The association then elected A. P. Kellogg '24, publicity manager, to its executive committee. Watch charms for men who have won letters in the minor sports are being ordered and samples will be ready to be shown very shortly.

DR. STRATTON BUILT GREAT BUREAU FROM FORCE OF SIX MEN

Technology's New President
Responsible for Many
Economies in Industrial
Operations

Dr. Samuel Wesley Stratton, President-Elect of Technology, comes to the Institute after a long and illustrious career in the scientific world. He has been on most of the engineering committees in this country since 1885.

The executive committee of the corporation asked Dr. Stratton to consider the leadership of Technology only after a nation wide survey had been made, by which it appeared that he stood out far above any other man available. Naturally reluctant to leave the Bureau of Standards, which he instituted and has since developed to its present state of usefulness, he was prevailed upon to accept the presidency only after it had been pointed out to him that the bureau was now in a position where it could be administered by others and that Technology offered a greater field of service for which the members of the corporation felt he was pre-eminently fitted.

Will Bring Secretary with Him
He was unable to state when he would visit Technology, but expressed a desire to do so in the near future if conditions at the bureau would permit. He left Washington last Friday for Detroit, to see the Aeronautical races, a matter in which he has long been interested.

The duties of the new President will begin January 1, 1923. Dr. Stratton will bring with him, from Washington, Mr. Morris Paris, and will occupy the President's house. Mr. Paris is Dr. Stratton's right hand man and has been with him many years. He will continue his work as business and social secretary.

Has Been Professor
Dr. Stratton was born in Litchfield, Illinois, July 13, 1861. The position which he now holds as head of the United States Bureau of Standards came as the culmination of a long preparation in numerous branches of engineering.

He received his Bachelor of Science degree in mechanical engineering in
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NEW CLUB ORGANIZED TO STIMULATE SPIRIT

Speakers' Club Attempts to Interest Freshmen in
Activities

The Speakers' Club will hold its first meeting of the season in the Faculty and Alumni Room at Walker Memorial at 5 o'clock on Friday afternoon. The topic for discussion will be, "Who Shall go to College?"

According to the usual custom, the subject will first be presented by one of the members, and the facts as well as his ideas on the subject also set forth. Other members of the club are then given a chance of expressing their views on the matter, in which case they may either uphold the speaker's opinions, or they may attempt to break down his arguments in defense of the other side. The membership of the club is drawn from the students who elected the course in public speaking given by the Institute last year.

Make Talks to Freshmen
F. R. Shaw '24, President of the club, believes that this body will fill a long vacant place at Technology, and that it possesses tremendous possibilities for acquainting the newcomers with the spirit of their school.

During the first part of last week the club has been co-operating with the Junior Class in a campaign to arouse freshman interest in activities. Speakers were sent into the English and History sections of the freshman class and gave short talks about Field Day and the Smoker, as well as giving some pointers about choosing responsible section leaders.

Club meetings are held every two weeks, and the members expect to give talks and suggestions on speaking.

T. C. A. CAMPAIGN FOR FINANCES STARTING

Must Raise \$2000 to Carry
Out Work Planned
for Year

CALL ON FRATERNITIES

The Technology Christian Association will inaugurate a finance campaign which will run one week this year instead of five weeks as last year. The goal this year is \$2000, which is \$300 less than the quota set last year. This smaller amount has been possible because of the donations by Tech Show and Technique of \$200 and \$100 respectively.

The campaign will be started Wednesday, October 25, in the dormitories and fraternity houses, while the general canvass of the students will commence the following morning. R. H. Frazier '23, will have charge of the campaign in the dormitories while H. O. Tappan '23, will be in charge of that in the fraternities.

Dorms Vie to Contribute
There will be an interdormitory competition and the dormitory which has contributed the greatest amount, together with the one having the greatest percentage of subscriptions, will be announced by those in charge at the close of the week's campaign.

In the fraternities there will be speakers at dinner who will bring before the members the question of subscriptions. The speaker in each case will be from some other fraternity than the one before which he is speaking.

J. J. Parsons '24, will have general charge of the drive and will have a booth set up in the main lobby.

A membership campaign will be started November 8 under the charge of D. H. Keck '24.

TECH SHOW TRYOUTS COMMENCE THIS WEEK

Management Says Sophomores
Eligible in Managerial
Competition

Tech Show has issued the call for all manuscripts to be turned in by Monday, October 22, at 5 o'clock, and already tryouts have started this week for the Show Orchestra. Notice of the dates of the tryouts are posted on the bulletin board.

Candidates are being called for all managerial departments of Tech Show. Sophomores are eligible in particular for competition in the business department while competition for freshmen in the publicity, stage orchestra, and business departments is open. A meeting of all candidates will be held in Tech Show office at 5 o'clock every afternoon during the remainder of the week. All candidates who are appointed to positions of assistant managers will accompany the Show on its trips.

HEXALPHA HOLDS FREE BANQUET TONIGHT

Hexalpha will give a free banquet to Junior, Senior, and Graduate members of Course VI-A tonight. The banquet will take place in building 45 of the General Electric Company in Lynn at 5:30 o'clock.

A bus will leave Technology at 4:30 o'clock today only for those who sign up in advance. There will be several speakers for the occasion.

The banquet was previously planned for last Friday, but was postponed because of the All Technology Smoker.

ROGERS STUDENTS PLAN SMOKER AS FIRST AFFAIR

The Architectural Society will begin its activities of the year with a Smoker held at Rogers, Friday, October 17. The smoker will be in a nature of a get-together meeting as invitations have been sent out to former members, and Alumni. All new members will be welcomed and the evening will be spent in getting acquainted all around. Plans will be immediately considered for the coming season.

CHARLES M. SCHWAB ADDRESSES UNDERGRADUATES AT FIRST BIG WALKER CONVOCATION OF YEAR

RECORD PARACHUTE
JUMPER TO LECTURE

Will Tell About 28,000 Ft. Drop
at McCook Field

Captain A. W. Stevens of the Army Air Service, who holds the world's record for parachute jumping, is to lecture here this Friday in room 5-330, at 4 o'clock on the subject of Aerial Photography and Map Making.

The talk has been arranged for the undergraduate R. O. T. C. units, but is open to all who may be interested in the subject. The Combined Professional Societies and the Aeronautical Engineering Society are co-operating.

Captain Stevens is in charge of the Aerial Division at McCook Field, Dayton, Ohio, and is acquainted with the latest developments in Aerial Photographic work, which he will discuss at some length in his talk. He is noted for his parachute drop of over five miles last March.

TECHNOLOGY REVIEW OUT NEXT WEDNESDAY

Complete Information About
Dr. Stratton Will
Be Given

Full information regarding Dr. Samuel W. Stratton, president-elect of Technology, will be found in the first issue of the Technology Review, which will appear one week from today. There will be a limited sale to undergraduates, for those who are interested. However, the Alumni Association is not attempting to build up a large undergraduate circulation for the Review.

Inaugurate New Department

Besides the articles on Dr. Stratton, it will contain features not to be found elsewhere. Professor E. P. Warner '17, of the Physics Department, will have an article entitled "Flying Through Europe." Professor C. M. Spofford '93, of the Civil Engineering Department, will have a story concerning the new bridge which has been built at Springfield, Mass. There will be an article on Gerard Swope '95, the new president of the General Electric Company, written by W. R. Whitney '90, who is the Research Director of the company. All of these articles are illustrated.

The Review will have a new cover design in three colors and plans to publish 64 pages. They are inaugurating a new undergraduate department, which will touch on the various undergraduate activities.

RADIO IXM EXPECTS TO WORK HONOLULU DIRECT

Special Arrangements Planned
to Make Long-Distance
Work Possible

The M. I. T. Radio Society expects that its station IXM will be able to work direct with Honolulu this winter. That the transmitter is sufficiently powerful to do this was shown last spring when the signals of IXM were heard in Honolulu. Members of the Radio Society are at present co-operating with the Research Department of Electrical Engineering and, with their assistance, an Armstrong super-heterodyne receiver is to be constructed. This set will probably use eight vacuum tubes.

It is also planned to erect a "Beverage antenna," which is a special type of aerial used for long distance receiving. By a specially designed arrangement of this it will be possible to use it for receiving from the east, as well as from the west, hence it will be of service in transatlantic work with England as well as in working west to Honolulu.

The Radio Society's membership campaign closes today, instead of Monday, October 16, as previously announced.

TELLS EXPERIENCES IN STEEL INDUSTRY

Hard Work and Education
Are Most Important Factors in Success

PROUD OF AMERICA

Charles M. Schwab, speaking to the undergraduate body at the first big convocation of the year in Walker Memorial yesterday afternoon, told in a buoyant spirit of his experiences in the steel industry, and expressed pride in America and great hopes for her future.

Dean H. P. Talbot '85, with a few appropriate remarks, introduced the speaker. Mr. Schwab was accompanied by Mr. Howard Coonley, president of the Walkworth Co., who with the Dean, Professors E. F. Miller '85, and W. S. Franklin, occupied positions on the platform.

Text of Mr. Schwab's Address at Walker

About 40 years ago, I started in the steel business near Pittsburgh. One of the men working for the company was Captain Bill Jones, whom I have heard several men refer to as the greatest power in the development of the steel business in America. It was just about this time that the science of chemistry was being introduced into steel making. The captain was greatly worried by this intrusion as having had no education the whole business was new to him. After a particularly trying day he said to me, "These damn chemists are going to spoil the steel industry yet."

Captain Jones was a true friend of all young men, and I was very happy to be associated with him. I grew to like him so much that I determined to help him as much as I could. I wanted to learn chemistry and Henry Phipps lent me \$1000 for the purpose. I devoted the following years of my life to working with Jones, and he grew to depend more and more on me. It was the happiest day in my life when in his old age he said to Mr. Carnegie, "If I die, remember this young man knows more of this business than I do; give him a chance." This illustrates my first point, the importance of being loyal to the men with whom you have been associated.

Finds Chemistry Changed

Everything has changed in chemistry since I studied it. Then we were taught that all the atomic weights were whole numbers but now I find many of them fractions. Just to show you how little I knew about chemistry I'll tell you the experience one of the salesmen I had instructed had. He was attempting to sell steel rails to a man out here near Boston. After some discussion the buyer said, "But I can get rails guaranteed to two-tenths of a per cent phosphorous from the Lackawanna company at a price below that you are quoting." The salesman promptly came back with: "I don't care how much phosphorous this other company puts in; you'll get more of it from us."

I have been one of the men that have advocated and believed that

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CALENDAR

- Thursday, October 19
7:30—Memorial Society smoker, north hall, Walker.
- Friday, October 20
8:00—Dorm dance, main hall, Walker.
- Wednesday, October 25
6:00—Catholic Club meeting and supper, north hall, Walker.
- 6:30—Federal Students Club dinner, Faculty dining room, Walker.
- Saturday, October 28
3:00—Walker Memorial tea dance, main hall, Walker.