

TECH NEWS



VOL. 8

WORCESTER, MASS., JANUARY 16, 1917

NO. 15

Interfraternity Basketball Season Opened

The opening games of the Interfraternity Basketball League series were played during the first half of last week. Good basketball material was brought into evidence in individual playing, but as, with one or two exceptions, the men had had little practice as teams, the team work was rather ragged.

In the first game, played Monday evening, Delta Tau was heavily beaten by Lambda Chi Alpha in a 56 to 16 score. Sherman of the winning team was the individual star of the game; he placed twelve baskets from the floor, and picked up six points on free tries. Hanckel and Hunt played a strong game for the losers. Lineup as follows:

Lambda Chi—56	16—Delta Tau
Hinckley, Kimball, lf	rb, Hanckel
Freeman, rf	lb, Hunt
Sherman, c	c, Fielder, Sharp, Strong
Roraback, lb	rf, Lowell, Livermore
Lawton, rb	lf, Cushman

Baskets from the floor: Sherman 12, Freeman 6, Roraback, 5, Hinckley, Lawton; Cushman 3, Fielder 1, Hunt 2. Baskets on free tries, Sherman 6; Hanckel 4.

Referee, F. C. Brough. Time, 15-minute halves.

The second game, Tuesday afternoon, gave a smaller and a closer score, Sigma Alpha Epsilon winning from Alpha Tau Omega 20 to 12. The scoring was peculiar in this game; at the end of the first half A. T. O. led 11 to 4, but in the second period they gained only one point while S. A. E. piled up sixteen. Nearly every man playing gathered at least two points. The swift playing of Mossberg and Tomblen for the losers was interesting to watch, while Wood and Frazer did some fine work for the victors. The line-up:

S. A. E.—20	12—A. T. O.
Frazer lf	rb Mossberg
Wood rf	lb Converse
Hayford c	c Cutler
Storrs lb	rf Darling
Heinritz rb	lf Tomblen, Woodman

Baskets from the floor: Frazer 4, Hayford 2, Storrs 2, Tomblen 2, Darling, Mossberg, Cutler. Baskets from free tries: Frazer, Wood, Heinritz 2, Cutler, Darling. Thirteen free tries were missed. Referee, F. C. Brough. Time, two fifteen-minute periods.

The third game was a little more loosely played; Theta Chi's fast passing work won their 38 to 20 game against Phi Sigma Kappa Wednesday evening. The winners gave evidence of considerable practice in team playing, and were able to elude their opponents practically all the time. Most of the scoring was done in the first half of the game, Reavy and Griffin netting three baskets apiece, and Bronson gaining four. The score at the

(Continued on Page 3)

Tech Show Try-outs

New Material Abundant

Try-outs for this year's show were started last Wednesday night. About forty men responded. Another try-out was held last night, and another may possibly be necessary to determine the final make-up of the cast.

Some promising material, both masculine and "feminine," showed up at the opening try-out. Many 1920 men are anxious to get on the "boards," and several appear to have real talent. Most of last year's men are out for parts, so that there should be sufficient material.

The show itself, "Mister-ee and Miss-Fortune," is a comedy somewhat similar to those of other years. Its principal novelty lies in the abundance in the cast of red-headed girls, five being required to provide the necessary fun and complications. There are practically twenty speaking parts, and they range from girls and students to maiden aunts and kitchen help. Some changes in the cast may be caused by "mid-years," but immediately afterward rehearsals will start, and the 1917 Tech Show will begin to take form.

Frederick A. Carroll is coach again this year, and this in itself is an auspicious sign.

An interesting possibility is that of having the show put on in the new gymnasium. It is understood that Coach Carroll is in favor of this plan. The other possibilities are Tuckerman Hall or Worcester Theater. The dates will probably be March 29 and 30, with the Junior Prom the 31st.

Several songs will be needed to furnish the finishing touches. If you are a musician, or can write catchy words, now is the time to tell Coach Carroll. In a few weeks he will be looking for just such men as you, to build songs around the situations he has picked out.

WORCESTER MEN IN SERVICE SCHOOLS

Among the visitors in Worcester during the holidays were J. Paul Dean, Russell Keith and Dick Morse.

Dean has completed his first year at West Point. Those who remember Dean while he was at the Institute will recollect that he was among the best in his studies and will be pleased to learn that he ranked at the head of his class at the Point. He didn't even prepare for the entrance examinations, he simply went down and "took a chance," as he put it although with him it could hardly be called a chance.

Keith and Morse are both at Annapolis. Both men were prominent in athletics while on the Hill and were mighty popular with their fellow students.

Football Letters Awarded

Sixteen Recipients—Tennis Team, But No Freshman Basketball

Sixteen football letters were awarded at a meeting of the Athletic Council last Tuesday noon. A tennis team was sanctioned, and a petition from the freshman class for the authorization of a class basketball team was not granted.

The honor of the school letter was granted to fifteen players who played the greatest number of minutes during the season. Several other men were considered, but they fell so far short of the requirement that no letter was awarded. The men to receive the letter are: Manager F. H. Brackett, '18; Capt. W. F. Duffy, '17; H. F. Banan, '16; J. D. Storrs, '18; W. P. Kalagher, '18; L. J. Morse, '19; L. L. Tower, '20; D. T. Canfield, '19; L. D. Tomasi, '18; H. C. Needham, '20; H. C. Sargent, '18; R. W. Horner, '20; H. F. Mossberg, '20; H. H. Aldrich, '19; H. L. Lemay, '19; and J. E. Arnold, '19.

Varsity Tennis

The Council voted to authorize a varsity tennis team, provided no financial obligation was placed upon the Athletic Association. The new equipment provides accommodations for practice and for matches, and a coach and a supply of material are both available. Dr. Jennings will coach the team, and there will be a dozen or more good players trying for the team.

The freshman class, which had organized a basketball team with a schedule partly arranged, petitioned for permission to use the school name, but this was withheld as a matter of policy. The association constitution provides a penalty for playing on a team using the school name without sanction.

MUSICAL CLUB CONCERT

The Mid-year Concert of the Musical Clubs will be held Wednesday evening, February 14, unless something unforeseen causes those in charge to make other plans. The Musical Association is endeavoring to make this one of the best they have ever given, having arranged several special numbers including some of the popular Hawaiian music and a comic act. This music, it is their claim, has never been publicly played, as the Association was fortunate enough to secure it direct from the publishers. As usual the concert will be followed by dancing.

Some new level rods have recently been added to the C. E. Department. A sextant may be added in the near future.

New Use for Gymnasium

Committee's Recommendations

In order to provide greater opportunity for social activities at Tech, a committee appointed by President Hollis consisting of Professor Carpenter, chairman, Mr. Pierell, secretary, and Dr. Daniels, has made the following recommendations:

A part of the gymnasium, including the reception rooms, the Y. M. C. A. parlors, the kitchen and the bowling alleys, shall be available for evening use.

Any Tech organization or any group of students, alumni or faculty, shall have the privilege of applying for the exclusive use of these rooms for an evening.

Application shall be made in writing to the secretary of the committee at least one week in advance. The application shall be signed by three men who shall be personally responsible for the use of the building.

The application shall be accompanied by a fee of five dollars.

The rooms shall not be used after twelve o'clock.

When ladies are invited proper chaperonage shall be provided.

The reception room shall be available for dancing.

Refreshments shall be prepared only in the kitchen.

The secretary of the committee shall have full charge of all arrangements. In case of conflicting dates preference shall be given to the first application received.

(Concluded on page 5)

B. C. AT COAST GUARDS Annual Feature, January 27

Invitations were issued last week for the Annual Coast Guard Artillery meet to be held in Boston, January 27. Arrangements have been made whereby Tech and Boston College will meet over the relay course. The Boston team, from all advance information, will offer fast competition, but Coach O'Connor is wearing a smile these days so his charges may be expected to render a good account of themselves.

The inter-class relays will be held directly after the mid-year recess.

CALENDAR

TUESDAY—5 p. m. Interfraternity Basketball, A. T. O. vs P. S. K.

WEDNESDAY—7 p. m. Interfraternity Basketball, S. A. E. vs T. X.

THURSDAY to WEDNESDAY—Mid-year Examinations.

TUESDAY, JAN. 23—Relay. W. P. I. vs. Boston College at the Coast Guards' Meet.

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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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JANUARY 16, 1917

BOOST TECH

Editorials

With the withdrawal of Dartmouth from the New England Intercollegiate Athletic Association, the most serious obstacle to keener competition among the New England colleges is removed. For some years it has been apparent that Dartmouth had outgrown the association, and this tended to cut down the interest shown in the meets.

There will be no issue of the NEWS Tuesday, January 23, owing to the mid-year examinations. The next number will be that of January 30.

The plans outlined elsewhere in this issue concerning the use of portions of the gymnasium for social purposes are worthy of more than passing notice. This plan affords an ideal opportunity for small groups to get together for an evening's entertainment and should be the means of fostering more of the social life in which we are so deficient.

UNSIGNED COMMUNICATIONS

Several times of late communications have been sent in which did not bear the writer's signature. It is the policy of the NEWS not to print any such articles unless the name of the person who sends them in is known, not necessarily for publication but merely to insure the sincerity of the person writing.

Hit those exams now, they will seem much more difficult next April.

N. E. I. A. A. TO MEET

To Decide Whether Meet Comes Here

Whether the New England Intercollegiate Track Meet will be held on Alumni Field this year, will in all probability be decided at the meeting of the executive committee of the Association to be held in Boston, February 3. Thornton R. Stenberg, as a member of this committee, will at that time present his facts and figures to prove Worcester the ideal place for the annual affair. Worcester was for many years the center of New England's athletic affairs and there are many who wish to see this old time prestige restored.

Worcester is admirably located for such an occasion, almost in the center of New England geographically and certainly as regards transportation facilities. And Alumni Field with our new gymnasium furnishes the best of facilities for staging the event.

MR. BALCOM RESIGNS

Mr. S. E. Balcom, who has held the position of instructor in the management of engines and boilers at the Institute since 1908 and who has since 1914 been superintendent of buildings and grounds, has resigned to take a position with Graton & Knight in Worcester. Mr. Balcom is to be chief engineer in the large plant which the leather people maintain in this city.

TECH NIGHT CHANGED

The plan of holding Tech Night Friday February 9 has been abandoned, owing to the fact that the Civil Society has planned a meeting for that date. As every other Friday night in the month appears to have been set apart for something, Monday, February 5 has been settled on as the best time for the celebration.

PERSONAL

Last Friday the Junior Chemists presented Mr. Henry R. Power, who is leaving the Institute, with a scarf as a token of their esteem.

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PROFESSOR ALDEN VISITS INSTITUTE

Professor Alden, who was formerly at the head of the Department of Mechanical Engineering at the Institute, returned to the Hill for a short time last Thursday morning. During this time he spoke to the seniors, taking Professor Allen's course in Hydraulics, on "Fundamentals." Professor Alden is the president of the Norton Grinding Co. Both Professor Bird and Professor Alden studied under him during their student days at the Institute.

TAU BETA PI PLEDGES

Fifteen Seniors Wear Button

Fifteen members of the Senior class are now wearing the pledge button of Tau Beta Pi. These men are as follows: A. L. Ball of Bridgeport, Conn.; P. E. Barker of Orange, Mass.; M. H. Cutter of Fitchburg; C. S. Darling of Springfield, Mass.; R. E. Greene, Hudson, Mass.; D. F. Higgins, Athol, Mass.; F. L. Holbrook, Rutland, Mass.; C. Hollerith, Washington, D. C.; E. R. Knight, Providence, R. I.; W. L. G. Mackenzie, Grafton, Mass.; R. N. S. Merritt, Worcester; W. J. O'Neill, Springfield, Mass.; H. B. Quimby, Worcester; H. W. Sheldrick, Wilton, N. H.; L. E. Wheeler, Worcester.

Tau Beta Pi recognizes men for high scholastic ability ranking as does Phi eta Kappa in academic colleges.

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CLASS AVERAGES
From Recent Examination

The following is a series of the average values of the points noted as taken from the recent physical examination of the two lower classes. It would be interesting to be able to follow the comparisons of two classes for two or more years. The ages of the two classes are almost identical.

1919	
Age	19.11
Weight	142.3
Height	5'8 1/2"
Girth Neck	1.154
Girth Upper Chest (Normal)	34.7
Girth Upper Chest (after inspiration)	36.5
Girth Waist	28.82
Girth Hips	36.2
Girth Right Thigh	21.65
Girth Left Thigh	21.4
Girth Right Calf	13.7
Girth Left Calf	13.6
Girth Right Arm, contracted	11.74
Girth Left Arm, contracted	11.5
Girth Right Forearm, contracted	10.21
Girth Left Forearm, contracted	10.
Girth Right Wrist	6.5
Breadth Shoulders	16.6
Depth Chest after Inspiration	8.45
Depth Chest after Expiration	7.16
Capacity of Lungs	428.6
Strength of Back	316
Strength of Legs	492
Strength of Upper Arm (pull up)	17.85
Strength of Upper Arm (push up)	11.5
Strength of Right Forearm	113
Strength of Left Forearm	103
Total Strength	1260
Weight—Height Coefficient	.369
Strength Weight Coefficient	8.8
Respiratory—Weight Coefficient	.065

1920	
Age	19.1
Weight	135.3
Height	5'8"
Girth (Neck)	13.7
Girth Upper Chest	33.6
Girth Upper Chest (after inspiration)	35.5
Girth Waist	28.2
Girth Hips	35
Girth Right Thigh	20.02
Girth Left Thigh	19.95
Girth Right Calf	13.20
Girth Left Calf	13.10
Girth Right Upper Arm, contracted	11.34
Girth Left Upper Arm, contracted	11.10
Girth Right Forearm	10.3
Girth Left Forearm	10.1
Girth Right Wrist	6.38
Breadth Shoulders	16.05
Depth Chest after Inspiration	8.2
Depth Chest after Expiration	7.02
Depth Abdomen	6.75
Capacity Lungs	404.4
Strength of Back	283.3
Strength of Legs	445
Strength of Upper Arms (pull up)	18.6
Strength of Upper Arms (push up)	13.05
Strength of Right Forearm	107
Strength of Left Forearm	98.4
Total Strength	1160
Weight—Height Coefficient	.353
Strength-Height Coefficient	8.5
Respiratory—Weight Coefficient	.065

PERSONAL

Professor Fairfield was presented with a box of cigars by the men, whom he piloted on the mechanics' inspection trip last week.

NEW USE FOR GYMNASIUM
(Continued from Page 1)

The committee shall have the power to amend these regulations.

Some groups have taken advantage of these facilities already, and the parties have been very successful. It is hoped that social gatherings in these rooms will become very popular, for social development should be a part of a college training. Any class division, or club, or boarding house group, or fraternity will find these rooms an excellent place for a party. The reception room accommodates thirty couples easily for dancing, while the game rooms and bowling alleys will be particularly appreciated by those who do not care to dance. Too often in the past students who do not dance have felt a lack of social opportunities.

These recommendations have nothing to do with the use of the main gymnasium floor, which is under the jurisdiction of Professor Carpenter alone. This is to be used occasionally for social purposes but the idea of the committee was to make available those smaller rooms which do not interfere with the work of the department of Physical Education, so that there may be frequent social gatherings of Tech men.

INTERFRATERNITY BASKETBALL
SEASON OPENED
(Continued from Page 1)

end of the half was 24 to 9 in favor of Theta Chi. Burleigh, Whitlock, and Ericsson played a fast game.

The lineup was:
Theta Chi—38
Griffin lf
Morse rf
Whitlock c
Ericsson lb
Smith, Greene rb
Baskets from the floor: Whitlock, 4, Reavey 5, Griffin 5, Ericsson 3, Smith; Bronson 6, Jones. Baskets from free tries: Reavey 2, Morse 5, Bauder. Free tries missed 9. Referee, F. C. Brough. Time, 20-minute halves.

CATHOLIC CLUB MEETS

The monthly meeting of the Catholic Club was held Tuesday night in the K. of C. rooms. President Duffy presided and introduced Father Donnelly of Holy Cross, who spoke on "Technologist's English: It's Aim and Acquisition." Simple rules were given for its practical application. The talk proved to be very interesting. Father Forran, the chaplain of the Society, then spoke, urging the members to follow the advice given by Father Donnelly. William Kallagher was elected junior director. A social hour followed.

CIVIL ENGINEERS MEET

The Boston Society of Civil Engineers held a special meeting in Chipman Hall, Tremont Temple, Boston, last Wednesday evening, January 10. Mr. J. Lowenstein of the Engineering Department of the American Bridge Company read a paper on "The Construction and Erection of Hell Gate Bridge." An unusually large gathering of engineers were present and were more than pleased with Mr. Lowenstein's talk. The Institute was well represented at the meeting, the delegation including several undergraduates.

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**SENIOR MECHANICS ON ANOTHER
'TRIP'**

Last Friday Professor Fairfield took the Senior Mechanics on an inspection trip, their destination being the points of interest in Boston. On their arrival in the Capital City they proceeded to the Charlestown Navy Yard where they visited two U. S. battleships. As a great number of officers were on furloughs those in charge of both ships were required to furnish enough expert guides to entertain the Tech men. First they saw chains and ropes being made and then they visited the power house. After having been shown all parts of a battleship, including some seldom visited by outsiders, and having exposed themselves to the lashing sea breezes, the men returned to Boston for dinner.

In the afternoon they went to the Watertown Arsenal where Captain Counsellor explained the construction of gun carriages and shells. The return to Boston for supper was then in order.

Being fatigued from withstanding such an avalanche of explanations and remembering the story about "All work and no play," they fooled the weather man, whose reception was indeed cool, and followed up their advance order of tickets to "Miss Springtime."

Some of the men stayed over until Saturday and, in small groups visited other places of mechanical interest, one of these being the interned German liner, "Kron Princessin Cecille."

RIFLE TOURNAMENT PROGRESSING

The second round of the Rifle Club's individual tournament found Holton, Bredenburg, Livermore and Lewis still in the running. The scores were as follows:

Holton	96
Bredenburg	95
Lewis	95
Livermore	94

CHEM CLUB CHANGES

At a meeting of the Chem Club held Friday morning several radical changes in the nature of the organization were proposed and were well received. Although the Chem Club is the oldest of the societies on the hill in late years it has not been the success that it might be. Prof. Frederick Bonnet, Jr. proposed the formation of a new society to be known as "The Skeptical Chemists" which would take the place of the old organization. The membership would depend on the attendance at meetings and talks given

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before the Club. Each member in good standing would receive a "shingle." The constitutional committee submitted a new constitution, which was discussed, although definite action was deferred until certain features of the plan became more clearly defined.

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President 1918	N. P. Knowlton—Park 2278
President 1919	A. H. Welch—Park 1050
President 1920	C. H. Needham—Park 928
President Y. M. C. A.	M. H. Flint—Park 1050
Secretary Y. M. C. A.	G. O. Pierrel—Park 687-W
President A. A.	W. Duffy—Park 1083
Musical Association	C. F. Kennedy—Park 928
Dramatic Association	H. F. Safford—Park 4963
Wireless Association	H. C. Humphrey—
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