

## SCALPERS BUY UP MANY TECH SHOW BALCONY TICKETS

Students Show Considerable  
Interest in Pictures  
Of Old Shows

## WERE LOST FOR 12 YEARS

Tickets Will Be Placed on  
Sale in Main Lobby  
Next Week

For the first time in the history of Tech Show tickets for that production have fallen into the hands of scalpers. Inasmuch as 1300 attended the Prom Night production last year and only 975 seats are available this year, someone foresaw that the demand would be greater than the supply and that there would be some chance for speculation.

With this in view, several men seem to have bought up a large number of the \$1.00 seats for the Prom Night performance which they are holding to sell at advanced rates. Although at present none of the tickets seem to have been sold, it is rumored that \$1.50 will be charged for them.

Students are warned that tickets bought at any price above that set by the management will not be honored at the door. Although the advance ticket sales have been quite large up to the present time, there still are about 400 tickets available for the Friday night presentation.

Tickets will be placed on sale in the Main Lobby Monday, Tuesday and Wednesday of next week, but they may be had before that time by application at the Tech Show office on the third floor of Walker Memorial. Those who want to be sure of obtaining them are advised to obtain them before the regular sale begins.

Considerable interest has been displayed by the students in the pictures of Tech Shows held before the Institute moved into the present buildings. These pictures were placed in the basement of Building 2 for safe keeping, and were promptly forgotten. A few weeks ago while cleaning out the storage space where they had been placed, in order to make room for offices connected with the Photo Elasticity Laboratory, the workmen discovered them after cleaning off the dirt which had accumulated in twelve years. The Tech Show management placed them on display, and those who have passed through the Main Lobby have been considerably amused by them.

Among the other shows which are portrayed in the pictures which were found are "A Scientific King," the 1903 production; "William, Willie and Bill," Tech Show 1907; "Over the Garden Wall," 1908; "That Pili Grim," 1909; "Queen of the Cannibal Isles," 1910; "Frenzied French," 1911; "Castles in Spain," 1912, and "M 34," 1916.

Many applause cards have been received commenting on the radio program which this year's Tech Show put on from the Hotel Statler through Station WEZ on Wednesday evening. This program, which lasted from 9 to 10 o'clock, included several numbers by the orchestra, and some of the songs from this year's production. Among the numbers which were most favorably received were "Baby Blue," "Across Our Nights and Days" and "Just Mine Alone."

## CROCKETT TO SPEAK ON SEAMLESS CASING

Mr. A. E. Crockett of the Bureau of Instruction of the Jones and Laughlin Steel Corporation of Pittsburgh, Penn., will give an illustrated lecture on "The Manufacture of Seamless Steel Casing" in Room 4-270 on Wednesday afternoon, April 11, at 4 o'clock.

The subject concerns the making of large size seamless steel pipe or tubing which is finding wide application, particularly in the oil fields. The Department of Mining and Metallurgy, under whose auspices the lecture is to be delivered, invites the attendance of all interested.

## CALENDAR

Friday, April 6  
2:00—S. A. E. Meeting in Room 3-270.  
6:00—Steel Treater's Dinner Meeting, North Hall, Walker.  
7:00—Italian Club Smoker, Faculty Dining Room, Walker.

## "THE STUDENT INQUIRY" OF THE INSTITUTE COMMITTEE

1. On the hypothesis that our education is too technical, courses might be added in such subjects as psychology, philosophy, religion and literature. Would you feel it worth while to take up such courses if they had to be carried as an overload?

2. Suppose you are having difficulty with a certain course and your mark is below passing. The instructor offers to hold one extra class a week for the benefit of deficient students. Do you approve of this policy? Would you support it with your attendance? If the instructors were more accessible to the students, would you prefer the present system whereby you may obtain help through conference with your instructor?

3. Which of the following plans of examination do you prefer?

a.—No examinations except the final.

b.—Two or three mid-term exams plus the final.

c.—Quiz every one or two weeks and no final.

d.—Quiz every one or two weeks plus a final.

If you wish to qualify your answer do so below.

4. Do you favor optional attendance at classes for men well up in their grades, with compulsory attendance imposed at the discretion of the faculty?

In any event do you think the treatment of attendance should be standardized in each department and not left to the discretion of the individual instructors?

5. In regard to problems required, which of the following plans do you favor for the first two years?

a.—Instructor to give out type problems but no problems to be required.

b.—Type problems to cover all the work required.

c.—Type problems and ample problems for practice required.

6. It is obvious that under the present system of assigning men to sections the case may arise wherein a particular student fails to grasp the course due to his individual incompatibility with the method of instruction or the personality of the instructor. In your opinion are such cases frequent enough and of sufficient justification to warrant devising a system which would allow men in this situation to affect a change of section assignment?

7. Which proportion of lectures to class recitations do you consider most suitable in the following courses?

First year Physics:  
2 lec.—1 rec., 2 lec.—2 rec.,  
1 lec.—2 rec.

Second year Physics:  
2 lec.—1 rec., 2 lec.—2 rec.,  
1 lec.—2 rec.

First year Chem.:  
2 lec.—1 rec., 2 lec.—2 rec.,  
1 lec.—2 rec.

8. In what size recitation sections do you think you could be most efficiently taught?

9. It has been felt that a friendlier relationship between instructor and student should be encouraged at the Institute.

Do you agree with this sentiment?

If so which of the following proposals do you think would best tend to develop a more human and intimate relationship between instructor and student.

a.—A system whereby members of the faculty are each assigned about ten men of the entering class. Through dinners and talks together a mutual and firm acquaintance is developed. The instructor is then in a position to help and advise the student if the occasion should arise. Two results follow.

1. All students and instructors have a friendlier regard for each other.

2. Individual student problems may be treated more wisely.

b.—A system of required conferences such as is now used by the English Department, to apply to all courses. This would also bring the instructor and student into closer contact, and give each a better understanding of the other.

The committee welcomes all proposals that may be used to this end.

## JUNIOR PROMENADE WILL CLIMAX WEEK OF SOCIAL EVENTS

Prom Week Program Starts  
With Technique Rush in  
The Great Court

## TEA DANCE WEDNESDAY

Tech Show Will Be Followed  
By Junior Prom in Ball  
Room of Copley

Final arrangements have been made for Prom Week and the program will be in general similar to that of other years. Classes will be suspended at 5 o'clock Tuesday, April 17, and will be resumed Monday, April 23. The Junior Week program will start with the Technique Rush in the Great Court at 2:15 o'clock Wednesday.

This will be followed at 2:30 o'clock with a baseball game between the Beavers and the Harvard second team. At 3 o'clock Wednesday afternoon will be the annual tea dance given to the undergraduates by the Corporation at Walker Memorial. Wednesday night there will be numerous fraternity dances.

Thursday afternoon will start off with the Interclass Track Meet at 2 o'clock on Tech Field. This will be followed by the Activities Tea Dance in Walker Memorial at 4 o'clock. All men who are in any activity whatsoever are invited to this dance and may get tickets through the heads of their respective activity.

The Louis XIV Ballroom at the Hotel Somerset will be the scene of the Combined Musical Clubs Spring Concert and Dance on Thursday. The concert will last from 8 until 10:30 o'clock, while dancing will continue from then until 3 o'clock, with the music furnished by the Technicians.

Undergraduate Night at "Tech Show 1928" will start at 8 o'clock Friday night. This year Tech Show will be at Jordan Hall. The show will be three nights, as usual—Thursday, Friday and Saturday—but Friday night is especially set aside for undergraduates.

At 10 o'clock Friday night the Prom will start in the Grand Ballroom of the Copley-Plaza with Ernie Andrews and his El Patio Troubadors furnishing the music. At 12 o'clock the Prom supper will be served in the Swiss Room, cafe and main dining salon of the Copley-Plaza Hotel. After dinner, dancing will be continued until 4 o'clock, at which time the festivities of Junior Week will terminate.

At present there are about 50 couple-tickets still left for the Prom as well as several stag tickets. Those who have made their redemptions may exchange their receipts for the several necessary tickets for the Prom today or tomorrow at the desk in the Main Lobby.

## Seniors in Course X Honor Late Classmate

Seniors in Course X are planning to present a life-sized picture of the late Everett H. Webster '28 to his parents at Acton, Mass., today. Webster, an only child, was instantly killed last fall when he was run over by a truck on Memorial Drive. He was working his way through school and was active in the T. C. A., Tech Show, the Chemical Engineering Society, and was a member of the Psi Delta fraternity.

Dr. Warren K. Lewis will recommend to the faculty that a posthumous degree be awarded to Webster, and presented to Webster's parents at the graduation exercises in June.

Harold Dick '28, who was seriously injured at the same time, has just been released from the hospital lately and plans to return home. He will not be able to graduate this June but expects to complete his course next year.

## STUDENTS WILL RECEIVE COPIES OF INQUIRY IN MONDAY CLASSES

### MILLIKAN TO GIVE PHYSICS LECTURES

Twentieth-Century Discoveries  
Subject of The Famous  
Investigator

Robert A. Millikan, LL.D., chairman of the administrative council and director of the Norman Bridge Laboratory of Physics at the California Institute of Technology, will give a course of six lectures at the Lowell Institute in the near future. The subject of these lectures will be "Twentieth Century Discoveries in Physics," and will be held Mondays, Wednesdays and Fridays at 8 o'clock in Huntington Hall at 491 Boylston Street. Beginning with Monday, April 9, the first subject will be "The Discovery of the Electron," and "Ether Waves, Visible and Invisible," "Atomic and Sub-Atomic Magnitudes," "Light Darts," "Relativity Inside the Atom," and "Cosmic Rays" follow in order.

Graduated from Oberlin College, Dr. Millikan has steadily risen to a place of fame among the scientists of the world. He was awarded the Nobel Prize in Physics for his work in isolating and measuring the electron, and the Comstock Prize by the National Academy of Sciences for research in electricity. He is a member of the American Academy of Arts and Sciences and of the National Academy of Science. In 1923 Dr. Millikan served as American member of the Committee on Intellectual Co-operation at the League of Nations.

Many American and European universities have conferred degrees upon Dr. Millikan. Among these are Columbia, Northwestern, Amherst, Yale, University of Pennsylvania, and the Universities of Berlin and Göttingen.

### Detailed Answers Desired From All Undergraduates

President Samuel W. Stratton  
Expresses Approval of  
Questionnaire

Distribution of the Institute Committee's Student Inquiry Questionnaire will be made in the different classrooms on Monday and Tuesday of next week. A program has been arranged by which a copy of this questionnaire will be placed in the hands of every student at the earliest possible time. Although the list of questions pertain mainly to the first and second year students, it is requested that students of all classes fill out and submit the forms.

As the questions are very comprehensive, it is requested that they be carefully and thoroughly answered. A space is left at the end of each question in order to allow the students to make any suggestions that they believe desirable. Some of the questions can only be answered with a straight "yes" or "no," but many others allow the student to express his opinion of the subject as he wishes.

In order that the committee may receive the greatest amount of benefit from this questionnaire it will be necessary for every student to fill out his questionnaire. These should be dropped in any Institute mail box. The committee expects to have the returns classified and ready to report upon by Tuesday evening.

Although there will be no radical changes made as a result of the questionnaire, there will probably be several constructive changes made in the different departments, provided that the answers are intelligent, suggestive, and numerous enough to give an estimate of the entire student opinion. No recommendations will be made unless a sufficient number signify their desire for a change.

President Samuel W. Stratton has announced that he is entirely in favor (Continued on page 4)

### SENIOR ENDOWMENT PROGRESSING WELL

Course VI-A Leads All Others  
With Over 75 Percent  
Subscribers

Announcement was made last night that examinations of Seniors who have signed up for endowment insurance is progressing satisfactorily, and the company's representatives are anxious to finish as rapidly as possible. Course IV-A leads the rest in percentage of students paid-up and examined, with 76.5 percent. Courses XI and I are second and third in the order named.

The sign-up campaign will last for about two more weeks, and it is hoped to go over the top within that time. The Mutual Life Insurance Company of New York, which is writing the policies, declares that similar campaigns have recently been very successful at Princeton, Columbia, and Harvard, in addition to several large eastern universities.

Last night's standing of courses in the campaign is as follows:  
Course IV-A, 76.5%; XI, 60%; I, 42.2%; X, 41.8%; XV, 39.6%; XIV, 38.5%; VI, 32.8%; II, 31.1%; V, 29.3%; XIII, 27.3%; VI-C, 25%; VI-A, 22%; XVI, 20%; IX-B, 15.8%; VII, 15.4%; IV, 12.5%; III, 8.3%; VIII, 0; XII, 0.

### WALKER RECEIVES THOMSON PORTRAIT

Walker Memorial has recently become the possessor of a portrait of Professor Elihu Thomson, twice president of the Institute, painted by Frank W. Benson. The portrait, which now hangs in the main hall, was presented to the Institute by the General Electric Company through Mr. Gerard Swope, president of the company, and member of the Institute corporation.

A Record of Continuous News Service for 47 years.



Official News Organ of the Undergraduates of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Table with columns for Managing Board, Associate Board, Editorial Department, Business Department, and News and Sports Departments.

CONCERNING THE INQUIRY

ON the first page of this issue is printed in full the Student Inquiry questionnaire as it will be distributed to everyone attending the Institute on Monday and Tuesday of the coming week.

Eight of the questions deal primarily with the class conditions, which have much opportunity for improvement as was shown clearly by the recent questionnaire of THE TECH.

Question nine, dealing with the desirability of definite contact with the instructing staff, is expected to bring the most valuable comment. The first suggestion, that of having an instructor-advisor for every ten freshmen, has been in effect at the University of Michigan for the past five years, with huge success.

"VERBUM SAT!"

"When a plumber makes a mistake he charges twice for it. When a lawyer makes a mistake, it is just what he wanted, because he has a chance to try the case all over again.

-The Outlook.

SCARCELY A PEDIGREE

TECHNOLOGY is generally considered a prominent and representative American institution. But, like the whole of the country, the personnel here was shown, by a survey of a number of freshman classes, to be decidedly cosmopolitan.

Technology, then, is a place not alone for those who can show the pedigree of a thoroughbred, as is the case at many of the eastern institutions of learning.

Surely the fact that there are so many nationalities here has the effect of broadening the minds of the whole student body.

"WHAT PURPOSE GRIND?"

"Fraternity and dormitory bull sessions have for years debated the question as to the likely success in the world of the grind and of the fellow who just gets by in studies yet participates in social and other activities.

"Professor Hugh Allison Smith of the University of Wisconsin answers in the affirmative. Professor Smith searched carefully through the records of his college for the past 45 years, checking the career of every graduate.

"If a student belongs to the highest tenth of his class, in general to the group marked excellent, his chances of achieving a career in life distinguished by the approval and acclamation of his fellow men are forty times greater than they otherwise would be.

"We think, however, that there must be a middle course. For in spite of Professor Smith's figures, we cannot agree with him entirely. Yet we cannot help feeling that a good many students do not take college seriously enough.

THE EDITORIAL SPECULUM

To install cages in the various drawing rooms is a suggestion which the Spectator thinks would be most appropriate. Something surely should be done about the Institute song-birds who flock together in all the drawing rooms, whistling blithely as they wield T-square and triangle.

Perhaps these men get some enjoyment out of whistling as they work. However, the combination of a monotonous song on one side, and a tuneless whistle on the other makes murder seem kind.

As everyone knows who has tried, you can't learn from lectures—from the process that Carlyle described as sitting like a pitcher and being pumped into.

At that historic institution, the students learn as they learn to run—by trying and being coached. A supervisor directs the thought and writing of each student, thus bringing his hidden failings painfully but instructively to light.

Opportunity to study at Oxford, on the Rhodes scholarships, is open to any man over nineteen and under twenty-five, who is at least a Sophomore in his college.

With The American College Editors

Alumnus Derides "Attitude" Acquire At Yale; Not Life Training, He Sa

Suggests "Fatter and Balder" Yale With Brewery to Aid Culture

"To the young people of America, culture is something like religion... only the sick ones need it." So feels Donald Ogden Stewart, as evidenced in his article, "Yale," in the April issue of College Humor.

The above quotation concludes a discourse on "Why send your boy to Yale?" His views correspond with those of Kathleen Norris, for he says that the knowledge represented by an A.B. degree is superfluous—"I may not send my boy Rudolph to Yale after all.

He likes the class—agreeable companions, nonchalant, humorous, real gentlemen. But they are turned out after four years at the Yale factory a "nice, new, shiny product just like a—well, not so much like a Ford.

A statement which has caused a great deal of heated criticism from Yale men is this: "What Yale really needs more than anything else, if it is going to persist in this ideal of 'culture', is a good brewery.

Mr. Stewart claims that the whole expenditure on education at Yale is a useless waste. The article conveys the idea that if the men were, say, forty, there would be a valid reason for the existence of the university.

Ikey Says:

How in Atkinson can it be explained? Supposedly it was a bridge game on the third floor of the dorms, but it had the earmarks of strip poker.

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Journalist Has Views on Campus Newspaper Work

"Effective Antidote to Academic Precociousness and Sheepishness"

Henry Luce, editor of Time, sums up the value of college journalism as follows: "An effective antidote academic precociousness, also to legiate sheepishness, also to cam stuff-shirtedness."

While at Yale, Mr. Luce was gaged in undergraduate newspaper work. He first considers cam journalism as a training for citizenship: "In so far as one can speak generally, I believe that work on undergraduate papers is a good thing for any and all who actively engage in it.

"It is doubtful whether cam newspaper work is especially useful to men who later become publishers, journalists, or newspapermen. The average college paper is scarcely more akin to a United States money-making newspaper than are the routineouncements of a military encampment Chief of Staff.

Asked to give some constructive advice to the undergraduate wishing to become a professional newspaperman, Mr. Luce replied, "Let him work the campus paper and increase his virtue. Let him learn well the history of the United States, that may the better deal with Washington's birthday in many a subsequent year.

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# OUTDOOR HANDICAP MEET IS TOMORROW M. I. T. RIFLE TEAM IS SEVENTH IN NATIONALS

## RECORD LIST OF ENTRIES EXPECTED—RUNNING HIGH JUMP MARK THREATENED

Everything is in readiness for the first outdoor handicap track meet of the 1928 season which will be held tomorrow afternoon at two-thirty on Tech Field. As in a number of the meets earlier this year a record number of competitors is expected to be on hand.

For the first time this year all of the field events men will get a chance to show their stuff. The mile and a quarter and the two and a half mile runs will be held over the cross-country "circuit" which follows the Charles River in front of the Institute buildings. Both of these events will be closely contested and well worth seeing for it is in these longer events that the Technology team has some of its greatest strength this year.

Pete Kirwin '28, Chuck Worthen '29, Newell Mitchell '29 and Jack Walters '29, together with some of the freshman long distance stars, will make an interesting field in the mile and a quarter. In the longer run Leon Thorsen '30, Norm McClintock '29, Dick Austin '29 and Ed Holmes '28, with some of the more ambitious freshmen, will give the old Charles River an eye full of some real running.

The two hurdles events will see the following upperclassmen go into action: Anthony Fleming '28, R. Y. Barber '29, G. W. Burgess '29, H. S. Barrington '29, R. C. Jackson '30, I. E. Ross, Jr. '30 and R. A. Poisson '30. A. N. Lawrence '29 will also compete. He was on the Princeton track team last year and although ineligible for the Institute team has proved a big help to Coach Meanix in developing

the other men Phil Hardy and Dick Baltzer of the freshmen are also entered in the hurdles.

**Dave Wells, Gym Star, Out for Pole Vault**

The team this year seems weak in the broad jump but the season has just begun and there is still plenty of time to develop material. C. F. Edlund '30 and Leslie Berman '29 are the best jumpers. Edlund placed in several of the freshman meets last year, while Berman placed in the winter Interclass meet. Alfred Lawrence '29 and Charles Sullivan '31, the latter a transfer from Purdue, will place well up in this event.

Dave Wells, star of the gym team, has reported for the pole vault this week. His powerful shoulders, coupled with his experience on the horizontal bar and the flying rings, should be a big advantage to him when he starts seeking altitudes on Tech Field.

The Varsity high jump has good prospects with men out like B. B. Brockelman '29, H. C. Pease '29, M. O. Zigler '30 and R. H. Costello '31. Brockelman won this event in the Holy Cross meet last year. Costello, a former Bates man, placed in the 1926 New England Intercollegiate and will show up well this year. The freshmen really have the cream of the high jumpers in Phil Benjamin and Charlie Sullivan. Benjamin boosted the freshman record to 5 ft. 10 1/2 ins. earlier in the year. Sullivan threatens the Varsity record made by C. D. Heywood in 1893 for he came within 1 1/4 inches of this mark when in the Interclass meet he jumped 5 ft. 11 1/4 ins.

The meet Saturday will show some close finishes on the track and plenty of snap in the field events. As the first five places count toward the cups which are given at the end of the season to the high men in the handicap meets, the competition will be unusually keen.

### Varsity Crew Shows Big Improvement

Aided by the first real spring weather of the year, the Varsity and Jayvee crews rowed to Watertown and back last Wednesday night, interspersing the long pull with several racing starts. The Varsity showed to better advantage than it has for some time past, and defeated the second boat in a four-mile practice race.

All crews are rounding into shape rapidly. Provided weather conditions are favorable tomorrow, Coach Haines will very likely hold time trials over the one and three-quarter mile downstream course. No predictions are being made as to the outcome of time trials between the first and second Varsities and first and second hundred-fifties.

### Freshmen Baseball Candidates Gather

Candidates for the freshman baseball outfit gathered for their first practice of the season on the field behind the coop on Thursday afternoon. This was the first of a series of practice sessions that will be held there every afternoon until the diamonds are ready to use. Although fourteen men turned out, they are not sufficient for men in several of the positions are lacking. The biggest lack is for battery and field and any men that have any ability in these places are urged to turn out this afternoon.

Seniors in Yale, according to preferences indicated in the annual class vote, prefer a Phi Beta Kappa key to the "Y" earned in major sports; like Harvard next best to Yale; consider Lindbergh and Mussolini the outstanding world figures of the day, and Lindbergh the man now living they most admire. They also believe that prohibition has harmed college life, that English is the most valuable subject and psychology the least valuable, and they are opposed to splitting the college into smaller units.

Yale is to have a new law school. When completed it is expected that it will cover an entire city block and will cost over three million dollars.

### Schedule of Events in Outdoor Handicap Meet

- TRACK EVENTS**  
40-yard high hurdles.  
40-yard low hurdles.  
40-yard dash.  
1/4-mile run.  
2 1/2-mile run.
- FIELD EVENTS**  
Shot put.  
Pole vault.  
Running high jump.  
Running broad jump.  
Discus throw.  
Hammer throw.  
Javelin throw.

### Harold Fairchild Elected Captain Of Gym Team

#### Team Gives Coach Pearson Wall Clock at Annual Banquet

Harold Fairchild was elected captain of next year's gym team at the annual banquet held in the Grill room of Walker last night. Paul Stephenson, on behalf of the team presented Coach Jack Pearson with a wall clock in appreciation of the work that he has done for the team during the past few years. This is Jack's last year at school and during the years that he was coach he could be seen up in the gym every night.

Fairchild has done very good work this year having been recommended for the straight T. He placed fourth on the side horse in the intercollegiate and throughout the year he has placed in nearly every meet. He stands a good chance of winning next year's intercollegiate on the horse. Besides working on the horse he has been doing very fine work on the rope.

#### Wells a Good All Around Man

Dave Wells, also recommended for the straight T, will be seen in action on the high bar, the parallels, and rings. He is only a Sophomore and stands every chance of taking first place in the high bar, rings or all arounds before he finishes with his intercollegiate work. Dave should win a number of places in the New England, but he will have to work very hard as he will have Jack Pearson to compete against on the rings, parallels, and the high bar as well as "Wes" Reynolds on the parallels and rings. However, he has been working steadily and the competition between Jack Pearson and Wells on the high bar ought to be very interesting.

"Wes" Reynolds will be in active competition again next year, and he will be seen in action in the New England. He is considered one of the best men on the rings and rope climb in the East and will do much toward building up the general strength of the team as these are the two events that the Engineers were the weakest in all season, although Wells filled the gap in the rings by the end of the season.

#### Dolloff Will Do Most of Tumbling

Norman Dolloff will bear the brunt of the work in the tumbling next year. The results of next year's intercollegiate will lie between him and Maroney of Princeton as both of these men are very evenly matched and it is a question as to who can do the best work. There are a large number of freshmen who will endeavor to fill the gap left by Bauer.

As a whole Technology's gym team will be even stronger next year than it was this season. All of the men who placed in the Intercollegiate will be back again in addition to Reynolds who was kept out because of ineligibility, but who will fill the gap in the team next year. Many of the other schools are losing large number of men by graduation, thus it will leave the Engineers as one of the strongest teams in the league.

To fulfill a classroom assignment two seniors in the Daniel Guggenheim school of aeronautics of the college of Engineers of New York University, will fly from New York to Chicago to survey air lines for their senior theses. The students will accompany an air mail pilot, flying from a New Jersey air field to Chicago.

With a 5000 mile trip before them, the musical clubs of Dartmouth recently began their western tour. This is the most extended spring trip ever taken. They will go as far West as Denver and visit 14 cities.

## GEORGE WASHINGTON WINS IN FIELD OF OVER TWENTY

### Cardinal and Gray Has Won 74% of Dual Matches and Two College Titles

According to the official results of the National Intercollegiate rifle championships just released the M. I. T. team finished in seventh place, 53 points behind George Washington University the winner of the championship.

Twenty-one of the best college teams in the country were entered in the championships, among the teams trailing the Engineers being colleges with established reputations in rifle shooting such as Norwich University, V. M. I., University of Missouri, Drexel and C. C. N. Y.

In addition to placing seventh in the National Intercollegiate the M. I. T. rifle team has the following achievements to its credit this season: first place in the New England Telegraphic Intercollegiate, first place in the New England shoulder to shoulder Intercollegiate, and second place in the Eastern shoulder to shoulder Intercollegiate. In dual matches the Engineers have been victorious 74% of the time.

Summary:

1	George Washington University	1332
2	University of West Virginia	1316
3	Kansas City A. & M. College	1291
4	Penn State College	1281
5	Columbia University	1283
6	University of Maryland	1282
7	M. I. T.	1279
8	University of Penn	1276
9	City College of New York	1273
10	Carnegie Institute of Tech	1270
11	Iowa University	1261
12	University of Cincinnati	1259
13	University of Pittsburgh	1241
14	Drexel Institute	1237
15	Oklahoma A. & M. College	1233
16	Norwich University	1231
17	University of Missouri	1230
18	Georgetown University	1229
19	Virginia Military Institute	1211
20	Washington University	1148
21	John Hopkins University	1139

### POLO CLUB TO PLAY CAVALRY MEN TODAY

Today the Technology Polo Club will tackle Troop "C" of the 101st cavalry. Having had a good record thus far this season, the Club is looking forward to giving a good account of themselves. The probable lineup for the game will be: No. 1, Charles H. Topping '28; No. 2, Livingston Longfellow '29; No. 3, John D. McCaskey '29, Frederick W. Turnbull '29 will be first substitute.

A Hindu wedding ceremony, advertised as a reproduction of the service that united Nancy Ann Miller and Tukoji Rao Holkar was the headline act for the East and West Revue, presented by the University of Kansas Cosmopolitan Club. Eight Hindus, students in the University and members of the club, portrayed the conversion of Miss Miller and then the marriage ceremonies.

## BASEBALL SEASON PLANNED IN DORMS

### Schedule Is Laid Out; Teams Lack Only Diamonds to Open Spring Season

With the advent of warmer weather, the more ambitious of the Dorm's inhabitants are beginning to worry about the baseball tournament and where, oh where is it gone. Other less active souls add their heartiest wishes for a speedy arrival to save the lives of their fellows. Behold the athletic manager, none other than Stevie French, the pride of Crafts, throws out the life line with, "It won't be long now."

But Steve isn't the only one with the line, to carry out the schedule he has planned the Dorms need two diamonds and it only takes one eye to see that the one between Walker and Building 2 is out of condition and the other is not much better. But Fred Riley says they are coming, and perhaps they are.

Now that the bowling season is over it seems reasonable that some of the teams should get in a little practice. Indeed the "Rumor" has it that the Holman boys are getting in a few private sessions to try to fill the gaps that unthinking graduation has made in last year's champs. Whether this is so and whether it will have succeeded will turn up when Steve gets those two diamonds and the other outfits get a chance to show the boys from the Hotel whether they are out of the running.

**Shh-h!**  
The Young Lady



Whose back is toward you, has just told the young man that she will cancel a previous date any time he will take her to—  
The Smartest Place to Dine and Dance in Boston  
MUSIC BY LEO REISMAN  
The New EGYPTIAN ROOM of 1928  
AT HOTEL BRUNSWICK



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**Never Gets a "Bite" From This Tobacco**

Jasper, Tenn.  
March 23, 1927

Larus & Bro. Co.  
Richmond, Va.  
Gentlemen:

I have always wanted to smoke a pipe. After several attempts I gave my "taste" up, for with each trial I got a blistered tongue.

One evening, when looking over a certain outdoor magazine, I read that a certain fisherman could catch more fish when using "Edgeworth," so I decided I would try "his" tobacco—for I am no poor fisherman!

The next day I tried to secure Edgeworth. The local country storekeeper did not have it, so I sent by a friend to the city for my first Edgeworth. Two things have happened: I still smoke Edgeworth, and the local storekeeper always has a supply.

I catch fish and never get "a bite" from Edgeworth!

Yours for keeps,  
H. V. Massey

**Edgeworth**  
Extra High Grade Smoking Tobacco

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A Separate Store in a Separate Building

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college men's suits for Easter \$50

Our collection of high grade suits at this price appropriate for Easter comprise more than 1200 suits smartly styled and finely tailored in all desirable colors and fabrics.

Other Easter Suits up to \$100  
Lesser priced Easter Suits \$35 to \$45

SECOND FLOOR — THE STORE FOR MEN

## Year '28 Has Produced Many Famous Exponents of Science and the Arts

Goldsmith, Bunyan, Schubert, Listed in Hall of Fame Of '28 Alumni

The Class of '28, graduating once a century, has the most famous alumni organization in this "World's University" of ours, according to the New York Times. From Jules Verne and Captain Cook to Tolstoy and John Bunyan, starting in 1028 and continuing to the present time, this ell of the Hall of Fame numbers among its members men and women of all types and from all parts of the globe.

Among other things the Class of '28 claims that H. G. Wells did not outline history, but merely reprinted the work of one of its members. The outline of history began in Ireland, where, according to the Times, there was born in 1028 a monk, Marianus Scollus, who wrote the Chronicon Universale, a work treating of everything from creation up to that date.

Grim old Cotton Mather, who died in 1728, is not the least of the distinguished company. In the realm of Art, Gilbert Stuart is found to be a member of the organization, for he died in 1828, one hundred years after Cotton, after instituting painting in the United States. A far cry from Art brings us to famous navigators and Captain Cook born in 1728, who added most to our knowledge of the South seas.

John Bunyan, Oliver Goldsmith, Ibsen, Goya, Schubert, and many others swell the grand total to a considerable figure. Drawing from the ranks of Literature, Science, Music, Theology, Philosophy, Art, and Politics, the alumni of '28 have made themselves worthy. Would not the world do well to watch the undergraduates of '28?

### MR. D. P. BARNARD '21 SPEAKS

Mr. D. P. Barnard '21, speaks this afternoon at 3 o'clock in Room 3-270 on Automotive Fuels and Lubrication to members of the M. I. T. Student Branch of the S. A. E. Aeronautical Engineering students and others interested.

During the past 67 years Yale has conferred the degree of Doctor of Philosophy on 1,374 men. Of this number 95% are now engaged in educational or professional work.

## Spring Styles

We would like more Tech men to know our good clothes, as others know them.

\$50 to \$95

Ready-to-wear Topcoats tailored by Burke & Co. \$35 to \$75

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## CHEMICAL WARFARE IS T. E. N. FEATURE

Automobile Assembling Is Also Discussed in April Issue

"Engineering, Chemistry and War," by Major-General Amos A. Fries, U.S.A., chief of the Chemical Warfare Service, is the feature article of the April Tech Engineering News, to be put on sale next Wednesday. General Fries discusses the ethics of Chemical Warfare, and attempts to justify its use as a means of national defense. Many new developments in this field since 1918 are presented, and the article contains the latest information on this subject.

W. K. Ash of the Works Engineering Department of the Buick Motor Co., has written on "Automobile Assembling." He compares the old style of assembly in which a complete car was built by a few men to the present system, utilizing three progressive assembly lines for the engine block, chassis, and body. A two-page pictorial section serves to illustrate the article.

Other articles in the issue are "American Potash," by C. R. Mansfield of the Geological Survey; "Titanium and Its Industrial Uses," "Compounding—A Twentieth-Century Art," and "Artificial Climate and Plant Growth," by J. M. Arthur of the Royce Thompson Institute for Plant Research.

## Medical Students At Oxford Fare Well, Is Claim

Rhodes Scholarships Open Way To American Students—Amount to \$6000

"Although few students seem to realize it," says Mr. Wilbur C. Davidson, Dean of Duke University School of Medicine, "opportunities for the study of medicine at Oxford University are numerous." The number of students applying for the Rhodes Scholarship which allows the student \$2,000 per year for three years, with no restrictions as to choice of studies at Oxford University is steadily increasing every year.

A student may prepare for medicine by studying for three years at the Medical School of Oxford University and then taking one or two years in an American Medical School. The above option has many advantages over four years at an American medical school. An American Rhodes Scholar, on entering Oxford, can enroll in the Honor School of Physiology and obtain the B.A. degree in Physiology at the end of two years. This entitles him without further examination to the M.A. degree. During this time he can complete several of the subjects usually taught in the first two years of an American school, and if his record is satisfactory, enter the third year of Johns Hopkins, Harvard, or several other similar schools. In this manner he may obtain his M.D. degree in four years from the time he entered Oxford.

All students between the ages of nineteen and twenty-five years who have reached the Sophomore year in college are eligible for Rhodes Scholarships either in the State of their residence or of their education. Application forms and information may be obtained by writing to the American Secretary of the Rhodes Trustees Swarthmore, Pa. There are no examinations; appointments are made by a Committee of Selection in each State annually in December, except that every third year the election is omitted. The completed application forms must be sent to the State Secretary by October 23.

## TESTS REVEAL HONOR MEN'S SUCCESS SURE

Members of campus honorary societies prove to be the most successful in later life, according to Professor Adelbert Ford of the psychology department of the University of Michigan. He has conducted a series of investigations, extending over some ten years, in an attempt to determine the relationship between campus activity and later successes. The results from 110 men concerning their positions ten years after graduation showed that publications men followed the honorary societies, with musical men third.

He believes "that scholastic success proves a desire for precision which is carried into later life and proves highly valuable," and substantiates his statements with the results of his study, which shows the average income of these men to be \$5,000.

## Yesterday's Violators Of Freshman Rules

- Joseph R. Brennan
- Frederick E. Brooks
- Jack H. Brown
- Wilbert O. Busenius
- Michael Casserly
- George F. Cohen
- Meyer Cohen
- Hari A. Cuz
- Mary K. Gusic
- Michael G. Eskin
- Abraham A. Faber
- Barrett P. Foster
- Marceline F. Garcia
- Stephen C. Gawlowicz
- Norman L. Haight
- Ray W. Hawksley
- Robert B. Horner
- Alfonso E. Hossfethers
- George A. Irwin
- Jack R. Kalman
- Sidney L. Kaposky
- Max Katz
- Luis A. Loia
- Gilbert A. Lown
- George J. Murphy
- Albert Nage
- Joseph C. Noyes
- John L. Olsen, Jr.
- Harntun C. Rashduni
- Ebed L. Ripley
- Michael G. Rogers
- John W. Robbins
- Eldon L. Shorey
- Charles W. Schroeder
- Arthur A. Smith
- John E. Strong
- Frederick G. Suhr
- Robert W. Vose
- Samuel Waldmal
- William J. Wyszynski

## PRESIDENT STRATTON GIVES BIOLOGY TALK

Describes Early Experiences to Sedgwick Society

President Samuel W. Stratton was the guest of honor at a meeting of the Sedgwick Biological Society, which was held in the Emma Rogers room Tuesday evening. Dr. Stratton talked informally and delightfully on his early school and farm life, and of his experiences as a student at the University of Illinois where he was graduated in 1884.

Several interesting and humorous incidents were described when Dr. Stratton told of the train of circumstances which followed his taking a course in military drill. This led to his subsequent positions at the University of Chicago, and as an officer during the Spanish War.

Of special interest to the students of biology was the description of the work that he did in collaboration with Professor Burrill, who discovered the bacillus of pear blight. This was the first bacterium which proved to be the cause of a plant disease. A method was developed by Dr. Stratton for photographing these microbes. After the meeting, a social hour was held during which time many interesting discussions arose.

This organization has recently been formed under the auspices of the students in the Department of Biology and Public Health. According to the Constitution, the purpose of the society is to foster a deeper love for the work and a closer friendship among the students at the Institute interested in biological subjects.

Membership in the society is open to all students at Technology who have successfully completed at least one course in a biological subject.

Robert Harris '28 has been chosen as president of the Society, with Morris Shaffer '30 as vice-president. Hugh Griswold '29 will conduct the financial affairs as secretary-treasurer of the organization.

## CIVILS WIN FACULTY BOWLING TOURNEY

After ten weeks of close competition the Faculty Club Bowling League will complete its schedule this week. The Civil Engineering Department won the tournament, defeating its closest rivals by three games. The Chemical Engineering Department was second, while the Mechanical Engineering Department secured third place in the league standing. The highest individual players who had an average of 90 or above in seven out of 11 games were: John E. Burchard, 2nd, Walter M. Fife, George G. Marvii, Henry O. Forrest and John H. Zimmerman.

### Team Standing

Team	Won	P.F.
Civils	36	11,114
Chem. Eng.	33	10,952
Mech.	31	10,553
Chem.	30	10,693
Physics	25	10,444
Electricals	19	10,332
Meta-Physics	16	10,092
Eng. Lab.	16	10,144
*Chem. Eng. II	12	8,808
*Biology	7	8,827
*Mech. II	4	8,157
*Specials	3	8,455

\*9 matches only.

## QUESTIONNAIRE TO COME OUT MONDAY

Undergraduates Are Asked to Answer All Questions In Detail

(Continued from page 1) of this questionnaire, and is giving it his hearty support.

A report will be made to the Institute Committee in approximately a month. Definite recommendations as to certain changes will be made in this report which will probably be acted upon by the Institute Committee, as soon as possible.

This list is only a part of the work being carried out under the auspices of this committee. The conditions of other colleges of the United States are being studied and authorities upon this subject are being consulted. The final report will consist of a comprehensive and detailed submittal of the results obtained by the researches.

## STUDENTS INSPECT BROADCAST STUDIOS

Thursday afternoon, April 5, a group of members of the Radio Society and non-members interested in broadcasting, made a trip to three of Boston's leading broadcast stations, WNAC, WEEL, and WBZA, through the courtesy of the management of these stations. The persons making the trip were Elser, Dyer, Lathrop, Stander, Hollywood, Wright, Chandler, and Eskin. The staffs of the three stations were very courteous, and the visitors were shown everything in use at each station. The inspection lasted not quite two hours, and was greatly enjoyed by all.

## BARNARD WILL SPEAK ON FUELS AND OILS

Mr. Daniel P. Barnard IV, '21, of the Standard Oil Company of Indiana will speak today at 3 p. m. in Room 3-270 upon Automotive Fuels and Lubrication at the meeting of the M. I. T. Student Branch of the S. A. E. Aeronautical Engineering students and others interested. Mr. Barnard is coming upon the invitation of President Samuel W. Stratton.

Recent changes in design of automobile power plants tending toward higher speeds and greater compression ratios have necessitated research for fuels and lubrication oils of a different character and probably Mr. Barnard will give some discussion on these problems.

## FACULTY CLUB HEARS HENRY S. DENNISON

Mr. Henry S. Dennison of Framingham was the principal speaker at the Faculty Club luncheon held in the Faculty Dining Room of Walker Memorial yesterday noon. His subject was "Recent Observations in Europe." For several years Mr. Dennison has been interested in socio-economic problems and in the study of international affairs.

During the World War Mr. Dennison was one of the directors studying international problems in Washington. At present he is the president of the Dennison Manufacturing Company of Framingham. In this capacity he has had an excellent opportunity to test his theories on the proper relationship between employer and employee. He recently returned from an extensive trip to Europe and it is concerning things studied on that trip that he spoke about at the meeting.

## COLLEGE EXPANSION HINDERS EDUCATION

Dr. Hamilton Holt, president of Rollins College, says: "If I should be asked to name the chief fault of American education today I would unhesitatingly say it is the insatiable impulse to expand materially. The things that make a college great are the quality of those who are taught, the quality of those who teach, and the quality of the place where teaching is done. Under the policy of haphazard expansion for its own sake, our student body is not better but only more numerous, our buildings are temporary and inharmonious, and our professors are underpaid and overworked."

Dr. S. Parkes Cadman in a recent article in the "Daily Princetonian" defended the modern college. The famous church man says in part: "The college student of today is like those who went before him, neither all wheat, nor all tares, very human and capable of betterment."

For complete information on the White Star Line or any steamship or railroad line, consult your local travel agents.

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## CORPORATION XV TO DINE IN WALKER

Corporation XV will hold its next dinner meeting on Tuesday evening, April 10, at 6 p. m. in the Walker Grill Room. The speaker will be Mr. Gaylord C. Cumin, who will speak on City Managership. At the time of the Ohio Flood, Mr. Cumin was appointed City Engineer to take charge of all reconstruction. At the present time he is a Civic Consultant in Boston. Tickets should be secured in advance, at a cost of 75 cents.

Annual election of officers and three senior directors will be held at a special business meeting Monday, April 16, at 4 o'clock, in Room 1-190. Nominations signed by ten members should be handed to any of the present officers before Friday, April 13.

### CORPORATION XV ELECTIONS

Officers (president, secretary and treasurer) and three senior directors of Corporation XV for the fiscal year 1928-1929 will be elected at a special business meeting Monday, April 16, at 4 p. m. in Room 1-190. Nominations in standard form signed by ten members should be handed to any of the present officers by Friday, April 13.

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