

TECH NEWS



VOL. 8

WORCESTER, MASS., FEBRUARY 20, 1917

NO. 19

Senior Class Acts

Considers Military Instruction

Following the suggestion of President Hollis in his speech to the college on Lincoln's Birthday, the senior class has taken action to determine what its part will be if this country enters the Great War.

At a meeting of the class last Wednesday it was voted without dissenting voice to meet with President Hollis at the earliest possible moment and consider what steps may be necessary. Owing to President Hollis's absence from the city last week and his illness upon his return, the meeting has been delayed, but all plans have been made for it to be held today.

Exactly what will be done is unknown, but it is expected that steps will be taken so that the seniors may obtain information in answer to the question in what way their services will be needed. Suggestion has been made that any army officer be secured to give instruction two evenings a week on the engineers' work in time of war.

Whether or not this instruction would be extended to the under-graduates is an open question. Inasmuch as the under-graduates would not be called upon nor expected to serve unless the very life of the country were endangered, their instruction at this time would, in a way, be superfluous. Yet, if the seniors decide to have military instruction and there is a demand for the same from the lower classes, there may be no reason why the class should not be extended.

INTER-FRATERNITY RELAYS

Close Races Feature

The first three races of the Interfraternity Relays were run off on February 15, in the gymnasium. Phi Sigma Kappa defeated Lambda Chi Alpha by about a quarter lap. Gardner, Morse, White and Quimby ran for Phi Sigma Kappa, and Moore, Arthur, Freeman and Roraback for Lambda Chi Alpha. The time was 2 min., 27 4-5 secs.

In the next race Alpha Tau Omega won from Theta Chi in 2 min., 28 sec. Nary, Wood, Lyman and Babbit ran for Alpha Tau Omega, and Greely, Merritt, Atkinson and Reavy for Theta Chi.

The Sigma Alpha Epsilon team, composed of Wulf, Clifford, Bryant and King, defeated Upton, Stenberg, Archibald and Briggs, of Phi Gamma Delta. Their time was 2 min., 28 sec.

In the second series Alpha Tau Omega defeated Phi Sigma Kappa. The time was the fastest yet attained, being 2 min., 27 1-5 sec.

Tech Banquet Plans

Preparedness Speaker Planned

The Tech Banquet Committee consisting of Chairman T. R. Stenberg, '17, C. Hollereth, '17, F. H. Brackett, '18, J. E. Arnold, '19 and S. N. McCaslin, '20, announce their preliminary plans.

The banquet will be held at the Bancroft and in all probability on March 5, although a later date may be necessitated. The time will depend on the speaker, who has already been practically decided upon; but until he is definitely obtained no announcement will be made. It is stated, however, that he is one intimately connected with the nation's preparation for war.

IF American Ships and American lives should in fact be sacrificed in heedless contravention of the just and reasonable understandings of international law and the obvious dictates of humanity, I shall take the liberty of coming again before the Congress to ask that authority be given me to use any means that may be necessary for the protection of our seamen and our people in the prosecution of their peaceful and legitimate errands on the high seas. I can do nothing less. I take it for granted that all neutral governments will take the same course.

I do not desire any hostile conflict with the Imperial German Government. We are the sincere friends of the German people and earnestly desire to remain at peace with the Government which speaks for them. We shall not believe that they are hostile to us until we are obliged to believe it; and we purpose nothing more than the reasonable defense of the undoubted rights of our people. We wish to serve no selfish ends. We seek merely to stand true alike in thought and in action to the immemorial principles of our people. —Woodrow Wilson.

INFORMAL IN GYM

Benefit for Tennis Team

Plans have been completed for the informal dance to be held on the evening of Washington's Birthday in the Gymnasium for the benefit of the Tennis Team, which is to represent Tech this spring. Tickets are on sale in all of the divisions and at the Stock Room, and they will also be on sale at the door on Thursday evening. It is planned to begin the affair promptly at eight o'clock, and dancing will be in order until twelve. The order of dances has already been posted on the bulletin board. Hareus' orchestra will furnish the music, and a good time is assured to all attending. Prof. and Mrs. P. R. Carpenter and Prof. and Mrs. Frederic Bonnet are patrons and patronesses.

COMMENCEMENT COMMITTEE

Senior Appointments Made

The Senior Commencement Committee appointed by the class president consists of R. N. S. Merritt, M. H. Teaze, W. J. O'Neil, T. R. Stenberg and R. G. Taylor. There has, as yet, been no organization of the committee.

Special Attraction

Tech Show Progresses

The first performance of Tech Show, to be given March 29, promises to draw as large a crowd as the second night this year. The management have announced a special attraction for Thursday evening. Further details about this new feature will be published later.

The cast has been completed with the choice of I. R. Smith, '19 for the last one of the girl parts. The songs have not yet been definitely settled. Music is needed for the Hawaiian Dance song and words and music for the Red Head song. Any students who have ideas about these or other songs should see some one of the managers about them immediately.

General Mass Meeting

Council Deems it Advisable

Although the question of military service is considered to be essentially a matter for the senior class, the Council at its first meeting of the semester deemed it advisable that a general mass meeting of students be called, in which the entire college could be given a general outline of the engineer's place in time of war. By appointment of the president the meeting is under the charge of R. N. S. Merritt, '17, and in all probability it will be held next Monday.

The Council's organization for this half remains unchanged; G. M. Pomeroy, '17, continuing as president; J. D. Storrs, '18, as treasurer, and Farrington Daniels, as secretary. The other members of the Council are R. N. S. Merritt, '17, E. F. King, '17, N. P. Knowlton, '18, A. H. Welch, '19 and C. H. Needham, '20.

The Council at its meeting also considered the most convenient time for general meetings, and voted that the Council, through its secretary, request that in the schedule for next year the eleven o'clock hour be left vacant one day for the entire college.

A. S. M. E. MEETING

Lecture on Gas Engines

Mr. M. W. Kliesrath, chief engineer of the Bosch Magneto Co., is to speak at the meeting of the Student Branch of the A. S. M. E. on March 2. Mr. Kliesrath is well known and an authority on gas engines of all types. He has had a wide experience, and has done considerable work with racing cars. At this meeting he is to discuss, "Present Development of Gas Engines, its Future and Effect on Ignition Systems with respect to Reliability."

This meeting is to be held in the M. E. Lecture Room on Friday evening, March 2, at eight o'clock. A large attendance is hoped for, in order that something may be done to make the dues of the Society less, so that a larger number of students may become actively interested.

JUNIORS BREAK RECORD

Win Interclass Relay Championship

The Juniors won the Interclass Relays on February 13, defeating the Sophomores. Knowlton, Schmidt, Green and Hall established a new record of 2 min., 17 2-5 secs., on the board track. The Seniors also succeeded in swamping the Sophomores on the indoor track, making the race in 2 min., 33 2-5 secs. The same teams that ran the preliminaries, ran in these finals.

SENIOR CLASS ELECTIONS

Five-Year Term for Class Officers

The final undergraduate election of officers in the senior class has been held. G. M. Pomeroy, of Westfield, was re-elected president; W. F. Duffy, of Worcester, was re-elected vice-president; C. S. Darling, of West Northfield, was elected secretary; and R. H. Smith, of Haverhill, was re-elected treasurer. The class has amended its constitution to make the term of office five years. E. F. King and R. N. S. Merritt, both of Worcester, were elected senior delegates-at-large to the Tech council.

CALENDAR

THURSDAY—Washington's Birthday.
2.30 p. m.—Interclass-Interfraternity Track Meet in the gymnasium.
8.00 p. m.—Dance in the gymnasium.

FRIDAY—8 p. m. A. I. E. E. Meeting.

SATURDAY—Watch for Mass Meeting notice.

TUESDAY—5 p. m. Tech News Association Meeting. Election of staff and officers.

TECH NEWS

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FEBRUARY 20, 1917

This issue of the "News" has been in charge of Advisory Editor, G. M. Pomeroy

BOOST TECH

Editorials

In its annual mid-winter conference last week the American Electric Railway Association sent to President Wilson this message:

"The association tenders to you, the President of the United States, this expression of its confidence and pledges its patriotic support of all measures which you may take in upholding the dignity and honor of our country and the rights, property and persons of its citizens, on land and sea."

It is the expression of but a small group of men, yet it voices the sentiment of the country.

This issue of the NEWS was delayed in the hope that the action of the senior class, relative to military instruction, might be presented to the college. The unforeseen occurred, however, and the senior's action was necessarily delayed. What it will be is unknown, but the prophecy may be made that whatever that one hundred men can do in the furtherance of their country's welfare will be done.

Thursday is Washington's Birthday and may each of us pause at least once in our holiday's pleasure to consider that we celebrate the birth of one who, although first in peace, knew also the necessity of war when peace would have been peace without honor.

LOOKING FOR THE WORST

In this time of a national crisis no better advice can be found than that of our own Professor Butterfield: "Hope for the best, look for the worst, and take what you get."

There is no doubt but what the first and last points will be adhered to. This country does not want war and it sincerely hopes for peace; but if by the ruthless sacrifice of the principles of humanity war is forced upon us, there are one hundred million who will take it and give their all to uphold the right.

That the country as a whole, however, will look and prepare for the worst is far less certain. Fifty years without hostility on our own soil has instilled into us a too deep feeling of safety. H. G. Wells, in "Mr. Britling Sees It Through," draws a perfect picture of the average American's state of mind, when he describes the English feelings during the first year of the war. There was talk of a Zeppelin invasion and one of the party exclaimed, "Zeppelins! Zeppelins come to England! Why who in the world would let them!" Such was the English view before two years of horror taught them differently, and such, to a large extent, is the American view today. The English learned their lesson by bitter experience; may we Americans learn ours by the experience of others.

We can hope and pray for peace and yet prepare for war. To jingoistically excite public opinion beyond the cause of necessity would be unpatriotic, but it would be even more unpatriotic to declare that there will be peace when there is every possibility of war. We must be prepared to defend those principles of humanity which have ever been the ideals of this nation.

ABRAHAM LINCOLN

Abraham Lincoln was great in a multitude of ways, but most distinctly does he stand out as a man who fought for a principle.

At his death General Banks said, "There is no man on the continent or the globe who will, or can, say that Abraham Lincoln was his enemy." Lincoln was peculiarly free from personal animosities. He always considered that he was working for a principle of humanity and not against any section, party or individual. He represented a cause and no personal consideration could turn him from it. Attacked from all sides by the bitterest

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THE RENDEZVOUS FOR
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criticism, he refused to enter personal controversies. Rather he found excuses for his adversaries. By his moderation he shamed those who maligned him. Tom Raylor, Punch's brilliant satirist and Lincoln's bitterest critic, wrote:

Yes, he had lived to shame me from my sneer,

To lame my pencil and confute my pen
To make me own this hind of princes peer,
This rail-splitter a true born king of men!

How humble, yet how hopeful he could be;
How in good fortune and in ill the same;
Nor bitter in success, nor boastful he,
Thirsty for gold, nor feverish for fame!

Yet Lincoln's moderate treatment of his opponents in no way weakened his determination to establish that principle which he believed right. As president-elect in 1861 he said, "I will suffer death before I will consent to any concession or compromise which looks like buying the privilege of taking possession of the government to which we have a constitutional right." And after three years of war—years none too favorable to the Union cause—he answered the much-asked question of when will the war end, by the statement, "We accepted this war for an object, a worthy object, and the war will end when that object is attained. Under God I hope it will never end before that time."

The object was attained and in its attainment Lincoln set before us an example which we are bound to follow—a steady, inspiring example which proves that Right is Might.

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JUNIOR CLASS MEETS

The Junior Class held a meeting last Friday noon. President Knowlton announced the appointment of Lillibridge and Haselton on the Junior Prom Committee to take the place of men who have left school. Chairman Sargent of this committee made a brief report stating that the Prom would be held at the Bancroft on March 31, that Mrs. Chaffin's orchestra would play, and that the number of couples would be limited to 125.

Charles Waddell was elected manager of the Junior Basketball team and the plan suggested by Professor Carpenter of having dancing after inter-class matches on Saturday evenings during March was approved.

Frank Brackett spoke of the Tech Banquet and the class voted ten dollars to help the committee defray expenses.

SOPHOMORE ELECTIONS

At a meeting of the sophomore class Thursday, the election of officers was completed when W. S. Titcomb, of Kennebunk, Me., was chosen secretary.

FRESHMEN APPROPRIATE

At a meeting of the freshman class ten dollars was voted to help defray the general expenses of the Tech banquet.

SIGMA XI MEETING

Last Wednesday evening the W. P. I. Chapter of the society of Sigma Xi held its second regular meeting. Warren K. Lewis, Ph.D., Professor of Chemical Engineering at M. I. T., and a member of the National Board for Investigating Synthetic Nitrogen Production, spoke on "Nitrogen Fixation, a National Duty." Dr. Lewis gave a very interesting talk in such a way that it could be understood by all.

WESTINGHOUSE MAN HERE

On last Wednesday Mr. C. R. Dooley of the Westinghouse Electric & Manufacturing Co., visited the Institute and interviewed seniors and graduate students who wished to work for the company. Each year this company takes on several graduates as designers, research engineers, application engineers, operators, power solicitors and in other capacities.

MUSICAL CLUB DANCE

The Musical Club concert and dance was held in the gymnasium last Tuesday evening and furnished a very pleasant entertainment for the hundred and fifty who attended. The first part of the evening was devoted to a concert in which the several clubs took part. R. K. Beedle, '20, furnished much amusement by his selected readings and the Mandolin Club and Orchestra gave several commendable numbers. After the concert there was dancing until twelve, with Professor and Mrs. Carpenter acting as chaperons.

A. I. E. E. MEETING

Stone and Webster Man to Speak

The next meeting of the W. P. I. Branch of the American Institute of Electrical Engineers will be held in the Lecture Hall of the Electrical Engineering Building, on Friday evening, February 23, at eight o'clock.

Mr. W. H. Blood, Jr., who is connected with the Stone and Webster Corporation, will speak on "Grounding of Alternating Current Secondary Distribution Systems." Mr. Blood is a past president of the National Electric Light Association and is the Chairman of its committee on Grounding of Alternating Current Secondary Distribution Systems. He is also the insurance expert for the same Association. His subject is one of great commercial importance and should prove to be very interesting to all engineers.

RIFLE TEAM RESULTS

The Tech Rifle team has completed shooting its fourth intercollegiate match of the season. Captain Bredenberg was high man as usual, the score resulting as follows:

	Standing	Prone	Total
Bredenberg	89	97	186
Janvrin	80	96	176
Livermore	76	99	175
Smith	86	89	175
Darling	82	91	173

Team total 885
 Those who shot and did not qualify were: Sessions, 172; Lewis, 170; Holton, 170; Crane, 167; Hollerith, 146.

Results of the first inter-collegiate were officially received from Washington last week and were:

Bredenberg, 174; Livermore, 170; Sessions, 155; Darling, 153; and Crane, 152, making a team total of 804. There are four inter-collegiate classes this year and Tech is in the third class. In the results of the first match Tech was second in her class, and has a good chance finishing well in this class.

The winner in each class will be the team having the highest total score. The results of the first match in class C follow: Iowa State, 817; W. P. I., 804; Penn State, 768; Oklahoma Agricultural and Mechanical College, 762; Williams, 721; Johns Hopkins, 667; Mississippi Agricultural and Mechanical, 632; no reports from Oregon Agricultural College, Ohio State University or M. I. T.

EXCHANGE NOTES

For the first time in the history of Amherst, the basketball team had a training trip during the Christmas holidays. Games were played with Brooklyn Polytechnic Institute and with St. John's College.

Carnegie Tech practically falls heir to the monster Panama Pacific exhibit of the United States Steel Corporation which is being installed in Tech's buildings until a suitable museum, which will also be situated on Tech grounds, may be erected.

Twenty-six players from the University of Pennsylvania traveled across the continent to play a post season game with the University of Oregon on New Year's Day at Pasadena, Cal., which, by the way, they lost.

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INTERCOLLEGIATE NOTES

Prayers won the championship of the Little Nineteen conference for the Milliken University football team, according to a statement made by Capt. Eugene Sutherland. At critical points in all games during the season Sutherland said he called his players about him and prayed. Then they went in with renewed vigor and made their first down every time, the captain asserted.

Hon. Allen T. Treadway, Amherst, '86, has just presented a cup to that college to be awarded annually to the fraternity attaining the highest scholastic average. A smaller cup of the same design will be awarded permanently to any fraternity winning the trophy five times.

Students of New Hampshire State are going to build a small stadium for themselves. They will do all the work, including the building of bleachers and grandstand, and according to engineers' estimates will spend only \$500.00 on the entire field.

Following the disbanding of the Amherst Dramatic Association, a new organization, known as the "Curtain Club," has been formed, which will have charge of all dramatic productions in the college.

WIRELESS ELECTIONS

At a meeting of the Wireless Association which was held last week, officers were elected for this term. They resulted in the choice of the following men: President, H. C. Humphrey, '17; Vice-President, F. B. Greeley, '19; Secretary, E. W. Bemis, '19; Treasurer, N. Towle, '17.

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