

## BASKETBALL TEAM WILL FACE SQUAD OF FORMER STARS

Varsity Men Will Play Crimson  
Independents Friday  
Night in Gym

### VICTORY IS EXPECTED

Coach McCarthy Will Retain  
Lineup Which Started  
Newport Game

Technology's varsity basketball team, which started the season off with a bang by defeating the Newport Naval Training Station by a score of 57 to 14, will come up against more strenuous opposition in their second game, to be played in the Hangar Gymnasium this Friday evening. The visiting aggregation, playing under the title of the "Crimson Independents," is composed entirely of former college stars, two of whom played for Technology's arch rival, Harvard.

#### Independents are College Stars

Nine players comprise the Independents' squad, but the five starters are not definitely known as yet. The forwards are Beisel, formerly of Dartmouth, Dean of California, and Hill of Kansas State. They are also well fortified at the center post, with Peckham of Colgate, Mahadey of Harvard, and Svin of St. Olaf College. Guards are Lynn of Princeton, Jeffrey of Kansas, and Tom Farrell, last year's Harvard captain, who was largely responsible for Harvard's victory over the Institute last winter.

#### They Lost to Dartmouth

Although the Independents lost a game to Dartmouth last week, they are not to be taken lightly. Dartmouth always produces an excellent team, and the defeat was far from being a disgrace. To those who watched the smooth teamwork which Technology displayed against Newport last Saturday, however, it seems more than likely that the Engineers will hang up their second victory. Their opponents are undoubtedly more experienced, but it is more than likely that they have had comparatively little practice.

Coach McCarthy of the Institute team is standing pat, barring injuries, on the first-string lineup which worked so well against Newport: O'Brien, lf; Coffey, rf; Johnson, c; Feustel, lg; Sysko, rg. It is hardly likely that the game will see as many substitutions as occurred against Newport, but Amenta and Oldham should get into the game.

## Coach of Wrestling, Jay Ricks, Was One Time Member of Famous Team

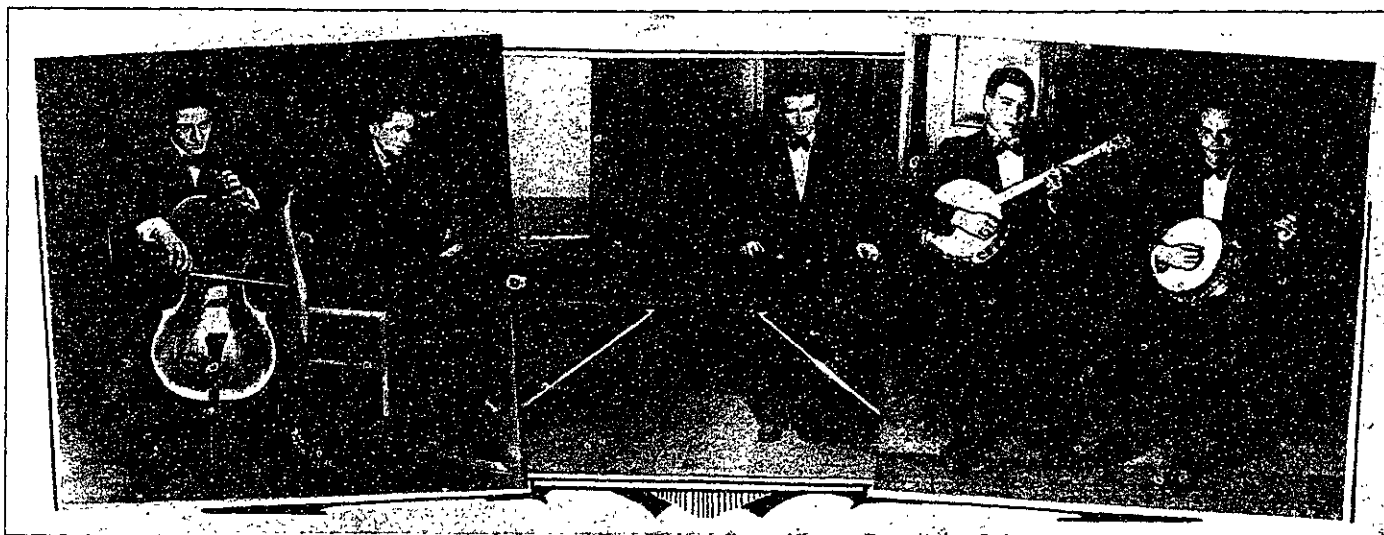
Ricks Wrestled For Four Years  
At College After Wins  
In High School

With the All-Tech Wrestling Tournament close at hand, attention will, no doubt, be directed upon Jay Ricks, coach of the wrestling team. Looking into his records it is found that he was a member of the Oklahoma Agricultural and Mechanical College varsity wrestling team, which has the enviable reputation of having lost only two meets since 1917. In the two years that he wrestled in high school, he won the State championship of the Oklahoma high schools. He also won the Southwestern district Olympic championship, which included wrestlers of fourteen States.

Ricks entered the Oklahoma Agricultural and Mechanical College in 1925 to study Architecture, and after graduating two years ago, he began as a coach of wrestling at the Institute. In addition, he is enrolled as a special student in the Architectural School here.

Starting his wrestling in high school, he continued it through the four years of college, where he worked in 145- and 150-pound classes. Once he attempted to

## Specialty Acts To Entertain At Winter Concert



Cello Specialty Ernest Spannhahe '33 Helmut Seifert '33  
Xylophone Merton S. Neill '34  
Banjo Specialty Arthur L. Conn '34 Warren H. Pease '32

### T.C.A. Seeks Discarded Clothing For Red Cross

Cooperating with the local chapter of the American Red Cross in an effort to relieve the distress which is expected to be prevalent among the unemployed and their families during the coming winter, George E. Best '34, manager of social work of the Technology Christian Association, has sent letters to all Technology fraternity houses asking for discarded clothing.

Any old clothes received will be turned over to the Red Cross for distribution among those in need. Although letters have been sent to fraternities only, contributions from all students will be welcomed. Bundles may be left at the T.C.A. office.

### THREE HOUSES RESIGN FRATERNITY COUNCIL

#### No Reason Given for Action at Last Night's Meeting

Three of the leading fraternities at Technology tendered their resignations to the Interfraternities Conference at a meeting late last night. The representatives of the fraternities, Delta Kappa Epsilon, Phi Beta Epsilon, and Delta Psi, left the meeting immediately following the move.

No reason of any sort for this action was given by those concerned, the papers of resignation merely stating that "the members of this fraternity believe that it is to their best interest to resign at this time." Leaders in the three organizations refused to make any statements, referring all queries to the wording of the resignations.

train himself down to 135 pounds, but he says that it is not worth the mental and physical fatigue.

#### Also Participated in Other Activities

Besides his major sport, Ricks undertook interclass football and made the all-school eleven, which was made up of the players of the six schools of the college. After being a member of the Student Council for two years, he was elected president of the Council in the first semester of his Senior year. He was also on the staff of the *Registry*, the yearbook of the college.

Oklahoma Agricultural and Mechanical College, the school from which Ricks graduated, is noted for its famous wrestling teams. In 1928, four of its students were on the Olympic team; this being more than students from any other college. Many outstanding professionals are part of the School's Alumni. Among the agricultural institutions of the country, it has about 3500 students.

Coach Ricks does not expect to enter any sort of professional bouts, since that field requires heavyweights nowadays, and he lacks the necessary weight. In Jay Ricks' opinion, no sport is better than wrestling for the development of physique.

## FAMOUS YACHTING EXPERT WILL TALK ON RACING TACTICS

Dr. Manfred Curry, Skipper and  
Writer, Is Authority on  
Theory of Sails

### ADMISSION BY INVITATION

Presenting his only Boston lecture, Dr. Manfred Curry, writer, yachtsman, and authority on the theoretical aspect of yacht racing, will speak this evening on racing tactics and the aerodynamics of sails, in Room 5-330 at 8 o'clock.

Besides being a noted racing skipper, Dr. Curry has written books and articles which have been read by most of the racing yachtsmen in America. He is the author of "Yacht Racing, Aerodynamics of Sails, and Racing Tactics," which is now in its second edition, and "Wind and Water," now on the press, and is also a frequent contributor to yachting publications. Professor George Owen '94, of the Naval Architecture Department, said that Dr. Curry "is probably considered the outstanding authority on sail aerodynamics."

#### Will Show Motion Pictures

With the lecture will be shown six thousand feet of motion picture film taken by Dr. Curry. The first part of the picture is devoted to various sail forms, both ancient and modern, and views of the wings of the albatross, the seagull, and other soaring birds, to show the great similarity of their wings to the modern Marconi sail. A series of pictures taken in a wind-tunnel show the passage of air currents by many forms of sails, airplane wing surfaces, and bird wings.

In the second part of the picture are shown fifteen different types of boats, ranging in size from the small German fifteen-square-yard racer to large English schooners. Following these, many sorts of racing manoeuvres are demonstrated by two twenty-square-yard racers, ending with the right and wrong ways of rounding buoys. The last part of the picture consists of several complete regattas and accidents in the form of capsizing and stranding, and finishes with some views of the big schooner races at Cowes.

Besides being scientifically and experimentally interesting, the pictures are artistically very beautiful. Two reels were shown yesterday to some members of the Faculty of the Naval Architecture School, and Professor Owen said that they were among the finest he had ever seen.

#### Meeting Open for Questions

After the lecture the meeting will be thrown open for questions and a general discussion.

Sponsors of the lecture are the Eastern, the Boston, and the Corinthian Yacht Clubs. Admission is by invitation, and the available number have already been oversubscribed. There are only about four hundred and seventy seats in the hall, and the requests for invitations have already exceeded the five hundred mark with many inquiries still coming in.

### Janitor Discovers Book of Pre-Volstead Recipes

Records of that period in American history when "a man could raise a thirst" have been found in Technology's Library. The credit for the discovery goes to one of the janitors who unearthed a most interesting volume among a pile of books which had been removed from the shelves.

It is a collection of household hints and contains complete instructions for the now forbidden beverages, the names of which would bring tears to the eyes of many a Crusader. Appropriately enough, the treasure now rests in the Information Office where it is often consulted by students of Ancient History, and others.

### TO REPRESENT T. C. A. AT MEETING TONIGHT

Technology will be represented at a meeting of the Christian Associations of Greater Boston colleges to be held this evening by Charles H. Pierce '32, William C. Schumacher '34, Walter B. Sharp, Jr. '34, and Wallace M. Ross, general secretary of the Technology Christian Association. This will be the regular monthly meeting of the group and will be held at the Y.W.C.A. at 410 Stuart Street, Boston, at 5.30 o'clock.

Members of the Christian Associations of several local colleges, including Harvard, Boston University, Northeastern, Wellesley and Wheaton will be present. The purpose of the meeting is to provide an opportunity for members to discuss the work which they have in common.

## Collection of Quack Coal Savers Possessed By Institute Professor

Salt Composed Largest Part Of  
Materials Claimed To  
Improve Fires

Among the many quack formulas and worthless patented ideas, which have been devised by both honest men and charlatans to play upon the public's eagerness for something for nothing, are the various products which have been advertised as increasing the efficiency of coal fires.

One of the earliest attempts at such a product came about forty years ago and was made from Chili saltpeter. A pound of this material (mostly NaNO<sub>3</sub>), was sprinkled over a ton of coal. NaNO<sub>3</sub> will decompose under the action of heat with oxygen as one of the products. However, a pound of this chemical cannot even furnish enough oxygen to burn an equal weight of coal, let alone a ton. However, to make the sale of the material entirely indefensible, later products were composed of 90 per cent salt.

#### Sodium Salts Used

Salt is a basic compound in all these products as the sodium vapor gives the flame an intense yellow color which it would otherwise lack, making even an intelligent layman think the dosed flame

## TRY TO MAKE THE CHRISTMAS DANCE BEST EVER GIVEN

Longer Refreshment Period Is  
Planned to Stop the  
Usual Crush

### PRESENT FLOOR SHOW

Will Award First Prize in the  
Poster Contest, Won by  
William Brown

Many features and added refinements have been made by the management of the Combined Musical Clubs in an attempt to make the Christmas Concert and Dance the best of a long career. All preparations have been completed and nothing remains but the opening of the doors next Friday evening.

In order to avoid the customary wild rush for refreshments, the period from 11.45 to 12.30 o'clock has been set aside for the serving of ice cream and cake, during which time the orchestra will continue to play. Any group of men, whether from fraternities or the dorms, numbering more than four, may reserve a table under the alcove, where they will be served at any time during the refreshment hour they may choose.

#### Floor Show at 12.30 O'Clock

At 12.30 o'clock, a half-hour floor show will be presented for the amusement and entertainment of the dancers. Four special numbers will be given at this time and possibly more. Besides the previously announced pieces, Merton S. Neill '34 will play an xylophone solo and Arthur L. Conn '34 and Warren H. Pease '32 are scheduled to entertain with some tunes on the banjo.

During the evening, Eugene F. Lynch '32, general manager, will present the prize money for the winning poster in the contest held by the Clubs. The winner, William H. Brown '33, receives five dollars for his conception of what a poster should be. The poster itself, along with the one winning second prize, will be on exhibition in the lobby of Walker Memorial that night. It is considered to be the best ever entered in a contest and really worth seeing.

#### Dance May Be Prolonged

Although it has been announced that the dance will stop at 2.30 o'clock, the management of the Clubs plans to hold the orchestra until 3 o'clock, if this move is justified. The decision will depend

(Continued on page four)

is much hotter than the untreated flame. A little later a compound containing oxalic acid as well as salt was put on the market, the use intended for the acid being unknown, at least to the Institute professor interviewed. Other compounds contained permanganate of potash, giving an impressive violet-colored liquid which was supposed to be poured over the coal. Another combination was made up of salt, coal, and sulphur, and still another one employed antimony sulphide, a chemical used in making fireworks.

#### Advertised to Burn Ashes

Residue from acetylene generators made up one brand known under the name of Monn's Product which, it was claimed, could burn ashes. A boiler test was given to a product known as Kem-Kom by Professors Edward F. Miller '86 and Augustus H. Gill '84 who detected no improvement in the treated coal.

Similar remedies have been manufactured in regard to gasoline products which it is claimed will increase mileage. Their success generally consists in making the motorists adjust their carburetors for a leaner mixture, thus giving them more miles per gallon.

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MUSICALE

THOUGH we are told that the typical Technology undergraduate becomes more and more the deep-thinking, serious-minded individual with the passing of each student generation, he apparently retains to no less degree an appreciation for music and the enjoyment of musical presentations.

The Musical Clubs, however, cannot bask in the warm sun of ease and contentment. The offering of a concert means weeks of preparation and practice, to say nothing of the selection of appropriate numbers. They must, in an evening, allow each individual club an equally prominent place in the concert, and at the same time present a unified program which will appeal to the tastes of an engineering audience.

This Friday evening the annual Christmas Concert is scheduled, tickets for which have been on sale all week. To be sure, there are many of us who will feel that the price asked is rather high; perhaps we forget how much the Clubs deserve our backing.

A QUESTION OF ETHICS

WE would call attention to two letters in today's "Open Forum" column, written by two members of the Sophomore Class, both of which take us to task for the Spectator's "vicious and uncalled for" attack upon "the equatorial periphery" of Professor Robert E. Rogers of the English Department.

Professor Rogers is generally not adverse to the fun constantly made of his physical proportions, in fact, he seldom delivers an address before a group of the student body without prefacing it in asserting that he "was built for comfort, not for speed!"

ELEVENTH HOUR

PROCRASTINATION is unexcusable in any form, but where it means the delaying of some worthy organization or some preconceived plan, it becomes all the more unpardonable.

As the official record of the undergraduate school year, Technique is faced with many problems, varying in size and in importance, necessitating the drawing up of a schedule, and the rigid adherence to that plan throughout the year.

Obviously, sitting for a photograph should involve no momentous decisions, nor occupy a great length of time. We therefore urge those men who have thus far neglected to attend to this matter to do so immediately and thus greatly assist the publishers of Technique.

Institute Medical Aptitude Test Is Scheduled Friday

Study of Past Results Reveals It Is Most Efficient Test Method

The Medical Aptitude Test of the Association of American Medical Colleges, which, through a study of past results, has been shown to be more reliable for prognosticating the future success of students in medical schools than any other method, will be given at the Institute at 3 o'clock this Friday in Room 3-460, under the supervision of Professor F. Alexander Magoun of the Humanics Department.

Each student taking the test should bring with him two well-sharpened pencils and the fee of one dollar to defray the necessary expenses of the Association in the preparation, administration, and interpreting of the tests.

At the University of Vienna all professors are required to wear frock coats to classes, and pledges to fraternities are required to learn how to duel before they are initiated.

Our Depression Is Nothing New 1857 Article Indicates

Observer Noticed Same General Conditions Seen By Writers Today

Depression. Who says that this one is the worst that we have ever had? Who is bold enough to say that business will never pull itself out of the present mire? Depressions have occurred regularly for the past seventy-five years and an excerpt from an editorial that appeared in Harper's Weekly on October 10, 1857, shows that the same general conditions existed during an earlier depression.

"It is a gloomy moment in history. Not for many years - not in the life-time of most men who read this paper - has there been so much grave and deep apprehension; never has the future seemed so incalculable as at this time. In our own country there is universal commercial prostration and panic, and the thousands of our poorest fellow-citizens are turned out against the approaching Winter without employment, and without the prospect of it.

In France the political cauldron seeths and bubbles with uncertainty; Russia hangs as usual, like a cloud, dark and silent upon the horizon of Europe; while all the energies, resources and influences of the British Empire are sorely tried, and are yet to be tried more sorely in coping with the vast and deadly Indian insurrection, and with its disturbed relations in China.

It is a solemn moment and no man can feel an indifference (which happily, no man pretends to feel), in the issue of events.

Of our own troubles no man can see the end. They are, fortunately, as yet mainly commercial; and if we are only to lose money and by painful poverty to be taught wisdom - the wisdom of honor, of faith, of sympathy, and of charity - no man need seriously despair. And yet the very haste to be rich, which is the occasion of this widespread calamity, has also tended to destroy the moral forces with which we are to resist and subdue the calamity."

Even though the tuition this year has been raised and everyone seems blue, way back in 1857 the future looked just as black. Russia, India and China alike presented problems, and how vital such questions are today!



Hooded and muffled forms stole down the back roads on a recent cold and blustery night as the pledges of Scabbard and Blade went forth to work out their infantry problem and attack a lonely hill-top.

Since the "Blues" were higher up the hill than his party, the "Red" leader, taking it seriously and not knowing that the game was supposed to terminate with the arrival of the opposing sides, decided to try to make the best of a difficult situation.

In the meantime the old members who were refereeing the game scouted the roads in their patrol cars, searching for the missing party. The referees searched and froze, the defenders waited, watched, and froze. At last across the hard cold ground the sound of the recall signal reached the hidden "Reds" and the "Red" captain went out in search of the referees.

chattered the serious one, "we are waiting for 4 o'clock before attacking" ... and forty frozen Scabbard and Bladers dropped dead.

The Lounger opines that all the three-toed gods shudder at Technology's two greatest evils, crashers and stags. Walker is the world's easiest hall to crash, so little can be done about that; but stags are a white horse of a particularly different saffron hue.

Names are all over the lot. Names on the dorms, names for rooms, for lounges. Ye great unhappy and unholy spirits, they even plaster names on the walls. Little insignificant names like "activity general managers" and "dorm chairmen" and what not.

Soon the Institute will be talking in proper names, with the following result: A prospective buyer drives up to a roadside stand and is greeted by the Tech graduate storekeeper, who questions, "Homberg?" This, of course, recalls the slips of paper in the Infirmary on which appear the legend "What can we do for you?"

(Continued on page three)

OPEN FORUM

"Pupil's Tickets"

To the Editor of THE TECH: A communication has been received from the management of the Boston Elevated Railway Company calling attention to the fact that certain Technology students have been using so-called "pupil's tickets" in payment of fare.

As the letter from the Elevated Company points out, the use of a "pupil's ticket" on a surface car, in a subway, or in an elevated station by a person not entitled to use it is an evasion of fare, and constitutes an offense against the law for which a penalty of a fine of not more than twenty dollars is provided.

Very truly yours, H. E. LOBDELL, Dean.

Professor Rogers

To the Editor of THE TECH: I had considered the editors of THE TECH of sufficient discrimination not to let pass copy as vicious and as uncalled-for as Monday's Spectator.

The attack upon Professor Rogers was not only impertinent but insulting. It had all the characteristics of an impudent child's "sticking his tongue out at teacher" - behind his back! The difference in this case was merely that whereas the child acts with little or no premeditation, the Spectator sat down and deliberately gloried in his facetious sarcasm.

It is one of the fundamental ethics of journalism not to criticize or comment upon physical characteristics. Even the yellowest of "yellow journals" refrains from doing so.

I believe THE TECH owes Professor Rogers a public apology.

PAUL LAPPE '34.

Another Demand

To the Editor of THE TECH: There's an old adage that advises one to look in a mirror before criticising the next fellow. I refer to the Spectator in Monday's issue, and I have no allusions to his physical proportions or his mental idiosyncrasies.

Perhaps the Spectator disagreed with Professor Rogers. That is permissible, and it is also permissible to stay so in his column. But the Spectator does not say so. He chooses to vent his dislike of Professor Rogers (did he flunk a course?) in the most ungentlemanly and unreasonable way possible.

But leave the Spectator. THE TECH itself is at fault. Perhaps a mistake has been made. But even so Professor Rogers has been impudently and grossly insulted without the slightest reason.

Very truly yours, H. R. BELLINSON '34.

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# ENGINEERS TO FACE HARVARD

## DUPLIN NAMES MEN TO PLAY CRIMSON IN OPENING GAME

Peterson Hopes To Repeat His Performance of Last Year's Encounter

### FAST HOCKEY EXPECTED

Wood and Captain Cunningham Outstanding Men On Harvard Squad

In its first game of the season, the Technology varsity hockey team will play Harvard, at the Boston Garden tonight at 8.15 o'clock. The Beavers aren't entertaining any false hopes, but are out to give the wearers of the Crimson some stiff competition. As has been the custom for many years now, the Institute opens her season by playing her first game with the boys from up the river. A spirit of rivalry has sprung up from these annual encounters, and this game should provide plenty of thrills and much excitement for even the most rabid of hockey enthusiasts.

During their past week or so the Engineers have shown considerable improvement in the organization of their team play. Dick Cochrane has been playing on the second forward line all week in order that he might impart to it some of the fight and punch which it lacked. With the approach of tonight's game, he was shifted back to his original position on the first line with Capt. Tommy Regan and Joe Fahey. Regan, Fahey, and Cochrane have been playing together since their freshman year, and tonight will be the last time that they will have an opportunity to "deliver the goods" against Technology's only rival.

#### Second Line Named

Coach Duplin's decision to put Cochrane back on the first line came as a result of the work of John Hrones in the scrimmage against Northeastern at the Arena yesterday morning. As an experiment, Coach Duplin placed Hrones at center on the second line, with Silverman on the left wing, and Thompson on the other. In one of the most spectacular plays of the scrimmage, Hrones carried the puck the length of the ice, cut around the defense, drew out the goalie and scored. Since he is a clever stick-handler, and has one of the wickedest shots on the team, Duplin is depending on him to furnish the needed punch for the relief line.

Otto Peterson and Jimmy Hayes will start at defense. Peterson starred against Harvard last year, scoring both of the Beaver goals in a game which Technology lost by a score of 7-2. He carried the puck through the whole Crimson team each time, and made his shots good. With Harvard's stellar goalie of last year, Captain Ellis, graduated, Pete may be looked to, to make it warm for the opposing defense once he gets loose. Hayes saw action in the Harvard game last year as a substitute. Jimmy has been playing fine hockey in practice this year, and showed up quite well in the scrimmage against B. U. last Friday morning. He plays a hard, rugged game, and will be sure to provide thrills with his hard body checks.

#### Milliken is Starting Goalie

Starting in the net will be Frank Milliken, one of last year's freshman goalies. Milliken's work in the net has been a feature of the early morning practices to date. He, with Peterson and Hayes before him will present a barrier which Harvard will find difficult to penetrate. If the forwards do their share and score a few tallies, the defense is sure to do more than its part in staving off the rushes of the Crimson cohorts.

On the second team will be Silverman, at left wing, Hrones at center, Thompson, right wing, Marvin, right defense, and perhaps Johnson, left defense. Don Whiston will be relief goalie.

#### Coach Stubbs Names Team

Coach Joseph Stubbs yesterday named the Harvard team that will probably face the Engineers at the start of tonight's game. In the forward line with Captain Cunningham will be Barry Wood at center and Johnny Putnam at left wing.

Captain Cunningham, a capable stick-handler at either defense or forward, has hitherto been used primarily as a defense player where he has been a strong bulwark for the Crimson team.

## Sunrise Initiation Held At Framingham

Scabbard and Blade Society Admits New Members To Organization

At sunrise on December 5, pledges of the Scabbard and Blade Society were formally initiated into that organization in the Kendall Hotel in Framingham, Mass. During the evening preceding the initiation, the speakers were Professor Edward F. Miller '86, Dean of Army students; Colonel Samuel C. Vestal, head of the Military Science Department; Colonel Robert Arthur, professor of Military Science and Tactics, Major A. S. Smith, Professor Clark S. Robinson '09, and Mr. Alexander Holmes of the Military Science Department.

Close-order drill was put on during the first part of the evening; this was followed by field problems.

Initiates are Kenneth H. Park, Lawrence DeGiv'e '33, John K. Campbell '32, William E. Barbour '33, Douglas Johnston '33, J. Sprinkler, Frank M. Ikuno '32, Anton A. Pruckner '32, James A. MacDonnell '32, Edmund F. McLaughlin '32, Frank Der Yuen '33, Edmund H. Lloyd '33, John Lawrence '32, James A. Hayes '33, and Charles E. Quick '33.

The reason for Cunningham's shift to a starting position on the forward line is not definitely known. Whether Coach Stubbs wishes to give other defense men experience or whether Cunningham himself wished the change is a matter of speculation. The Harvard captain, however, is a seasoned player and can afford to make the early season change.

#### Barry Wood at Center

Wood, who was an All-American hockey player last year, has returned to the squad after a rest necessitated by his strenuous football activities.

In the defense positions Coach Stubbs will probably place Wilson Crosby and Caswell McGregor. McGregor, who joined the squad last year for the Yale series, and Crosby who was with the squad throughout the season, are both very promising defense men.

#### Goalie Position Weak

Paul De Give, a member of last year's freshman team, will be in the goal at the start of the game. De Give at present seems to have edged Charlie Ware, a Sophomore, and Matt Hale, a Senior.

The Harvard spares for the game include Saltonstall, right wing; Beale, center; Baldwin, left wing; Martin, right defense; Gleason, left defense, and Hale and Ware at goal.

Football, which as a professional game appears to be the most popular great Italian sport, would be of less importance, it was revealed recently, were it not for the large number of excellent football material which is imported annually from the Argentine, where in twenty-five years football has grown by leaps and bounds.

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## Gym Team Plans Are Subject At Dinner Meeting

Coach, Captain, and Manager Discuss Team's Progress And Prospects

New ideas and plans for the coming season of gym were presented at the first get-together meeting of the year held last evening when the coach and manager of the gym team addressed the members of the team. A description of the progress of the team up to the present time was also included.

Coach Hans Neudorf, Manager Calvin H. Mohr '33, and Captain Eric A. Ericson '32 were the speakers of the evening. The speakers pointed out that the gym team varsity has developed to the point at which the members are able to coordinate the various tricks into a smooth-running continuous sequence which constitutes the gymnast's performance as seen by the judges and the onlookers. Each performance is made up of various parts which must be mastered. The next few months before the season begins will be spent in putting together these component parts.

#### Intra-Team Match Planned

Captain Ericson announced that a short contest within the varsity has been scheduled for Thursday, December 17. This will be an informal match between members of the team and will be judged by the coach. After the Christmas vacation there will be several exhibition performances in various schools in or near Boston. These will be given by the varsity prior to the regular season.

A tentative meet has been considered between the Engineers and several students from Harvard who have been doing gymnastic work on their own initiative, Harvard having no gym team.

## THE LOUNGER

(Continued from page two)

The-Stein Song will probably be made by the Combined Musical Clubs if they are sure of a free trip to New York to do the recording; that is fair enough, grants the Lounger. . . . Jimmie Gallagher never, never, never went to Tech. . . . A new and different *Voo Doo* is near at hand. . . . *Filler Paper* will not appear until spring, if at all. . . . if the Lounger has not mentioned it before (and even if he has), Theta Chi has a delightful method of tail bumping and back scratching called "keel-hauling," which is reserved for its underclassmen punsters at dinner time. . . . The Lounger has to smile because in two weeks of intensive work the Crusaders amassed a grand total of fifty suckers.

## Tech Boat Club Will Initiate New Members At Banquet Tomorrow

Coaches Will Speak; Manager Backus To Announce 1932 Schedule

Initiation of new members into the Tech Boat Club will take place tomorrow afternoon at 5.30 o'clock, and immediately afterwards, a banquet will be held in the Grill Room of Walker Memorial. About fifty men are expected to attend.

Of the ten men who will be admitted to the Club, one is a Senior, one is the Crew manager, W. Clinton Backus '33, and the rest are Sophomores who rowed on last year's freshman crew. Freshman, however, are urged to come. The price of admission will be \$1.50, all of which will be used for the banquet.

Crew Schedule Will Be Announced After the banquet Manager Backus will announce the crew schedule for 1932. The speakers of the evening will be coach of crew William B. Haines, assistant coach Arthur Dunning '28, and Cedric Valentine '26, who rowed on the champion 150-pound crew of the United States in his Senior year. Curtis D. Cummings '32, president of the Club, will preside. The Tech Boat Club is the honorary society of the crew, made up of members chosen for their part in the advancement of rowing at the Institute.

The initiates are: Reginald G. Murdoch '34, Allan Q. Mowatt '34, Edward Loewenstein '35, Charles H. Lucke '34, Paul Wing, Jr. '34, Henry D. Humphreys '34, James G. Torbit, Charles W. Jerome '34, Willard D. Woodbury, Jr. '34, and W. Clinton Backus '33.

Berea College in Kentucky is probably the low-price leader in higher education. The tuition fees are never over \$146 dollars per annum, a room costs 65 cents a week, and meals are about 11 cents apiece.

At Princeton in last year's graduating class four men tied for the highest average in the class. However, only one delivered an oration at the Commencement exercises.



**LATE MODEL Tuxedos To Rent \$1.50**

With Silk Vest  
All Suits One Price—Clothiers Complete Outfitters

**CROSTON & CARR CO.**  
72 SUMMER STREET, BOSTON

## PROFESSIONALS TO PLAY SQUASH HERE

Again the students of the Institute will have the opportunity to witness a fast squash match played at 1 o'clock this afternoon at the squash courts. The contestants are two of America's foremost professional players: Jack Summers, coach of squash at the Institute, America's Class "A" Professional Champion, and Eddie Stapleton of the B. A. A., one of the high men in the ranks of professional squash players. Incidentally this is the second exhibition match between the two within the last five days, and at the last Jack Summers emerged victoriously. The reason for the games is the coming Professional Squash Players title matches which will be held in New York soon.

When the dirigible "Los Angeles" flew over the Georgia Tech campus, several professors were so excited that they dismissed their classes.

The town of Macon, Ga., claims that it is absolutely lulled to sleep by the good behavior of students at Mercer University.

**RIVERSIDE RESTAURANT**  
420 MEMORIAL DRIVE  
(Five minutes' walk from Tech)  
Excellent Home-Made FOOD  
Luncheon 50c. Dinner 75c.

## Here, MEN, smoke a man's smoke

A PIPEFUL of good tobacco is distinctly a man's smoke. The women (long may they wave!) have taken over most of our masculine privileges. But pipe smoking still belongs to us. In every walk of life you'll find that the men at the top are pipe smokers. And most college men agree that the pipe offers the rarest pleasures a man could ask of his smoking.

When you smoke a pipe, be sure you choose the tobacco that will give you the greatest enjoyment. In 42 out of 54 colleges Edgeworth is the favorite. You can buy Edgeworth wherever good tobacco is sold. Or for a special sample packet, write to Larus & Bro. Co., 105 S. 22d St., Richmond, Va. Sample is free.

## EDGEWORTH SMOKING TOBACCO

Edgeworth is a blend of fine old burleys, with its natural savor enhanced by Edgeworth's distinctive and exclusive eleven-step process. Buy Edgeworth anywhere in two forms—Edgeworth Ready-Rubbed and Edgeworth Plug Slice. All sizes, 15¢ pocket package to \$1.50 pound humidor tin.





**BOSTON**

On a Night Like This —Before the SHOW —or at MIDNIGHT

HERE you'll find Boston's most thoroughly enjoyable dinner and supper dance-assemblies—delicious food, delightful music and good company always! Gala programs every Wednesday and Thursday evening with **Leo Reisman, in person, directing.**

Dinners \$1.50-\$2-\$2.50—no covert. Supper-covert \$1 every night—no minimum charge.

**THE HOTEL BRUNSWICK EGYPTIAN ROOM**

Boylston St. at Copley Sq. — Ample Parking

# OFFICIAL BULLETINS

OF GENERAL INTEREST

Physics and Physical Chemistry Massachusetts Institute of Technology  
 Wednesday, December 9, 4.00 p.m., Room 4-402  
 Theoretical Seminar for Graduate Students. "The Scattering of Light in Fog."  
 Mr. H. Robinson,

Thursday, December 10, 3.00 p.m., Room 8-105  
 Joint Conference, Inorganic, Organic and Physical Chemistry.  
 "The Deamination of Some Amino-Alcohols, and the Migration of Hydrocarbon Radicles Involved." Dr. J. R. Myles.

Thursday, December 10, 4.00 p.m., Room 4-231  
 Physics Colloquium, "Energy Losses of Electrons Bombarding Solid Conductors."  
 Dr. Erik Rudberg.

## CALENDAR

- Wednesday, December 9
- 6.00 p.m. — Tech Boat Club banquet in Grill Room of Walker Memorial.
  - 6.00 p.m. — Mining Society dinner meeting in Faculty Dining Room of Walker Memorial.
  - 6.30 p.m. — Automotive Engineers Society dinner in North Hall of Walker Memorial.
  - 6.45 p.m. — Bible discussion hour in T.C.A. office of Walker Memorial.
  - 7.30 p.m. — Sleepy Hollow Boys orchestra rehearsal in East Lounge of Walker Memorial.
  - 8.15 p.m. — Hockey game with Harvard at Boston Garden.
- Thursday, December 10
- 5.00 p.m. — Techtonians orchestra rehearsal in West Lounge of Walker Memorial.
  - 5.00 p.m. — Banjo Club rehearsal in East Lounge of Walker Memorial.
  - 6.00 p.m. — Instrumental Club rehearsal in East Lounge of Walker Memorial.
  - 6.30 p.m. — Mechanical Engineers Society dinner in North Hall of Walker Memorial.
- Friday, December 11
- 3.00 p.m. — Special meeting of the American Society of Civil Engineers, Room 1-190.
  - 5.15 p.m. — Lecture meeting of Radio Society in Room 10-275.
  - 8.30 p.m.-3.00 a.m. — Combined Musical Clubs Christmas Concert and Dance in Main Hall of Walker Memorial.

### Undergraduate Notices

#### RADIO SOCIETY

The Radio Society will hold a lecture meeting on Friday, December 11, 1931, at 5.15 o'clock, in Room 10-275. The speaker will be John M. Hollywood G. His topic will be "Oscillating Circuits." The speaker is a former undergraduate member of the Radio Society. He is now interested in Communications and is therefore prepared to render a very comprehensive talk. A discussion will follow this meeting.

#### MINING AND METALLURGICAL SOCIETY

The Mining and Metallurgical Society Banquet will start at 6.30 o'clock in the "Ole Plantation" on St. James Street near Trinity Cathedral off Copley Square. G. H. Cleavenger will be the main speaker; he is with the United States Smelting and Refining Company.

#### Infirmiry List

- Burke, James H. '34
- Chadwick, Theodore A. (graduate)
- Fuller, Wallace (unclassified)
- Hershtenkorn, Meir '32
- Plass, H. R. '34
- Schauer, Charles
- Varey, T. (unclassified)

## The American • College Editor

#### "Bull Sessions"

Every college student is familiar with that custom handed down to us through the generations of college men known as the holding of "bull sessions." Inasmuch as the persons to whom this editorial is addressed are students of the Institute, no explanation of the term should be necessary. However, should it happen that someone is not familiar with the idiom, which may be a localism, let it be said that a "bull session" is merely a gathering of fellows, usually a half-dozen or so, where every conceivable topic is discussed and viewpoints expressed. The topics range from morals to science and politics. A favorite theme is naturally that which affects the undergraduates most directly. The reference is, of course, to the college and its staff of instructors and professors. Now, it is perfectly natural that the students should occasionally differ with the college instructors over some of the minor points of the routine work pertaining to scholastic affairs and policies, and it is in no less measure to be expected that they should seek to relieve their feelings by putting them into words. A "bull" session presents an ideal opportunity for a student to air his feelings and prejudices

before what can usually be depended upon to be a fairly sympathetic audience. On the face of this, it does not seem to be a particularly harmful practice, although obviously it is unfair to the authority coming under the lash of some student's criticism without being made aware of it and without being given a chance to present his side of the story.

Often the "offending" authority is entirely unaware of the wrath he has aroused and would have carefully avoided the act, often an inconsequential one, which gave offense. However, this is by no means the worst feature of what seems to be such a prevalent custom here on the Hill as to almost warrant its being called a habit among the students. The most objectionable phase is the impression created in the minds of those present concerning the person under fire. That this is very likely to be biased and distorted is obvious. Human nature being what it is, it is not at all to be wondered at if the student occasionally forsakes the role of an impartial raconteur and omits or exaggerates portions of his tale of woe in order to make it more interesting or amusing to his audience. While this is undoubtedly done in good faith and without the slightest malice or intent to harm, nevertheless, the opinion of the listeners is based on what is heard and is accordingly unjust.

In the case where the audience is composed of Tech men alone, the ultimate result is that each student present forms an opinion of the "prof" under fire, which is more or less unfavorable to that individual. This is especially regrettable in the case of lower classmen who are prone to take these discussions more seriously than the older men who have learned by experience that "beefing" merits but little attention. An unfavorable opinion, once formed, is hard to overcome, and when, later in their college career, these lower classmen encounter this instructor for the first time they face him fully convinced of his unfairness, incompetence, or general "orneryness" which, in fact, does not exist at all. This inbred sense of hostility prevents the close cooperation between student and instructor so essential to the successful carrying out of a course. It foments dissatisfaction and lessens working efficiency with the consequent increase in number of those failing to pass the course.

Where outsiders are involved in these discussions it is inevitable that they form a poor and entirely incorrect impression of our teaching staff. No true Tech man could be so lacking in "esprit de corps" as to deliberately cause this to happen. So the next time you are taking part in a "bull session" and feel out of harmony with the world, remember, before you stoop to taking it out on the Faculty, that you may be the source of some real harm, as well as displaying a distinctly ungentlemanly trait.

— The Tech News.

## President Stuart Of A.S.C.E. To Give Address

Tech Alumnus, Secretary of the Organization, Will Also Speak

Francis L. Stuart, President of the American Society of Civil Engineers, and George T. Seabury '02, Secretary of the organization, will speak at a special meeting of the Student chapter of the A. S. C. E. next Friday at 3 o'clock in Room 1-190. Mr. Stuart has had a long and varied career as an engineer. Among the positions which he has held are: Divisional Engineer of the Nicaraguan Canal Commission in 1898, and the Isthmian Canal Commission in 1900; Chief Engineer of the Erie R.R. from 1905 to 1911, and the Baltimore and Ohio R.R., from 1911 to 1915; Consulting Engineer of the New York Hydro-Electric Promotion Commission in 1920 and of the Greater Harbor Commission at Los Angeles in 1924-25; Consulting Engineer on Commerce Regulation of the Great Lakes; and Consulting Engineer of the Hudson River Bridge. Mr. Seabury, although considerably younger than his contemporary, has also held many responsible positions. Some of these are Field Engineer on the New York City subway, Riverside Drive, and Grand Central Terminal from 1902 to 1906; member of the New York City board of water supply from 1906 to 1915; and a similar position in Providence from 1915 to 1918. On the entrance of the United States to the World War, Mr. Seabury joined the Quartermaster Corps of the United States Army. He was president and general manager of George T. Seabury, Inc., from 1919 to 1923, and in 1925 was elected secretary of the American Society of Civil Engineers.

#### Habits

Man is ruled by his habits. This is a regrettable situation in view of the fact that man, of all creatures, seeks most for independence. It is a pity that he who strives so hard to cast aside the shackles that force him to conform to their rigidity, and shys from anything that tends to exert a governing power, is not able to free himself from that time-old dominating force of habit. Its influence is omni-present. It commands the gambler to gamble, the lackard to loaf; it drives the dope-fiend to his dope; it decrees that the drunkard shall drink.

The attitude assumed toward this characteristic shortcoming from a basis for the division of human beings into three groups. Those entered under the first classification concede the point, and devote their time and efforts toward the formation of habits that will be beneficial instead of detrimental to their welfare. In the intermediate division are those who, recognizing the compelling force, lack either the will power or the self-interest to take advantage of their realization. The third group is composed of those who deny the power. Don Quixote-like they live in open defiance to the rule of habit. Sometimes they seem to have won, but always, they come to the same end as the fighter of windmills.

Of the three groups, the first is the one to be admired, and aspired. Success comes to it more often, and the lives of its members are happier and more substantial. Among those in the last two there is little to choose, except that Quixotic ones must be given credit for the courage of their convictions. Theirs' are lives too often filled with dissipation and regret. From these classes, humanity collects its dregs. —McGill Daily.

## T. C. A. WILL REVIVE BIBLE DISCUSSIONS

First Meeting in Eight Years Will Be Held Tonight

For the first time since their discontinuance eight years ago, the Technology Christian Association is to conduct a series of Bible discussion hours, the first of which will be held in the T.C.A. office this evening at 5.45 o'clock. "Paul's Companions" will be the subject of the first discussion.

Four other meetings will follow in the present series and others will be arranged if a sufficient number of students are interested. Edward G. A. Kratt '34, head of the deputations and meetings division of the T.C.A., is in charge of the project, the purpose of which is to aid the students in the formation of a well-rounded life. The meetings will be open to all students.

## Many Quack Dopes to Increase Combustion Almost Useless Compounds Are Used To Take Advantage Of the Public

(Continued from page one)

One widely-sold product consisted of oil of mirbane, dissolved in creosote oil and retailed in one-half-pint cans for \$1.00 each. They were supposed to clean out carbon, increase getaway, and combustion, though it failed in all of these things. For three or four years it made millions for the manufacturers.

As a test a number of New York taxi drivers were given cans to test in their cars. They returned with glowing reports, and only later did it develop that instead of the regular product, the cans contained kerosene.

#### Gasoline "Pills" Common

Fifteen or more years ago, such gasoline "pills" were common at automobile shows. One salesman told Professor Gill, who has the collection of these materials, that in addition to naphthalene, his product contained seventeen essential and important oils. The pills were in all colors to suit individual taste. A professor in Colorado is said to have a collection containing two hundred varieties of these gasoline boosters.

## As We See the MOVIES

#### R.K.O. Keith-Boston

Featuring the Zelds Brothers in a daring aerial act, the R.K.O. Keith-Boston presents a rather mediocre program. Besides the two brothers there were only two other performers in the vaudeville presentation that are worth mentioning, Gallarini and his Sister presented an outstanding recital on the concertina. As a one-man orchestra, Gallarini showed himself to be very adept, playing twelve different wind instruments, from tuba to piccolo.

On the screen the Broadway play, "Nice Women," was very poorly presented. The acting of the leading characters, taken by Sidney Fox, Frances Dee, and Alan Mowbray, seemed rather forced and unnatural. The plot is no more outstanding than many others that have been produced during the past few years. A philandering bachelor, Alan Mowbray, is tangled with three women, and after losing the girl he loves, he marries her younger sister, a typical child-lover of "Casanova," who pretends sophistication far beyond her seventeen years. The only bright spot in the whole picture was the acting of the younger sister, taken by Miss Fox. As a typical hard-boiled, modern siren, she is perfect.

Regular short subjects, including the latest "News" were presented to fill out the remainder of a rather dull evening's entertainment.

## Instructors Hold Stout Allegiance To Noxious Weed

Half of Faculty is Gripped by Various Forms of Weed Pipe in Lead

That nuisance of nuisances, the inquiring reporter, went on one of his inquisitive bats recently, with the Faculty as his unwilling victims. The particular subject in question was the pedagogic allegiance to my Lady Nicotine.

To date, she has not the following among our dispensers of knowledge that one would expect, to wit: 23 of the 50 instructors quizzed do not use the weed in any form.

#### Pipe Outranks Cigars, Cigarettes

The pipe is strongest, both literally and figuratively in the affections of the smokers. Sixteen out of twenty-seven used the pipe alone. Four used cigars, some professors, including "Tubby," stating that they smoked them in any given number.

Cigarettes, so popular among undergraduates, ran third with eleven users. Five of the quizzees admitted their predilection for tobacco in any form, including plug.

As to cigarettes, the popular brands ran even with one or two votes for the more exotic and expensive makes.

## Lowell Institute To Sponsor New Group of Lectures

Bell Telephone Officials Will Speak on Electrical Communication

Representatives of the Bell Telephone Company will deliver a series of seven lectures on "The Application of Science in Electrical Communication," under the auspices of the Lowell Institute. These will be given on successive Tuesdays and Fridays beginning on Tuesday, January 5, 1932, at eight o'clock in Huntington Hall, 491 Boylston Street, Boston.

#### January 5 (Tuesday)

1. An Introduction to Research in the Communication Field. By H. D. Arnold, Ph.D., D.Sc., Director of Research, Bell Telephone Laboratories.

#### January 8 (Friday)

2. Researches in Speech and Hearing. By Harvey Fletcher, Ph.D., Acoustical Research Director, Bell Telephone Laboratories.

#### January 12 (Tuesday)

3. Transoceanic Radiotelephony. By Ralph Bown, M.E., Ph.D., Department of Development and Research of American Telephone and Telegraph Company.

#### January 15 (Friday)

4. Picture Transmission and Television. By Herbert E. Ives, Ph.D., Sc.D., Electro-Optical Research Director, Bell Telephone Laboratories.

#### January 19 (Tuesday)

5. Talking Motion Pictures and Other By-Products of Communication Research. By John E. Otterson, U. S. Naval Academy, M.S., President, Electrical Research Products, Inc.

#### January 22 (Friday)

6. Utilizing the Results of Fundamental Research in the Communication Field. By Frank B. Jewett, A.B., Ph.D., D.Sc., D.Eng., Vice-President, American Telephone and Telegraph Company, President, Bell Telephone Laboratories.

#### January 26 (Tuesday)

7. Social Aspects of Communication Development. By Arthur W. Page, A.B., Vice-President, American Telephone and Telegraph Company.

## WILL HOLD CHRISTMAS CONCERT ON FRIDAY

(Continued from page one)

largely on whether or not a sufficient amount of enthusiasm is shown by the assembled throng.

In connection with the dance, the Dormitory Committee is seriously considering making Friday an Open House day. This, if passed, will mean that men living in the Dorms will be permitted to have young ladies in their rooms until 10 o'clock and that the Lounge will be open all evening. Definite announcement will be made later, should the committee decide to pass the proposal.

#### Separate Entrance

Separate entrances for members of the Clubs and for the guests will be provided for. Members of the Clubs will use the east door of the Main Hall and all others will enter through the west door. It is expected that this arrangement will greatly reduce the usual crowding.

#### Deductions

To live is to eat.  
 To eat is to deplete the budget.  
 To deplete the budget is to cause nausea.  
 To avoid nausea is to eat reasonably priced appetizing foods.  
 To eat reasonably priced appetizing foods is to patronize the  
**VARSITY DINAH**  
 To patronize THE VARSITY DINAH is to LIVE.  
**70 Charles River Road**  
 (Down past the old Dorms)

STATE THEATRE BUILDING

fine arts

The MYSTERY of LIFE

CLARENCE BARRROW

Second Week This film barred for Sunday showing