

## ENGINEER FIVE DEFEATS TERRIERS

### BISHOP JONES TO SPEAK AT LIBERAL CLUB DISCUSSION

"Kellogg Pact and Militarism" is Subject of Meeting This Afternoon

#### IS NOTED PEACE ORATOR

Bishop Paul Jones, former Bishop of Utah and noted as a liberal religious and political leader, will address the Liberal Club this afternoon at 4 o'clock on the subject of "The Kellogg Peace Pact and Militarism." Following the speech, a discussion will be held, in which the students will participate. The room will be announced through blackboard notices.

Due to a sudden call to New York, Professor Harry W. Dana, formerly of Columbia, who was originally scheduled to speak at the Liberal Club meeting, will be unable to speak this week. Bishop Paul Jones, who will leave for the West following the meeting, has consented to present several points on the peace pact at today's meeting. The meeting as usual is open to the entire student body and members of the faculty.

Bishop Paul Jones is at present Chairman of the Fellowship of Reconciliation movement, Associate editor of the World Tomorrow, and a director of the American Civil Liberties Union. He is a graduate of Yale and of the Episcopal Theological Seminary.

As one of the most vigorous orators in this part of the country, Bishop Jones speaks continually before large gatherings on the subject of peace and militarism. He has written numerous articles and several books on this question. In his work as a director of the Civil Liberties Union, he has many times had the opportunity to fight for the cause of freedom of speech, press and assembly. This afternoon he will discuss the peace treaty and on what the student can do to help further peace in the world.

### Flying Club Has To Change Plans

Prominent Army and Navy Fliers Will Give Lectures at Ground School

Due to the fact that the strut wires which the Flying Club ordered for their plane were unsatisfactory when they finally arrived, the plans which had been formulated have had to be completely changed. As it would probably take several weeks to get the right wires and since very little flying can be done this late in the season, the plane is to be dismantled and stored away till spring.

In the meantime the ground school which had been contemplated by the club will start shortly. The class will be held every Wednesday from 4 to 5 o'clock.

#### Dick C. Holihan '31 New President

Under the incorporation laws a foreigner may not be president of a corporation. Accordingly, when the Flying Club incorporated, it became necessary for the President Frederick A. Celler '29, a French citizen, to resign. Dick C. Holihan '31, was elected to this capacity and Charles B. Conwell '31, was chosen as secretary to take the place of Holihan. Conwell was also placed on the Board of Directors which consists of all of the officers. Holihan is to hold office till May, 1929, while the rest of the officers remain in office only until February.

Students may still join the club as associate members. This membership costs three dollars a year and entitles the student to attend the ground course, but carries no flying privileges. Anyone interested, should attend the next meeting of the club which will be held in Room 418 of the Aeronautical Building, Wednesday at 4 o'clock.

### Students Throw Milk Bottles Into Charles

Several Technology students had practical experience in hurling milk bottles at 3 o'clock yesterday morning due to an accident on Harvard Bridge. A car was speeding along the bridge and attempted to pass a milk wagon which was being pulled by a frozen horse. The auto skidded directly into the rear of the wagon and scattered bottles of milk all over the bridge. Several students who were returning to the dormitories witnessed the accident and stopped about twenty minutes to throw broken milk bottles into the Charles. This early morning exercise was extremely stimulating for the participants.

### ALDRED LECTURES BEGIN THURSDAY

Mr. Walter D. Hines Will Speak on "The Cotton Textile Institute"

Starting this year's series of Aldred lectures at Technology, Mr. Walter D. Hines, president of the Cotton Textile Institute of New York, will describe the work of his organization. The lecture will be held in Room 10-250 next Thursday at 3 o'clock.

All Seniors, graduate students and members of the instructing staff are invited to attend, and classes which would be held at the time of the lecture will be excused in order that these students may be present.

This series of lectures was started in November 1923 by Mr. John E. Aldred, a prominent industrial engineer. During his work in the many fields of industry with which he was connected Mr. Aldred found that many young engineers became confused when they attempted to link their theoretical knowledge which they

(Continued on Page 4)

### Roy C. Andrews in Boston Wednesday—Discovered Eons-Old Relics in Gobi

World-Famed Explorer to Lecture at Symphony Hall on 4th Asia Exploration

Discovery of a leg-bone which was much larger than an ordinary human and required four men to carry it was only part of the day's work for the Roy Chapman Andrews' Fourth Central Asiatic Expedition recently returned to the United States from a year's intensive exploration of the almost unknown country beyond modern China. Terrifying, blinding sandstorms for days enveloped the party, temperatures ranging from below zero to 140 degrees had to be contended with, mud-choked, winding trails, brigand-infested, were a luxury compared with most of the highways encountered.

As a result of the expedition people of the world have a much further knowledge of their origin. Fossil remains have been discovered which undoubtedly will prove the birth-place of the human race. Skeletons of animals of which we had no previous conception were found. Accurate descriptions of the country and life at this time, easily three million years ago, are being compiled from the specimens brought back.

#### Talk Pertinent at Technology

It is of these facts which Mr. Andrews will talk in his lecture at Symphony Hall on Wednesday evening, December 12th, at 8:30. Coming to Boston almost immediately after the expedition landed, the noted naturalist will tell of his experiences and findings, illustrating his tales with motion pictures. His coming is sponsored by the Radcliffe College Alumnae Association, and is for the

### Dramashop Makes "Show-Off" Ready For Presentation

Dramatic Production Will be Given December 13 and 15 at Rogers

"The Show-Off," a play which is the first production of the Dramashop this year, will be given in the Commons Room in the Rogers Building on the evenings of December 13 and 15 at 8:15 o'clock. The final preparations are in progress and rehearsals are held every Tuesday and Wednesday.

Howard A. Robinson '30 is in charge of the costuming, the make-up, and the properties. The stage manager, Charles O. Terwilliger '30, is putting the finishing touches on the scenery. The design of the setting shows a very large room which is the living room in the home of the Fisher family. Chauncey W. Raycroft '31 has been in charge of the construction of the scenery and Richard C. Ashenden '31 has arranged the lighting effects.

The cast of "The Show-Off" is: Clara.....Mary Elizabeth Betts '30 Mrs. Fisher.....Eleanor E. Brown '31 Frank Hyland.....Richard B. Ogden '30 Amy.....Helen May '29 Mr. Fisher.....J. Palmer Boggs '30 Joe.....Cyril R. B. Harding '30 Aubrey Piper.....Paul V. Keyser, Jr. '29 Mr. Gill.....Robert McKenzie '32 Mr. Rogers.....Frank B. Stratton '29 Paul V. Keyser, Jr. '29 has the title role of the play, Aubrey Piper. He has been in both the previous performances of the Dramashop, taking a minor part in "The Hairy Ape" and being one of the beggars in "At the Sign of the Greedy Pig." Helen May '29 has the leading woman's part, that of the Amy Fisher. Harding, Ogden, and Stratton have been in all the former productions of the Dramashop.

Tickets are \$1.00 each and are obtainable from members of the cast or management and also at Room 2-178.

benefit of the Associate Nursery School. The association wishes to point out the interest which this opportunity will have to Technology students, not only from a general viewpoint, but also because of the scientific aspects of the discoveries, particularly as regards geology, paleontology, and mineralogy.

#### Weird Creatures Found

In his talk, Mr. Andrews draws from a year replete with thrilling discovery. Some of the animals' bones which the party found belonged to quadrupeds whose actual size and proportions surpass one's wildest nightmares. One specie was particularly grotesque. This animal is scientifically termed the "titanothere," and is larger than the biggest rhinoceros, with a skull concave like a Western stock saddle, and a nose as long as an elephant's trunk, at right angles to the ground and of solid bone.

#### Grave Dangers Overcome

The country through which the party travelled is thickly infested with bandits, who molested the explorers at every opportunity. The whole populace, such as it is, were inimical to the progress of the expedition, although in one case a dollar apiece to a group of lamas, the priests of the region, convinced these men that the ground which the party wished to work on might not be so holy after all. Sandstorms proved the greatest menace—Mr. Andrews speaks of days at a time when one could neither read nor write, and when conversation was possible only through half-closed lips. Sand blasts like exploding shrapnel cut the men's faces until they bled, and it was only by holding onto the tent poles that they kept the frail shelters upright.

### Cardinal and Gray Takes the Long End of a 35-23 Score in Close Contest

#### Track Coach Beats His Charges to the Camera

Found—an athletic coach who is crowd shy! Oscar Hedlund, Technology track mentor, put his theory into practice Saturday morning and blew into the photographer's room in the Infirmary five minutes before the Field Day relay teams were scheduled to appear. The locked door withheld the mob outside while Coach Hedlund posed in peace and, most especially, in solitude.

### MOUNTAINEERING SUBJECT OF TALK

Dean Peabody To Tell Faculty Club of Experiences in Dauphine Alps

"Mountaineering in the Dauphine Alps" is the title of an illustrated lecture scheduled for the special meeting of the Faculty Club to be held in the North Hall of Walker Memorial, tomorrow evening. The lecture will follow immediately after the dinner, which will be served at 6:30 o'clock.

The speaker is Prof. Dean Peabody, Jr. '10, Associate Professor in the department of Mechanical Engineering. During the past summer Prof. Peabody conducted an Appalachian Mountain Club party through the Dauphine Alps. Ascents were made of the Meije, the Matterhorn, and Mt. Blanc; the starting points of these various climbs being La Berarde, near Grenoble, France, Chamonix, and Zermatt. The story of the Meije venture is portrayed graphically in moving pictures, while interesting views of the other ascents are shown by means of stereopticon slides. Prof. Murray P. Horwood '16, Secretary of the Club, assures an interesting evening to all who attend.

### KENNETH C. REYNOLDS GIVES LECTURE TODAY

European Hydraulic Laboratory Work to be Illustrated

Kenneth C. Reynolds '25, of the department of Civil and Sanitary Engineering at the Institute, will give an illustrated lecture on European hydraulic laboratories in Room 1-132 this afternoon at 2 o'clock. The lecture will include work being done in laboratories at Berlin, Karlsruhe, and Wilhelmshaven, Germany and in Danzig, and in Stockholm, Sweden, and is open to all students and the public.

Mr. Reynolds was recipient of the John R. Freeman Traveling Fellowship of the Boston Society of Civil Engineers and has been on a leave of absence from the Institute for the past sixteen months in order to study in some of the important foreign laboratories.

### R. W. OWENS UNABLE TO HOLD COLLOQUIUM

Announcement has been received from the Electrical department that the Colloquium scheduled for December 10 and 11 has been postponed until March 4 and 5.

Mr. R. W. Owens, manager of the Industrial Motors Department, who was to have discussed the subject of "Commutation Problems" was unable, at the last minute, to leave some design work for which he was responsible and rather than send an alternate he asked that the colloquium be held at a later date.

### BOTH TEAMS FIGHT HARD AS HALF ENDS IN A 15 TO 15 TIE

Captain Brockleman, Brig. Allen, and George Lawson Lead Beaver's Offense

#### BERRY IS TERRIER STAR

Fighting hard from start to finish, the Varsity basketball team conquered Boston University by a score of 35 to 23 in the Hangar Gym Saturday evening. At the end of the half the score stood 15-15, but during the second period the Engineers steadily forged their way to the front; although the game was not decided until just a few minutes before the final whistle.

Captain Bernard Brockleman, George Lawson, and Brig Allen divided the scoring honors with Lawson leading the list with a total of twelve points. Lawson made several pretty shots from the side of the floor, the ball appearing to drop through the basket without even touching the rim.

First Part of Game Close During the early part of the game, the playing was rather close and as a result neither team was able to sink many shots. Brig Allen scored the first point of the game as a result of a free throw. Captain Pete Soutiere, the Terrier left guard, soon followed this up with a field goal giving B. U. the lead.

From then until the end of the half the score saw-sawed back and forth with neither team getting more than a two point lead. The Cardinal and Gray scored more field goals, but they only sank one out of the eight free throws that they received while

(Continued from Page 3)

### Civil Engineers Hear Noted Men

Mr. Bush and Mr. Seabury Talk on Bridges and on Work of the A.S.C.E.

Mr. Lincoln Bush gave an illustrated talk on bridge building and Mr. George T. Seabury '02, told of the work of the American Society of Civil Engineers at the meeting of the Civil Engineering Society last Friday. Both speakers were introduced by Professor Charles M. Spofford '93 of the department of Civil Engineering. The meeting was well attended by students and faculty.

Mr. Bush is President of the American Society of Civil Engineers and is well known in the civil engineering world, his position being one of the highest and most coveted in the profession. He explained how sand was used in place of hydraulic jacks in the building of a bridge in New Jersey.

### SOPHOMORE DANCE COMMITTEE CHOSEN

Plans for the Annual Sophomore Dance which will be held during the second term of school will be started within a short time. The following men of the Sophomore class have been chosen to form the committee for the dance: Horace S. Ford, Jr. chairman; O. Glen Goodhand; Robert S. Backus; Robert T. Leadbetter; Robert B. Freeman; Harold P. Champlain; John M. MacBrayne, Jr.; J. Harold Genrich; Kenneth W. Smith; Tinsley W. Rucker; Edward R. Sangster; Richard H. Yates; Joseph B. Birdsell; and John P. Elting.

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SUBSTANTIATION

IN the "Proceedings of the Society for the Promotion of Engineering Education", published in 1926, William E. Wickenden, Director of Investigation for the Society, has summarized "some of the more striking contrasts between higher technical education here and abroad". We quote from his summary, called to our attention three days ago as containing much that verifies the ideas expressed in "Blind Braggadocio", conclusions that have been reached after thorough investigation:

- 1. We have an unbalanced and top-heavy system, the result of imitation and the absence of any coordinating control comparable to the European ministries of education.
2. Because our system is top-heavy, a good deal of it is pretentious. An insatiate craving for prestige, even though it may be hollow, and uncritical emotionalism characterize too much of our entire scheme of higher education. In comparison, European educators are realists.
3. We have little to learn abroad as to material equipment, except in a few special laboratories in Germany. We might learn, however, how far short we fall of getting the full possibilities out of our investment.
4. We are in real danger of exalting material equipment and perfection of teaching routine above men, as the foundation of our work. Getting the men is apparently harder than getting the things. . . . As it is we do not pay in money and we do not know how to pay in honor.
5. We have to compensate for the results of a scheme of secondary education . . . comparatively flabby and superficial. In point of mental maturity and discipline, extent of knowledge and capacity for hard work, the European youth of eighteen is nearly two years in advance of our own. . . . we send our graduates out on an approximate par with the product of a three-year program in Great Britain, somewhat behind the product of the best three-year programs in France, and practically a year behind the diploma engineer from the four-year programs of Germany, Austria, Switzerland, Holland, and the Scandinavian countries.
6. We shall lag in the higher stages of technical education unless we can get our abler students to assume much more initiative. Our whole set-up tends to become a scheme to give students an education. Too often our colleges are highly elaborate school-houses, our students are overgrown schoolboys, and our professors glorified school-masters.
7. . . . Speaking broadly the American graduate fits into the teamwork of business and practical life more readily than the continental diploma engineer, but he is apt to have an inferior grasp of theory and fundamentals and to be less capable of working independently.
8. Training in design by full-scale project work bulks much larger in the continental scheme than in Britain and America.
9. Continental Europe depends on the higher technical schools as centers of research and original work far more than America or Great Britain. The large scale industrial laboratory is . . . something of an American handicap.
10. Both professors and students abroad have more freedom than with us.

In conclusion, I find myself drawn to the conviction that we have a program of technical education which is well suited to a considerable group of our students of a medium grade of ability. The present program is plainly too long and too complex for a large group of lower powers. But there is a third group, not large and probably not as large as it should be, young men of high native ability and mental energy. We need a better program, a freer program, for these men and in providing for them we have most to learn from our colleagues across the Atlantic.

As We See the Movies

METROPOLITAN

There has come to the Met this week the world's third all talking-picture, "The Home Towners," a film depending entirely for its humor and plot upon the clever lines of the actors. It furnishes a most excellent example of the added scope given to the movies by continuous accompanying speech, for without the Vitaphone addition the picture would be practically worthless.

The story deals with the approaching marriage of one of two old cronies, the fortunate one having made his millions as a New York broker, and the other as a South Bend sheriff. The latter conceives a decided distrust for the lowly family of his pal's fiance, and rather wrecks both the marriage and a related business deal. Of course things finally turn out very nicely. The cast has been admirably well chosen from the standpoint of both acting ability and excellence of voice—quite a consid-

Away from the Grind

The Dorms

Benignly watched by presidents emeriti, seventy-five couples trotted gayly about Walker, to the tunes of the Collegian Ramblers, who were their usual hot selves. A few substitutions in the orchestra still left a brilliant ensemble, and the band's willing compliance with insistent demands for longer dances added the last touch to a very successful evening.

Matrons were the Mesdames Hamilton and Tucker. The ushers were

erable difficulty in these days of the silent drama. In "The Magic Rug," Gene's stage production, several interesting feature acts and scenic effects are presented to the tune of oriental music and colorful settings, two catch-as-catch-can dancers being exceptionally good. We imagine the Magic Rug itself must have been borrowed, as it appeared solely in the title.

Robert A. Lytle '30, head usher, aided by Bill Roberts '31, and Lincoln S. Gifford '31.

The dancing began in earnest about ten o'clock. At 11:30 refreshments were served, but the dance continued until two. An innovation in lighting effects was made by new rotating spot lights, and a replacement of the usual ceiling illumination with lanterns.

Beta Theta Pi

Breaking into the Social Column for the first time this year, the Beta's gave their first dance of the year in the chapter house on Kent Street. Brother Ben Smith, who drew the cover for the last number of "Voo Doo", again exercised his art. (Continued on Page 4)

AFTER you've flunked that quiz, get outdoors and forget it

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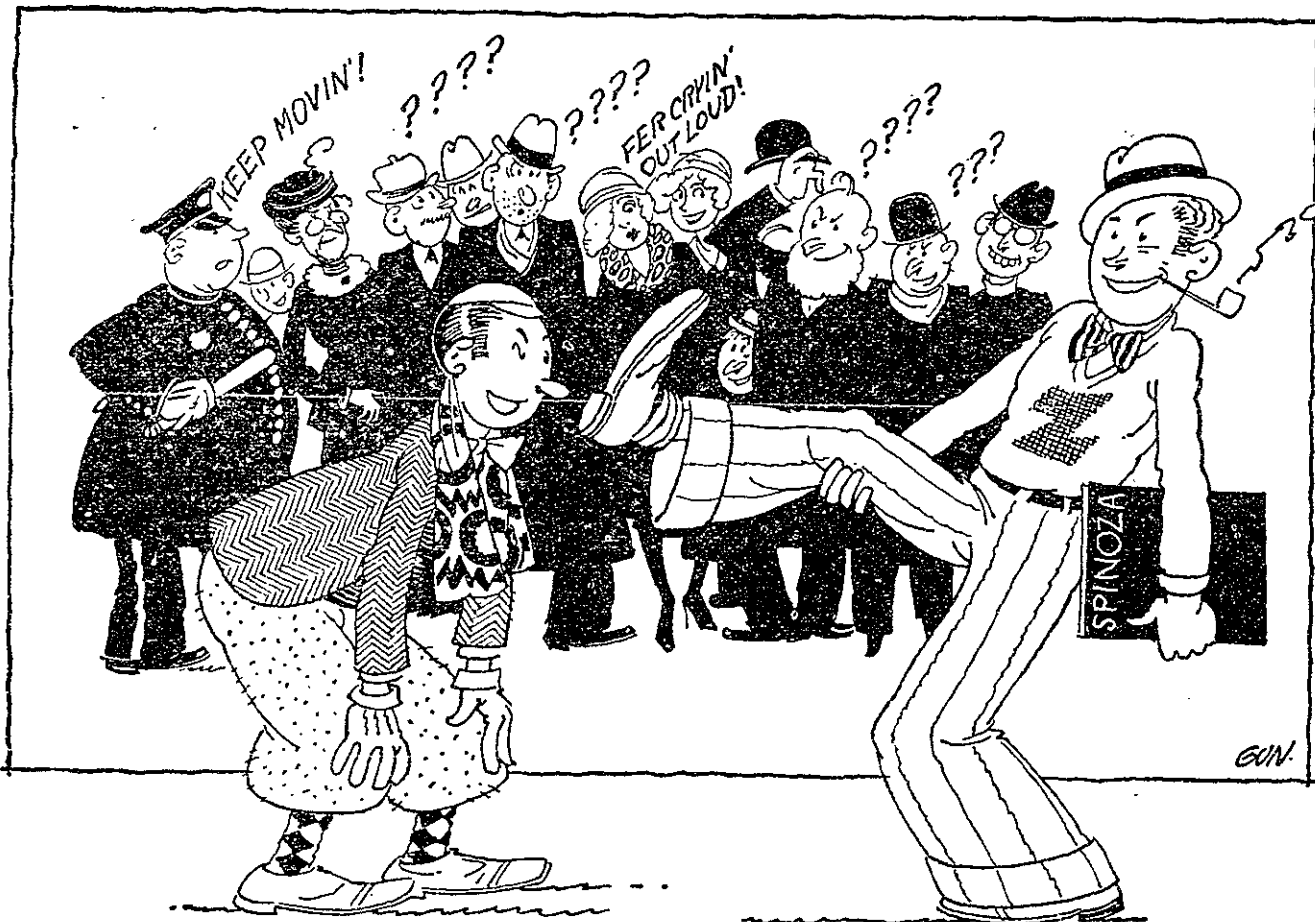
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Ted: "The first time I heard Goofus clattering around on hard ones."

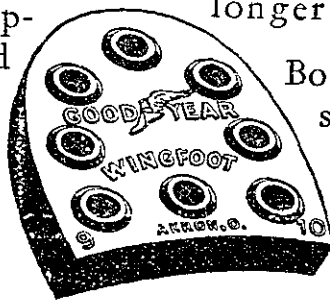
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# BEAVER SEXTET LOSES TO B. U.

## Interesting Contests By The Teams Put On At Sports Night Exhibition

### Technology Loses Hockey Contest to B. U. Terriers 2-0 at Old Boston Arena

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Gentlemen:  
As my Christmas present I purchased for myself a pound of your tobacco (L. gewo. t.) in 1/2 lb. flat tins. This morning on the tram I met a man with whom I am only slightly acquainted, and filling my pipe produced your tin, at which he exclaimed: "I am not a pipe smoker, but occasionally I have a try in that direction and I consider that the tobacco in your hand is the finest made."  
I am in entire agreement with his statement.  
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### B. U. Team Manages to Score Twice in Hard Fought Battle, Riley Starring

Technology's Hockey team lost to B. U. last Saturday night at the old Boston Arena, by a score of 2-0. The game was fast and very rough, many penalties being dealt out to both sides. The outcome of the game was some what of a surprise as the Engineers were considered big favorites prior to the game. However, the team showed that they are not as yet in shape, being handicapped by a late start this season. With the Harvard game but three days hence, coming next Wednesday, Coach Bill Stewart promises intensive training for the Varsity this week.

The first score of the game came in the first period when Whitmore, right wing for B. U., succeeded in driving the puck past Goal Tender Riley after taking a pass from Lombard, left wing for B. U.

The second score came in the second period when after the Terriers had succeeded in rushing the puck down to Techs goal, Nelson, taking a pass from Lombard, managed to draw Phil Riley out from the net and shoot the rubber past him. Tech registered in the latter part of this period and also in the third but did not succeed in scoring as B. U. was playing a tight defensive game after making their two scores.

Riley for the Varsity put up a neat exhibition of goal tending throughout the game while ex-captain Crosby displayed some fast work on the forward line. Nelson and Lombard were the stars for the B. U. terriers. The lineups are as follows:

M. I. T. Boston U.  
Peene, f.w. ... f.w. Currier  
Crosby, f.w. ... f.w. Bergholtz  
White, c. ... c. Whitmore  
Lucy, r.d. ... r.d. Elliot  
Cullinan, l.d. ... l.d. Gibson  
Riley, goal ... goal Silberberg  
Substitutes: M. I. T.  
Pahey, Mead, Ford, Hall Hazeltine.  
Substitutes: B. U.  
Lombard, Barren, Nelson.

### Yearling Quintet Loses Hard Fought Game To Terriers

Stage Rally in Second Half, But Fail to Overcome the B.U. Lead of 8 Points

Staging a desperate rally that fell short by two baskets, the freshman basketball team lost to Boston University 19 to 15 at the Hangar Gym Saturday night. During the first quarter both teams played about evenly, but in the second period the Terriers, led by Hall, a right forward, piled up a lead of four baskets by the end of the half setting the score at 13 to 5.

At the beginning of the second half the Cardinal and Gray began to take the offensive, but they could not overcome the lead that B. U. had established during the first half. Towards the end of the game it looked as if the Beavers might overtake their opponents, but they missed a number of shots and the game ended with B. U. the victors by a score of 19-15.

**Paul and Rash Play Well**  
Joseph Paul and Otway Rash led the Engineers' attack, Rash getting seven points while Paul ran up a total of six. Paul appeared to have one defect in his style of play and that was an excess of dribbling. Several times he failed to see an open man and dribbled into the Terriers defense only to lose the ball. Rash played a good all around game sinking three of the six free throws that he attempted.

Hall, the Terrier's right forward, was the backbone of their offense running up a total of 14 points.

M. I. T.	G. F. P.
Rash, lf.	2 3 7
Stockwell, rf.	0 0 0
Sears, c.	1 0 2
Ross, c.	0 0 0
Weller, lg.	0 0 0
Paul, rg.	3 0 6
<b>Totals</b>	<b>6 3 15</b>
B. U.	G. F. P.
French, lf.	1 0 2
Hall, rf.	6 2 14
Locke, c.	0 0 0
Wood, lg.	0 0 0
Richards, lg.	0 0 0
Rizzo, rg.	1 1 3
<b>Total</b>	<b>8 3 19</b>

Referee: Downs. Time: 4 8 minute periods.

### VARSITY QUINTET DOWNS TERRIERS IN LIVELY GAME

Lawson and Allen are High Point Scorers as Engineers Triumph 35-23 IS SECOND M.I.T. WIN

(Continued from Page 1)  
close and most of the shots failed to go through and as a result neither team was able to do much scoring. As the whistle blew for the end of the period the score stood 15-15.

Appearing refreshed after their ten minutes rest the Cardinal and Gray five entered the final period with new vigor. This has been a characteristic of the Varsity team this year as they generally play best during the second period. For a few minutes the Terriers struggled desperately, but soon the Engineers began to outplay the visitors and a sustained drive netted about ten points which gave the Cardinal and Gray a comfortable lead.

**Game Close Throughout**  
At no time during the game, however, was the result certain as the B. U. quintet constantly threatened the Beavers' goal and the long arms of Lawson, Brockleman and Allen more than once snatched the ball out of danger. In the defensive work, the Cardinal and Gray's size gave them a decided advantage as the average height of the Engineers was about two inches more than that of the Terriers.

When the period was about three quarters over, Brockleman was taken out of the game because of four personal fouls and Allen was shifted to center while Coffey took Brig's place. At this time, however, the Beavers led by quite a fair margin, but they managed to keep on the offensive even though they lacked the aid of Brockleman's jump.

**Berry Plays Well for B. U.**  
Berry, the Terrier's left forward, played a good game getting four field goals and six free throws. He was an exceptionally good shot from the foul line as he made six out of the seven free throws that he tried. Spitzer also played a good game for B. U. As he is a guard he did not feature in the scoring, but he played a good all-around game.

Next Saturday the Engineers tackle Newport Naval Training station in the Hangar Gym in what is expected to be one of the hardest contests of the season. The sailors have been playing together for quite a while and are considered a very dangerous quintet.

M. I. T.	G. F. P.
Allen, lf.	4 3 11
Nelson, rf.	1 0 2
Bates, rf.	0 1 1
Harrison, rf.	0 0 0
Coffey, lf.	0 0 0
Brockleman, c.	4 1 9
Lawson, lg.	5 2 12
Dickenson, lg.	0 0 0
Motter, rg.	0 0 0
McDowell, rg.	0 0 0
<b>Total</b>	<b>11 7 25</b>
B. U.	G. F. P.
Berry, lf.	1 6 14
Zauden, rf.	0 0 0
Crawford, rf.	0 1 3
Worrel, rf.	0 0 0
Johnson, rf.	0 0 0
Nims, c.	1 0 2
Soutliee, lg.	1 0 2
Buckwater, lg.	0 0 0
Spitzer, rg.	1 2 4
Heller, rg.	0 0 0
<b>Total</b>	<b>7 9 23</b>

Referee: Kelleher. Timeouts: M. I. T. 2, B. U. 2 Time: two 20 minute periods.

### Swimming Tryouts Will Begin Tonight

Tryouts for the interclass meet in swimming, in which all students are eligible, will be held at the University Club in back of the Copley Plaza Hotel at 5:15 o'clock, today. The heats will be held in the 50 and 100 yard dashes, also in the back stroke and breast stroke. Those who wish to compete in these tryouts are urged to be present as early as possible. The winners of this meet will meet in the finals to be held Wednesday, December 12, at 5:30 o'clock in the same pool.

### Exhibitions in Five Winter Sports Given Friday Night Before Enthusiastic Crowd

Boxing, Wrestling, Basketball, Gym, and Fencing Teams in Exhibitions

About two hundred enthusiastic students witnessed the Sports Night demonstration which was put on by teams representing five of the Institute's winter sports in Walker Gym last Friday night. The exhibitions of boxing, wrestling, fencing, and gym work were especially good. The basketball game between the Varsity and freshmen was decidedly one sided, the Varsity five outclassing their younger rivals to such a degree as to make the game uninteresting.

Starting the night by giving the freshmen a terrible beating, the Varsity basketball team defeated the yearling team 16-4. The Varsity scored five baskets before the freshmen even got started and was forced to enter the second team which was almost as successful, allowing the first year men only two baskets.

Ross, of the freshmen, played a good game at center, and he will probably be very valuable to the frosh in their future games.

**Fencers in Fast Matches**  
Following the basketball game, Hamilton and Hartwell of the fencing team gave an exhibition with the foils. The match was fast and furious, and each attack was accompanied with a clash of steel, and a subsequent salute when one had made a touch. The match ended with Hamilton getting five touches to Hartwell's three. Following this event, the sabre champions met, and Nussbaum, Intercollegiate Champion defeated Harris, runner-up in the New England Intercollegiate.

**Boxing Makes Big Hit**  
Boxing scored the big hit of the program, and the crowd became decidedly enthusiastic over the three fast

bouts put on by the members of the Varsity Boxing team. In the first bout Bolanos, 145 pound class, Captain of the Varsity, met Jameson. Both men were in excellent condition, and were on their toes during the entire three rounds.

**Horton Opposes Svensson**  
In the second bout Horton, 165 pound class, met Svensson, 175 pound class. Horton showed lots of class, bobbing and weaving, shooting in fast rights and lefts, but he sacrificed reach and weight to his opponent, who was successful in landing a long right that almost stopped the fight. The bout was very exciting, and the crowd gave the men a big hand. Park met Orleman in the last bout. Park, one of the promising freshmen, started off with a furious attack, which brought a big cheer from the crowd, but the pace was too fast and the fight slowed up considerably. Orleman a Varsity man, countering with a reserve, carried the fight to the end.

**Wrestlers Put On Two Bouts**  
DerMarderosian met Pitbladdo in the first wrestling match of the evening, and the battle ended in a draw, after a long series of tosses and flips. Cooper then met Perkins. The contest started with the usual flips, throws, and tumbling acts, with DerMarderosian as referee.

**Gymnasts Perform**  
To conclude Sports Night, the Gym Team went through a series, which was one of the best in recent years. Dave Wells, who placed in the Intercollegiate, and Bob Platt went through a series on the high bar, while Wes Reynolds did an excellent series on the rings, parallel bars, and participated in a rope climbing contest. Dave Wells, Cooper, and Sidur also did a series on the rings.

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**OFFICIAL BULLETIN**

**FACULTY CLUB**

Lecture in Walker Memorial, North Hall, by:  
**Professor Dean Peabody, Jr.**  
 December 11, 6:30 P.M.

Subject: "Mountaineering in the Dauphine Alps."  
 (Illustrated with Stereopticon and Moving Pictures)

**BIOLOGY AND PUBLIC HEALTH**

The meeting of the Sedgwick Biological Society has been postponed until 8:00 o'clock, Wednesday, December 12, in the Emma Rogers Room.

**CIVIL ENGINEERING**

**Mr. Kenneth C. Reynolds**  
 Instructor in the Civil Engineering Department  
 will give a talk in Room 1-132 on  
**"European Hydraulic Laboratories"**  
 December 10, 2 P.M.

**ELECTRICAL ENGINEERING**

The Colloquium "Commutation Problems" to be conducted by Mr. R. W. Owens has been postponed until March 4 and 5.

**CALENDAR**

- Monday, December 10**  
 5:15—At University Club, Trial Heats for Interclass Swimming Meet.  
**Tuesday, December 11**  
 5:30—T. C. A. Cabinet Meeting, Walker Grill, Walker Memorial.  
 6:30—Faculty Club Dinner, Faculty Dining Room and North Hall, Walker Memorial.  
**Wednesday, December 12**  
 5:30—Finals in Swimming Trials.  
 6:30—Walker Club Dinner Meeting, North Hall, Walker Memorial.  
 7:00—Tech Show Chorus Trials, East Lounge, Walker Memorial.  
 7:00—Sedgwick Biological Society, Emma Rogers Room.  
 7:30—Mathematics Club Meeting, Faculty Dining Room, Walker Memorial.  
**Thursday, December 13**  
 8:00—Aldred Lecture, Room 10-250.  
 8:00—Massachusetts Safety Council Dinner Meeting, North Hall, Walker Memorial.  
**Sunday, December 16**  
 4:00—Popular Science Lecture, Room 10-250.

**Notices and Announcements**

**CHRISTMAS CONCERT**

Tickets are on sale in the Main Lobby from 12-2 every day for the Christmas Concert and Dance to be held Friday, Dec. 14 in Longwood Towers.

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**Roy Chapman Andrews**

Just back from three years thrilling expedition in Asia. Will give his lecture "The Newest Search For The Oldest Man", illustrated with motion pictures, Wednesday evening, December 12, at 8:30 o'clock in Symphony Hall.  
 Benefit of the Associate Nursery School  
 Tickets \$1.00, \$1.50, \$2.00, \$2.50 and \$3.00.

**GYM TEAM**

There are openings for one Sophomore, and two freshmen assistants to the gym manager. Anyone interested in this position should report to the Manager, Thomas MacLaren in Walker Gym any afternoon after five o'clock.

**SWIMMING**

Heats for the interclass meet, in which all members of the school are eligible, will be held at the University Club in back of the Copley Plaza Hotel at 5:15 P.M. Monday, December 10. Heats will be held in the 50 and 100 yd. dashes and in the back stroke and breast stroke. Those competing are urged to be present as early as possible. The finals of the meet will be held Wednesday, December 12, at 5:30 P.M.

**TECH SHOW**

Rehearsals for the Tech Show of 1929 will take place this week as follows:  
 Cast rehearsals—Tuesday, Wednesday, and Thursday in the West Lounge of Walker at 7:30 o'clock;  
 Chorus rehearsals—Wednesday in the East Lounge of Walker at 7:30 o'clock.

**JOHN W. ROBINS '31 RESIGNS FROM T.C.A.**

John W. Robins '31, manager of the Information Service of the Technology Christian Association, has announced his resignation from this position. Louis S. Morse, Jr. '31, has been appointed to fulfill the vacancy.

**Percentages**

WE herewith present the very latest thing around the Institute, newer than the automotive lab or anything else you may think of. In fact, so new that we hesitated quite awhile before making up our minds to go ahead with it. In brief, this is to be a contributors' column, in which all the ready wit and subtle brain-children of students and faculty will be conglomerated (at least, such is our desire). We are not out to "get" anybody, nor have we established PERCENTAGES because we have an axe to grind. Just banish suspicion from your minds, and open your old hearts freely to RS. Names will be withheld, if desired, but a non-de plume should accompany your letter if you wish to break into print. No personal correspondence or requests for advice will be published.

% % % %

Voo Doo scores first. Much has THE TECH been berated, and rightly so, but never have we printed the same story twice in one issue.

— 50% —

Speaking of T. E. N. and Voo Doo arguing over ringers, have you heard any arguments as to which of them played the worse brand of football?

— 95% —

Relegating football to the past, lend an ear to the appeal for a little support for the basketball and hockey teams. Just look what support did for Harvard—enabled them to beat Yale! What would a few masculine cheers do for our hoopsters and pucksters? Is Harvard going to eclipse us in support of athletics? Harvard, a school notoriously indifferent to its athletic teams?

— P 55 —

Now that the Electrical Department has hung lights on its bulletin boards, we may expect up-to-the-minute stock quotations on the Engineering Administration Department's boards. And, of course, Prof. Tucker, up in Building Construction, has long been an advocate of piling loose bricks around his room.

% % % %

Railroads are offering a 25 percent reduction on round-trip tickets to Chicago, Christmas week. Carfare to South Boston is only ten cents, and results are almost as satisfactory.

— 50% —

We hope you don't misunderstand us.

% % % %

Hey, Coeds, have you heard that Bill Greene is casting director of Tech Show? There's a lad as knows a chorus-like shape when he sees one. But he doesn't get a chance to see many among the Dramashoppers that infest his and Dean Fuller's joint sanctuary.

— 95% —

But just wait till Drill starts next Spring!

— 100% —

Neal O'Hara writes like this, too. S'funny, ain't it?

— 30% —

In closing, we quote from "The Off-Hour" in "The Columbia Spectator": "Blessed is the columnist who receives, for he shall retain his mental composure. . . ."

—RS

**MR. WALTER D. HINES IS ALDRED LECTURER**

Seniors and Faculty Will Hear About Cotton Industry

(Continued from Page 1)

learned at school with the practical problems they were confronted with in outside work. In an attempt to help these engineers Mr. Aldred started the series of lectures intending to have them cover five years with about five or six lectures every year. Prominent men in industry and engineering are secured to give the students an idea of the conditions they will meet when they get out in business. Professor Vannevar Bush '16, is in charge of securing the speakers.

**CABINET OFFICERS TO MEET TOMORROW**

Secretary of New England Work Will be Main Speaker

Wilmer J. Kitchen, secretary for the Christian Association Work in the New England colleges will be the principal speaker at the monthly dinner meeting of the T. C. A. Cabinet tomorrow at 5:30 in the Walker Grill. He will speak and lead a discussion on the ideal Christian Association program and how phases of this program are being carried out in other colleges.

Mr. Kitchen, a graduate of Pennsylvania State College, was secretary of the Christian Association at that institution last year. Since then he

**Away from the Grind**

(Continued from Page 2)

listic talents to great effects. The three rooms that were given over to dancing were each done in a different decorative scheme, with results that delighted the eyes of the 250 couples who attended (not to mention the joyous stag line). The Tunesters were there in force, and discoursed sweet music to perfection.

The Beta's say that at their next dance they intend to have subway guards and turnstiles in order to complete the illusion. But what will the crowd care as long as punch as excellent and plentiful as flowed last Friday evening is on tap?

**Sigma Chi**

The chapter entertained at a formal dinner before the Inter-Fraternity Dance last Thursday. Places were laid for thirty-six. Mr. and Mrs. A. W. K. Billings were the guests of honor. Mr. Billings is an alumnus of the local chapter; graduating from Technology with the Class of '24.

**Sigma Nu**

Another pre-dance dinner party was held last Thursday at the Sigma Nu house on St. Paul Street in Brookline. Fourteen couples sat down to an excellent chicken dinner. ("The best dinner we've had at the house since Thanksgiving!" according to one of the boys.)

After the meal, the group adjourned to the big living room, where bridge tables had been set up. "Herm" Botzow introduced much gaiety to the party when he brought forth two immense packs of beach cards. Considerable talent for entertainment was discovered among the guests, some of whom were found to rival any vaudevilliennes in their dancing and playing.

has been working in the various New England colleges.

At the meeting a delegation of students from Brown University will be present to study the method of conducting the Cabinet meeting at Technology. The Advisory Board of the Association will attend the meeting for the first time, since only the student members of the Association usually come to the meetings.

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