

TECH NEWS



VOL. 7

WORCESTER, MASS., JANUARY 4, 1916

NO. 16

Relay Season

Class Races Friday

The relay season has commenced again, and "Charlie" O'Connor predicts that the team this season will be even better than the one we had last year. Ray Ricker and Harold Cleveland, two of last year's stars, anchor and lead-off man respectively, are both training faithfully. For the remaining two positions there will be lots of competition, and it is going to be hard picking when the time comes. "Art" Green, the boy who made Ricker break the 220 record last fall, is one of the men who will make a strong bid for a place. Close on his heels are Heinritz, Powers, Knowlton, and Keith. Berry, '16, is coming strong and should make the other candidates hustle. Besides these men there are several others out who are getting experience for next year.

Friday, January 7th, weather permitting, the first series of the Interclass relays will be held. The following Monday will be the day for the final series. On Friday, the two upper and the two lower classes will contest, and on Monday the winning teams will run for the championship.

1916 has won the cup two consecutive times, and if she wins it again this year will retain permanent possession. Here is a chance for the remaining classes to show what they are made of. Everybody out and make these the liveliest races that Tech has seen yet. Here is a good chance for every man who thinks he can run to come out and show his worth. The positions on the 'varsity team are not filled yet, and there is still a chance for you if you will just come out and limber up.

TECH MIXER NEXT FRIDAY

The first Tech Mixer of the year will be held next Friday evening at eight o'clock in the E. E. lecture room. The committee has been very fortunate in securing for this mixer Prof. J. A. Lomax of the University of Texas, Austin, Texas, who is to talk on "Cowboy Ballads."

Professor Lomax is a Sheldon fellow for the investigation of American ballads, Harvard University, and is president of the American Folk Lore Society. Cowboy life and emotions as expressed in the cowboy ballads are especially treated by him in his lecture. The talk contains a large amount of material and is almost entirely humorous.

The Y. M. C. A. considered giving up these Mixers this year because of the failure of the student body to properly support them last year. Friday evening will provide each Tech man with an opportunity to attend an unusually good entertainment and to show that we want the Mixers.

Schedule of Final Examinations, January 1916

COURSE	Thurs., Jan. 13	Fri., Jan. 14	Sat., Jan. 15	Mon., Jan. 17	Tues., Jan. 18	Wed., Jan. 19	Thurs., Jan. 20
Sen. A.	Hydr. M. 206-8	E. E. Lab. E. Let. E1	Steam M. 207	Mech. M. 206-7-8	Gas M207-8		
Sen. B.	Hydr. M206-8	Struct. B 17, 18	Masonry M 208	Mech. M206-7-8	Mech. Pts. M301	San. Ch. (Course B) Ch. Let.	
Sen. C.	Indust. E 2	Sanit. S 37	Electro S 37	Organic S 37	Surv. B 18 or Foundry M 206	San. Chem. Ch. Let.	
Sen. D.	Thermo M 207	E. E. Lab. E. Let. E1	Masonry M208	Mech. M206-7-8	Gas M207-8	E. E. 14 E. Let.	
Jun. A & B	Kinemat. M301-2-3	Econom. B 19 M 208	Phys. 3 Ph. Let. Ch. Let., S 24	Steam E. Let. M 301	E. E. 2 E. Let. B. 19	Mech. M206-7-8	
Jun. C & D	H'ways B 17, 18	as above	as above	R. R. Con. B 17, 18	as above	as above	Stereot. B 19
Jun. E	Abstr. S 37	as above	as above	Quant. An. E 2	as above	Theroet. S 37	
Jun. F & G	Kinemat. M301-2-3	as above	Phys. 4 above rooms	Steam E. Let.	E. E. 1 above rooms	Mech. M206-7-8	
Soph. A & B	Phys. 1 Ph. Let. Ch. Let., S 24		Calc. B 18, 19, 25	Germ. 5 B 19 or French 3, B 24	Surv. B 18, 24, 25		
Soph. C & D	as above	Surv. M 207	as above	as above	Qual. An. (Course B) S37		
Soph. E	as above	Calc. Ph. Let. E 2	Adv. In. E 2	as above	Qual. An. Ch. Let.		
Soph. F & G	as above	Qual. An. B 25	Calc. B 18, 19	as above	Surv. B 18, 24, 25		
Fresh. A B C	Eng. 1 B 19, 20 24, 25	Math. 1 Ph. Let. Ch. Let. S 24	Germ. 3 Ph. Let. B 17	Chem. 1 Ph. Let. Ch. Let. S 24			
Fresh. D E F	as above	as above	as above	as above	Germ. 1 Ph. Let.		
Fresh. G H	as above	as above	French 1 B 24	as above			

All the above examinations are at 9 a. m. In addition, Thursday, January 13 at 2 p. m., Org. Chem. for Jun. D, course B, S 37, and Monday, January 17 at 2 p. m., Spanish I, B 24.

TECH SHOW TRYOUTS

Assistant Managers Elected

A meeting of the W. P. I. Dramatic Association was held December 21. The business of the evening was the election of the six assistant managers called for by the new plan. R. W. Taylor and R. Newcomb were elected assistant business managers; A. E. Robinson and S. B. Bubier assistant stage managers; and R. W. Hirst and N. C. Firth assistant advertising managers. These men will work out under their respective managers until the next election when the managers for the following year will be chosen. A call was also issued for men to try out for these assistant managers from among the freshman class.

Immediately after the meeting Coach Fred Carroll took charge and tryouts for the cast of the coming show were held. Coach Carroll outlined the characters in the cast and then called for candidates to play the feminine parts. Those of last year's cast in school at present were looked over to see that they hadn't grown too stout, and many new ones were given a chance.

The character men were next looked over and then came the trials for the straight male parts.

There were a large number of these, among them much good material especially from the freshmen class.

There will probably be another tryout soon, and any who were not present at the first should make it a point to attend the next.

FIRST RIFLE MATCH

The varsity rifle team will shoot its first match tomorrow evening against an unknown opponent. The complete schedule has not been received from Secretary Jones of the N. R. A., but the targets for the first two matches have been received. These must be returned to Washington before January 15 and January 22 respectively. Prof. J. C. Davis has been reappointed as N. R. A. Judge, and he will oversee all matches shot by the local club.

Eight of the ten men for the first match have been picked. These are as follows: Captain Bragdon, Banan, Lyon, Wilder, Janvrin, Lambert, Lewis, and Reid. The other two are to be picked from tryouts held yesterday and today.

CHEM CLUB MEETING

Dr. W. L. Jennings will speak on "Coal Tar Dyes" at the regular meeting of the Chem Club to be held tonight in the Salisbury Laboratory.

A. S. M. E. MEETING

The local branch of the A. S. M. E. will hold a meeting next Monday evening in the Electrical Lecture Hall. Prof. George F. Swain of the Harvard M. I. T. engineering school will speak on "The Water Power Question in the U. S." Professor Swain has been on government commissions on this subject and is an authority on water power questions.

ROCKWOOD MADE TRUSTEE

To Succeed Mr. Howe

Announcement was made just before the Christmas vacation that George I. Rockwood had been selected to fill the vacancy in the board of trustees caused by the resignation of Elmer P. Howe. Mr. Rockwood is well known to all of us, both as President of the Rockwood Sprinkler Co., and as president of the General Alumni Association. He graduated from the Institute in 1888, having taken the Mechanical Course.

Mr. Howe was an early trustee at Tech. He graduated from the Institute in 1871, being a member of Tech's first graduating class. He attended Yale, taking his A. B. there in 1876.

CALENDAR

TUESDAY—5 p. m. Meeting of Tech News Staff. Tech News Building. 8 p. m. Chem Club Meeting, Salisbury Laboratory. Professor Jennings will speak on "Coal Tar Dyes."

WEDNESDAY—7 p. m. First Intercollegiate Rifle Match. Boynton Hall Range.

6.00 p. m. Friendship Committee Meeting. Church, corner Highland and West Sts.

FRIDAY—8 p. m. Tech Mixer. Prof. J. A. Lomax will recite "Cowboy Ballads." E. E. Hall.

MONDAY—8 p. m. A. S. M. E. Meeting. Prof. G. F. Swain will speak on "The Water Power Question in the U. S." E. E. Hall.

TECH NEWS

Published every Tuesday of the School Year by

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All checks should be made payable to the Business Manager.

The Tech News welcomes communications but does not hold itself responsible for the opinions therein expressed.

All material should be in before Thursday noon at the latest in order to have it appear in the week's issue.

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All communications should be addressed to Tech News, Worcester Polytechnic Institute

THE DAVIS PRESS

JANUARY 4, 1916

BOOST TECH

Editorials

Are you out for the Tech Show? Why not?

Watch those class relays! There will be a close race in the finals.

Another chance for social uplift Friday evening. Get Saturday's "preps" done now.

The Tech Council recently organized a Publicity Committee to advertise Tech. Professor Butterfield is working hard trying to keep graduates interested in the Institute. Every student ought to be doing something to keep Tech known to the world. Hunt up the boys in your high school who are coming here. Help them plan their courses so that they can enter without conditions. Find out enough about the Institute and its history so that you can answer questions intelligently. And then don't wait to be asked about it.

HAPPY NEW YEAR

The beginning of the new calendar year, as such, has probably meant little to most Tech men. The only New Year of interest to them commences in September. But in its relation to other affairs, the coming of the New Year has an important meaning. It marks the close of the first vacation of the school year, and it heralds the approach of the semi-annual week of examinations. So it is an important date in Tech life, and in this the first issue of the NEWS in nineteen-sixteen, the school paper wishes to every reader a happy and a successful New Year!

SLEEP VS. STUDY

Study will be the one thought with many until after the ordeal is passed. Associated with this word should be another, beginning with "s" and containing the same number of letters,—sleep. Without sleep, study will be of little avail for no amount of knowledge will pass a set of examinations when a dull brain is handling the knowledge. An athlete keeps in trim in order to perform at his best; a student can perform at his best only when his body is healthy and his mind clear. A regular program of sleep will avail more than the use of the midnight oil.

FROM A FRIEND

TECH NEWS,
W. P. I.,
Worcester, Mass.

GENTLEMEN:—

I am now located at the Central Branch, Y. M. C. A., 55 Hanson Place, Brooklyn, N. Y., and would like to have my Tech News sent here.

With a word of commendation for the newsy News you are giving us, I remain,
Yours very truly,

WILLARD B. ANTHONY.

Dec. 9, 1915.

EXCHANGE LIST

The Tech News at present exchanges with the following papers:

Tripod—Trinity College.
Beacon—Rhode Island State College.
The Tech—M. I. T.
Tufts Weekly—Tufts College.
Polytechnic Reporter—Polytechnic Institute of Brooklyn.
Maine Campus—University of Maine.
The New Hampshire—New Hampshire College.
Echo—Colby College.
Monthly—Clark College.
Laurentian—St. Lawrence University.
The Tartan—Carnegie Institute of Technology.
The Technic—Rose Polytechnic Institute.
The Argus—Wesleyan University.
The Orient—Bowdoin College.
The Concordiensis—Union University.
The Reville—Norwich University.

The "McGill Daily," published by the students of McGill University, Montreal, has decided to publish no correspondence except over the signature of the writer.

Rhode Island State College men are trying to arouse interest in debating.

Tufts College is endeavoring to get its freshmen to wear their freshman hats.

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LOOKING BACK

The Football Season Reviewed

The football banquet closed the season of 1915, but its memory lingers. There is no hesitation in declaring the season a success; for the number of victories, interest displayed, and individual prowess of players proclaim that Tech football has come to stay.

The eleven's greatest fault was lack of fight, which may be entirely attributed to improper training conditions and insufficient practice. It was certainly not a natural characteristic of the team; for no eleven in existence ever fought a pluckier, harder fight in the face of inevitable defeat than did the crimson and gray at Holy Cross.

Tech's material could without exaggeration be praised in superlative terms. At the ends Stone, and Duffy, both hardened veterans, stand with the best. They were clever, hard to box, fast under the punts, and Stone was a punter of no small ability. Besides these Munz and Sherwood proved themselves material for development.

Weitzen, Dunbar and Morse served as directors of the team. Weitzen through hard work and pluck won the varsity position. With but one hundred twenty-seven pounds of brawn "Weitz" was in every play. Dunbar, with seven years' football experience, was well fitted to run the team. He was a sure tackler and an executor of daring plays; but his inability to regularly attend practise handicapped him greatly. Morse, the freshman quarter, promises well for the future.

Mossberg stands pre-eminent as a line plunger. No team against which Tech played was able to consistently stop his rushes; and by many he has been classed among the best of half backs.

In a broken field Archibald was supreme. Around end he tore again and again for long gains. Seriously injured, however, he was early lost to the eleven.

Kalagher was another line plunger of high merit. Conscientious work developed "Pete" threefold this year and few were the times when he ran up against a stone wall.

Royal, although too light for offensive work, played finely on the defense. His work at Wesleyan will be long remembered.

At center Canfield and Sargent had a battle royal. Either can very capably fill the mid-position.

Storrs at guard played a slashing game and was an able punter. Captain Banan filled the other guard position or a tackle position ably.

Wiedenmann, sometimes at guard, sometimes at tackle, deserves a world of credit. Always in the midst of the fray, he put his name in the Hall of Fame on Thanksgiving day. To him the Purple line was as paper and time and again he hurled the St. James backfield men for losses. His will be a hard hole to fill.

Cassavant at the other tackle labored under the handicap of a weak ankle, but there was by no means a procession through him. Few were the times when he was not in the way of a tackle play.

Fors was a strong line man, and but for an injury early in the season would have been one of Tech's regulars. Lemay, Sibley and Bronson were also strong players in the line, and should develop into varsity material next year.

There is no question about the individual ability of Tech's players. Man

for man they were the equal of nearly any small college team in New England. It was lack of condition, lack of time, and lack of practice that held the team back until it appeared in comparison, only mediocre.

TECH MAN IN TRENCHES

Raymond B. Penniman, ex-'15, is an officer in Company A of the Royal Canadian Regiment, which is now located somewhere in Belgium. A letter recently received from his father says that "Mac" has been in the trenches, off and on, for about two months, and that according to his last letter from the front he "has so far escaped without a scratch, although he was a little bit off from the result of an old operation, and was being sent back to the base hospital for treatment."

PERSONAL

A letter was recently received from Carl H. Au, a mechanical engineer in Washington. Mr. Au designs special instruments and machines. He is now perfecting a machine to locate a point on a map by the use of two photographs taken from known points of observation. One intricate part of the construction lies in the making of two logarithmic spiral drums. Mr. Au reports that work on instrument design is very pressing at present.

CHEMICAL NOTES

H. Y. Babcock '15 has accepted a position with the Bridgeport Brass Co., Bridgeport, Conn.

H. B. Stewart '15 is located with the Atlas Powder Company at the Foreite Works, Landing, N. J.

An article is published in the "Metalurgical and Chemical Engineering" for December by W. A. Darrach '08, on the electric arc in vapors and gases at reduced pressures. This paper was read before the New York section of the American Electro-Chemical Society, November 11, and is an account of some experiments which Mr. Darrach conducted.

LECTURE TO TECH MEN PUBLISHED

The lecture given by Mr. F. L. Fairbanks at the November meeting of the Student Branch of the A. S. M. E. is printed in the current number of "Power." The article is about three pages long and contains four illustrations, re-drawn from the sketches which he made during the lecture. This is a good exposition of the subject of lubrication and brings out many novel ideas which are contributions to the science of engineering.

COSMOPOLITAN CLUB

Prof. Frederic Bonnet gave an interesting talk, before vacation, before the Cosmopolitan Club on "Important Matter of Garbage Disposal." Dr. Bonnet has been at work on Worcester's garbage disposal and his treatment of the local problem was especially interesting. Refreshments were served.

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Y. M. C. A. TOURNAMENTS

The chess tournament is in charge of Kyes '18. There are 11 entries. G. M. Pomeroy '17, last year's champion, will enter the tournament uncontested. Following is the list of entries for the elimination round and the present standing.

Sessions '17, vs. Page '17; Ferguson '17, vs. Kyes '18, won by Kyes, 2-0; Lyon '17, vs. Eaton '18; Merritt '17, vs. Dr. Daniels, faculty; Fung '17, vs. Trull '16; G. M. Pomeroy.

The checker tournament is in charge of Sessions '17.

Following is the list of entries:

Gifford '16, vs. Andrews '18; Tomblen '16, vs. Cole '19; Ferguson '17, vs. W. F. Stearns '17; Greene '17, vs. Soulliere '18; Dr. Long, faculty, vs. Davenport '19.

The pool tournament is in charge of Heywood '17. The winners of the first round will be determined by the highest total of points of three 50-point games. The champion will be determined by the highest score made in the following four games, each man playing every other man, two 50-point games. Following is the list of entries:

Howarth '16, vs. Taylor '18; Butterworth '17, vs. Sprague '19; Duffy '17, vs. Heywood '17; W. I. Stearns '17, vs. Warney '16; Lovell '18, vs. Hall '18.

FIRST AID BOOK

Among the recent accessions to the Mechanical Engineering Library is a gift from the National Association of Manufacturers entitled "Accident Prevention and Relief." The first part of the book is devoted to a detailed description of the German system. The final chapter is the report of the committee of investigation on recommendations for action in this country. The appendix contains letters, reports, etc., for further study.

This book is an attractive presentation of the subject so well illustrated with colored charts, and half tones that it is possible to get much information in a short time by simply looking it over.

NEW CATALOGUE OUT

The new catalogue was ready for distribution the Thursday before the Christmas recess. This year it was prepared under the supervision of President Hollis. It contains a new map drawn by Mr. Crandon of the Civil Engineering Dept. This map shows the campus and alumni field and the contour lines of both. The survey of alumni field from which this map was drawn, was made several years ago by Mr. Knight and a former instructor.

The catalogue also contains, in addition to its usual contents, notices of the Spanish Course and of the new entrance examination fee of five dollars.

CHRISTMAS READING

Two days before the Christmas vacation Prof. I. L. Winter of Harvard read portions of Dickens' "Christmas Carol" to a large audience in the E. E. lecture hall. Although this was the third time that Professor Winter has come up from Harvard in response to President Hollis' invitation to read this Christmas message, the audience listened with intense interest to the dreams and regeneration of "Scrooge." This year, to make the service more attractive, the Piedmont Church Quartet sang Christmas anthems which were appreciated greatly by all those who attended.

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JUNIOR MECHANICS TRIP

Eighteen junior mechanics visited the Hendee Manufacturing Company's plants in Springfield and East Springfield on the Tuesday previous to vacation. The party was accompanied by Mr. Jernberg. This was the same trip that was taken the previous week by the senior mechanics.

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