

DORMITORIES HOLD SPRING SMOKER IN CAMBRIDGE HALL

Over 300 Campus-Dwellers Are
Entertained by Dancers
and Songsters

REFRESHMENTS SERVED

Messrs. Hamilton, Ford, Hartwell
and Bridges Are Guests
of Committee

Over 300 residents of the Technology dormitories attended the spring smoker held in Prospect Hall, Cambridge, Wednesday night. While the assembled throng of vociferous campus-dwellers waited for the performance to begin, they were entertained by a four-piece orchestra led by Arnold S. Ackiss '30.

Bursar is Guest

Promptly at 8:15 o'clock, Harold C. Plant '30, Chairman of the Smoker Committee, presented William J. Wiley '29, Chairman of the Dormitory Committee, who made a short speech of introduction. He was followed by Albert L. Eigenbrot '29 who then led the audience in a number of cheers for the dorms and for the guests of the evening—Professor Leicester F. Hamilton '14, Bursar Horace S. Ford, Mr. Frederick G. Hartwell, and Mr. Albert Bridges.

Miss Edna Ray, the Mistress of Ceremonies, then introduced the pianist, Miss Alice Franklin. The first number on the program was a song and dance act by Helen Feeney, a slim black-haired girl clad in a golden bathing suit. She was followed by the Sharon Sisters in another song and dance act. The third number was a few songs by Miss Ray, and in the fourth Althea Barnes entertained with more songs. Then Marie Sharon did a few tap dance steps, and was followed by Ruth Tingley, a plump little blonde who sang songs and accompanied herself on an accordion. The last number of the first part of the program was a strenuous hula dance by Gene Phillips.

Refreshments Served

The audience then left the main
(Continued on Page 4)

TORCHIO ELECTED TO LEAD NATATORS

Swims 50 and 100 Yard Dash—
Will Succeed Luey As
Captain

Philip Torchio, of the Swimming Varsity was elected captain to lead the Cardinal and Gray natators next year, at a banquet held last night at the University Club. Torchio is one of the most outstanding men on the team, being one of the fastest swimmers in the 50, 100, and relay. He has made a fine record this season as anchor man on the relay, and in the 100 yard dash, placing in this event in the New England Intercollegiate.

He will succeed Captain Luey, who led the natators to second place in the Intercollegiate, with one of the strongest teams ever to represent the Cardinal and Gray. Captain-elect Torchio will have the same sterling backing that Captain Luey had this season, as most of the team members will be back next year, and it is hoped that he will be able to duplicate the showing made by this year's team.

IMAGINARY \$8956 IS MADE BY CORP XV MAN

Imaginary wealth has been amassed by many of the members of the Corporation XV Investment Association which gave each member an supposed \$10,000 to invest in the stock market. To the winner goes a share of stock of some promising company which is a goal worth striving for. Fifty men have money invested and forty-five have increased their holdings by wise investment. The records complete through March 16 show that Frank P. Nettleton '30 had stocks valued at \$18,956.49 and has almost doubled his money. Only one entrant has suffered enough losses to fall below the \$9,000 mark.

Unused Tennis Courts Are Finally Removed

Another blot on the landscape has disappeared! For a long time the abandoned tennis courts in front of the new dorms, rusted and broken down, overgrown with weeds, have been an eyesore to those who appreciate the aesthetic qualities of the dormitories. Last fall an attempt to remedy the trouble was made when the inclosure was made use of for automobile parking. But apparently the powers that be decided that a group of decrepit Fords were not especially decorative, and so yesterday the ugly framework of wire and steel disappeared entirely. It still remains to be seen what use will be made of the space thus left unoccupied.

A.I.E.E. Visits Weymouth Plant Of Edison Co.

Special Guides Conduct Party
Through Large Electric
Power Station

Members of the Student Branch of the A. I. E. E., and their friends met yesterday at the Charles Leavitt Edgar station of the Edison Electric Illuminating Company at Weymouth to inspect this modern power plant. This is one of the few stations in the World using steam at 1400 pounds pressure. This has resulted in very high efficiency, as the steam is used until the pressure is only 750 pounds and then the remaining heat is used to preheat the air entering the boilers. Another important factor in the efficiency of this plant is that each generator is a separate unit in itself. The main generator has an output of 60,000 K.W. at 14,000 volts. There are two other generators of the same type with a 30,000 K.W. output each. Near the end of the trip, an unexpected surprise came in the form of a short circuit in the main control room. After a few minutes of hurried manipulating of switches the station was again at normal.

Donald H. Valentine, '29, the Publicity Manager of the society was in charge. As a larger crowd than was expected appeared at the plant office more of these trips to large electrical plants will probably be planned.

CONFERENCE HELD BY PERSONNEL OFFICERS

Representatives of Many Colleges
Take Part in Meetings

Technology was the scene of the spring meeting of the Eastern College Personnel Officers held last Friday and Saturday. Representatives were present from many of the leading schools in this section of the country. After a visit to the Hood Rubber Company on Friday morning, a luncheon was held in the North Hall of Walker Memorial with President Samuel W. Stratton as the speaker. Following this, a series of Round Table Discussions were conducted in Building 2 under the leadership of various college officers.

Friday evening, a dinner was held in the Faculty Dining Room at which a talk on "Humanities" was given by Colonel Charles R. Gow, Professor of Humanities at the Institute. More discussions were held on Saturday morning and the conference closed with an informal luncheon in Walker Memorial at noon.

MOVIETONE FEATURES TECHNOLOGY REVIEW

Technology Review goes on sale Monday in the Main Lobby between 1 and 2 o'clock. April's issue will feature "Cameras with Ears" which is a description of the sound equipment in the taking of moving pictures, written by Joseph A. Ball '15. John Bakeless, the editor of the Living Age, has an article in this issue entitled "Science and World Affairs" which is a study of the scientific things necessary to solve social and international problems.

COMMITTEE ON STUDENT INQUIRY INVESTIGATES CURRICULA PROBLEMS

Carnival Profits Will Be Employed To Aid Lacrosse

Committee Believes That Action
Will Probably Establish
Precedent

All profits from the All Technology Carnival will go to the newly founded Lacrosse team to start it well on its way and to furnish much needed equipment. This was decided at a meeting of the Carnival Committee which was held last evening in the West Lounge of Walker Memorial. It was thought that some worthy school activity should benefit from the money taken in at the Carnival and Lacrosse was chosen as one which the students would be willing to back.

Lacrosse is a new sport at Technology and it is thought that some such arrangement as this will help it financially and also arouse student interest in it to a degree where they will be willing to give it their whole hearted support.

The Committee is hopeful that this may establish a precedent for future Carnivals and that each year some deserving organization may be the recipient of the profits. This policy is strongly upheld by the fact that such an arrangement is carried out at many other schools and it also helps in the general spirit of the Carnival.

C.B. ALLEN NAMES RING COMMITTEE

Will Investigate Advisability of
Standardizing Senior
Ring Design

C. Brigham Allen '29, president of the Institute Committee, was authorized by that organization at a meeting yesterday afternoon to appoint a committee to investigate the advisability of selecting a design for a ring that would be known as the Technology ring.

No definite design or shape has been used by Seniors in selecting rings in the past and consequently the ring does not serve as a means of identification. The committee will report on this matter at the next Institute Committee.

At the same meeting, the recent elections of the M. I. T. A. A., Tech Show, and the T. C. A. were accepted. A report was read by Horace S. Ford, Jr. '31 on the Sophomore dance which showed a surplus of \$262.31. It was also announced that a definite date for the conclusion of freshmen rules would be announced in the near future.

FRESHMAN DANCE TO TAKE PLACE APRIL 5

Signups for Ball Go on Sale in
Main Lobby Next Week

Final arrangements for the freshman dance to be held April 5 in the Princess Room of the Hotel Somerset have been made. Dancing to the strains of Leo Reisman's popular orchestra will last from nine o'clock until two o'clock. Tickets will go on sale in the Main Lobby, Monday, and as the number at the dance is to be limited, it has been suggested by the committee in charge that freshmen come early if they want to attend their class dance. Tickets will be two dollars and a half per couple.

An attempt is being made to prevent "crashing" at the dance this year, and the Newbury Street entrance to the hotel has been reserved by the committee for the exclusive use of the students. The committee has also arranged to get dancing partners for any men who can not get "dates".

Talks on Gliders To be Feature of A. E. S. Smoker

Pictures of Air Races Showing
Technology's Ships Will
be Presented

Phillip Allen, a former naval aviator, and Otto C. Koppen '24 will be the principal speakers at the Aeronautical Engineering Society smoker in Room 5-330 on Wednesday night at 7:30 o'clock. Their subjects will deal primarily with a discussion of gliders and, in addition, moving pictures of the 1922 flying contests abroad and of the society's glider in flight on the Cape recently will be shown.

Otto Koppen designed the two gliders which were built at the Institute in 1922. These were test flown at Ipswich and shipped abroad where they were flown at Clermont-Ferrand France and on the Wasserkuppe at Rhoen in Germany. The gliders were piloted by Edmund T. Allen '23, who is now with the Air Mail. The A. E. S. has a bronze medal which was awarded it on this trip by the Aeronautique Club de France.

He has also designed the little Ford "fivver" airplane and the new Fairchild 21 training ship. At present he is employed in the engineering department of the Fairchild plant on Long Island.

Philip Allen received his training from the Navy. Later he went to the German gliding school at Rossitten on the Baltic Sea in December. He is the only American now qualified as a soaring glider pilot. This is the highest grade obtainable.

The moving pictures will show the Technology ships which were entered in the 1922 flying contests. They will also depict the flight of the present A. E. S. glider which was made on Cape Cod last November. Announcement of final plans in regard to the flight to be attempted this year will be made.

GLEE AND McDOWELL CLUBS GIVE CONCERT

Technology Club Well Received
in Combined Program

Appearing for the first time with a semi-professional club the Technology Glee Club combined with the McDowell Club in a concert at Jordan Hall on Wednesday afternoon.

In ensemble and vocal quality the Technology Club lost nothing by comparison with the more adult organization. The affair was attended by a capacity audience which responded with enthusiasm to work of the clubs.

The program was characterized by several numbers by Holst of which Psalm CXLVIII given by both the clubs was one of the features of the afternoon. Of the Technology Club's numbers none were received more enthusiastically than "Promis' Lan" by Burleigh a negro spiritual. The Technology rendition of Mozart's "Ave Verum" also received very favorable comment by critics who heard it.

William Ellis Weston, coach of both clubs expressed the hope that this combined concert might become an annual affair in view of the success of the first concert.

TECHTONIANS WILL PLAY AT TEA DANCE

Music for the Activities Tea Dance which will be held in the North Hall of Walker Memorial on April 13 at 3:30 o'clock will be furnished by the Techtonians. This dance is an annual affair that usually was included as one of the features of Junior Week. Since that week has been abandoned, this function will be held on the afternoon following the Carnival.

JOINT COMMITTEE DEvised TO SOLVE STUDENT TROUBLE

Faculty Suggests Frequent Short
Quizzes As Solution to
Discontent

WORK MUST BE KEPT UP

Recommended That Instructors
Describe Benefits of
Course

Recommendation that at least three conference hours per week should be set aside for consultations with students, that these hours be regarded as a part of the teaching schedule of the instructor, and that when possible students should be expected to make their inquiries at such specified periods are the various recommendations submitted by the joint committee on Student Inquiry in the progress report.

This group consists of a special committee of members of the faculty appointed by President Samuel W. Stratton and a body appointed by the Institute Committee. Investigation of causes of dissatisfaction among the students in regards to courses has been the chief work of the committee.

Faculty Suggests Solution

Five meetings were held at which the original reports of the Student Committee and for the Faculty Committee were carefully studied and clarified on points where there were differences of opinion or misunderstanding. Several suggestions as to solution of the existing problems were submitted by the Faculty Committee in a previous report and as a result of these meetings of the joint body additional recommendations have been made.

Recommendation was made in the report that whenever possible short written quizzes should be given frequently, e. g., every two or three weeks, and that the grades in all quizzes should be given especial weight in making up the final grades for the course. It was further recommended that the students be so informed at the beginning of the course.

Work Emphasized

One purpose of this suggestion is to emphasize the importance of keeping the work of the course up to date, both as to notes and problem work. A second purpose is to overcome a belief which seems to be prevalent that written quizzes are regarded as of slight significance in determining the final standing of the student.

In regard to the Honor Groups, the committee recommended that some latitude as to absence from certain subjects may be allowed and that such

(Continued on Page 4)

Yearbook Signups Can Be Redeemed Next Week

Many students, having Technique signup cards stating that they are "Forfeited if not redeemed by March 31," have been getting a little uneasy as to the status of the dollar they invested. Members of the yearbook Board hasten to inform these more or less worried students that the redemption campaigning will be held next week and that their stubs are still good. At that time coupons entitling the owner to a Technique will be given to the student in exchange for a signup stub and three dollars. A few copies will be sold for five dollars. The yearbooks will be given out in the checkroom of Walker immediately after the Rush on Open House day, April 27.

A Record of Continuous News Service for 48 years.



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

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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E. F. McLaughlin '32

OUR AQUATIC TROUBLES

NOW that winter sports are nearly over, the track teams, tennis, and crew come into the limelight. But even though its season is over, the swimming team is still causing much discussion among students. Their season this year was more successful than ever before. They have increased the prestige of Technology in athletic circles, and have done so by overcoming serious obstacles. For they are forced to practise at the University Club, and are thus denied the opportunity for spending the time the sport demands.

However, the popular idea about the whole situation is a misapprehension. Most people say, "Look at the crew—everybody knows how expensive that sport is. They have a boat house, shells, and plenty of coaches, while the swimming team gets a 'dirty deal'. Why can't we have a swimming pool?"

This idea is erroneous. It is based, perhaps, on the fact that at some schools, Harvard for example, the crew expenses mount up to as high as \$70,000. However, here at Technology, the students pay, by means of a proportion of the tax imposed on each man at the Institute, only \$2100 towards crew expenses. From this same fund, the swimming team receives \$1300. If one considers the number of men engaged in the two squads, so far as student support is concerned, the swimming team shows a distinct advantage. Other interesting facts on this same subject are these: the cost of erecting a building suitable for a swimming tank would cost between \$200,000 and \$250,000, and the plant would have a yearly operating cost conservatively estimated at \$10,000. The Boat House cost \$20,000, and its upkeep is small.

Embodied in the plans for the new gymnasium which are under consideration at present there is, of course, an adequate swimming pool. To promote a separate plan for a swimming pool is obviously out of the question. Therefore, much as we appreciate the fine showing which the swimming team has made, it looks as if virtue must be its own reward, for the present at least.

NO FIRECRACKERS

"A SAFE AND SANE CARNIVAL" is what the coming event is aimed to be. Plenty of fun, a worth-while Technology get-together, an evening to be remembered, but not a "Circus". There have been too many of these, and too much pie has been thrown, and too much adverse criticism has come of them.

It is a big job which the committee has undertaken. Certainly they have spent plenty of time already in attempting to insure the success of the affair. As a tradition, the idea is very good. Whether or not it goes off in a creditable manner is wholly up to the students.

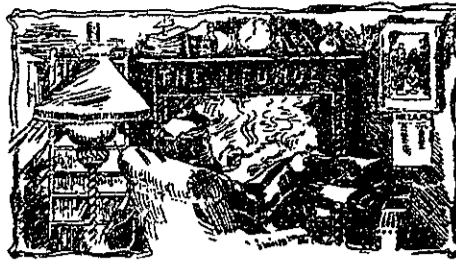
TAKE THE TROUBLE

"ANYTHING worth doing, is worth doing well" was said by a wise man who had discovered efficiency. The quicker one realizes the immense value of thoroughness the better start he has toward satisfactory living. This satisfaction to be attained in all human relationships, family, social and business.

Scientific advance has been possible through one item; thoroughness. If scientific marvels are to continue to be given to the world it will be through the untiring, unceasing thoroughness of the men behind the instruments. Not only in scientific circles is thoroughness being cultivated to a high degree. Educators have long agreed that to thoroughly know and understand a few chapters of a textbook is better than to have a smattering of the facts contained in the entire volume.

Roughly speaking, there are two branches of thoroughness; that is, the doing of physical jobs, and the method of thought processes. In general the former is directly dependent upon the latter, for the man who is a thorough thinker is apt to be a thorough worker. This thoroughness cannot be obtained in box form or by the gallon. The first requisite is to be willing "to take the trouble." Also it is the last requisite, to be willing "to take the trouble." And in-between point is knowing what one does not know. The man who knows his own faults and combats them has gone a long way.

If a man has ability but lacks thoroughness, he will probably get along all right. If he lacks ability but has the thoroughness he may do a little better. If he has both ability and thoroughness he will, sooner or later, almost surely be described as a genius.



Somebody is in league with the Lounger and his purification of the press ideas. At least the bulletin boards have been the scene of vandalism, directed against the posters put up by that scurrilous sheet, the "Filter Paper." These announcements, it seems, won't stay up on the boards more than half an hour before some other clean-minded gentleman removes them.

Still the rumor persists. Very vague, but nevertheless it is there—the "Filter Paper" is on its way out. It ought to be good, for if there isn't enough dirt around this place, then the Lounger should have been writing Sunday School papers all these years. "Voo Doo" finds enough scandal to put out an issue, each month, the Lounger could easily fill a column a week, and we ought to expect something spicy from the "Filter Paper," after a whole year.

Monday's April 1st, and the Lounger will be walking around that day with a chip on his shoulder. In the meantime, he thanks his unknown colleagues for their attempts to keep Technology publications pure and simple, for the benefit of their readers.

It seems that the Carnival Committee was discussing the coming attempt at the revival of the Circus, when the famous Dick Boyer brought up the subject of wearing old clothes. "It'll help the spirit of the thing," says he who is not entirely innocent of what that term means, "if the boys around school wear their old clothes and funny-looking hats on Carnival Day."

"Sure, I'm all for it," says Brig. "Damn good advertising."

And then the Lounger who was listening at the key-hole, had a chance to give one of his almost forgotten chuckles. For there was the "voice from the back of the room" saying, "Wal, in my opinion, the idea wouldn't be much of a change from what we see every day."

"He who laughs first is likely to find he's the biggest fool," as Xerxes the Scenarist once observed. And the Lounger doesn't know whether to laugh hardest at the Sophs or the Freshman Rules Committee. As has already got out, they corralled a lot of "freshmen" who weren't wearing their regalia, only to find that a lot of them were Class of '31. Who was funnier, the committee in their misplaced activity, or the dense Sophs, who are so dumb as to look like freshmen and have to repeat frosh courses?

With every exam the Lounger takes, he gets madder and madder at the authorities who make him sit in the drawing rooms. If driving a locomotive is hard on the kidneys, the hospitals are going to have to open special wards for decrepit Techsters who have lost their health while perched on the stools of drafting rooms, cogitating on exams.

There we sit, trying to wrack our brains to remember a formula, while all our efforts must be used to keep from falling off the damn stools. Not room enough to put the knees under the table, can't reach the floor with our feet, can't put them on the brace under the bench without turning con-

THE EDITORIAL SPECULUM

It is a pleasure to see the improvements that are being made around the Institute for the advent of Open House Day. Every year this motivating force acts as nothing else could to encourage the tidying of the school and its grounds. This is a distinct advantage to the school as well as the visitors, as the accumulated trash of one year is thus cleared up before it becomes a nuisance.

It seems that with the long list of popular, and even famous men, that there should be no difficulty in naming the newest sections of the dormitories. They are now bearing the extremely unoriginal designations of "Sections D, E, and F," and the long list of those who should be honored should give sufficient motivation.

The Boylston Barber Shop
Haircutting, Shampooing, Shaving, Facials and Scalp Treatments
We solicit your patronage
JOSEPH S. DE BLOIS
1020 Boylston Street, Boston
Just Below Mass. Ave.

Declares Intelligence Dependent on Quality of Food Student Eats

Dr. Munroe Has Experimented on School Children for Over Sixteen Years

Dr. John Munroe of Long Island University is convinced that poor food is directly responsible for much of low intelligence. This comes as a result of sixteen years of study on the schism between heredity and environment. Five thousand children passed under his scrutinizing eye. With the elapse of years, the effect of the workings of the digestive tract on the development of the intelligence was closely observed.

With unabated patience, Dr. Munroe dogged the footsteps of seven hundred children as they ascended the long ladder of intellectual development, through school and college. The data that was compiled in this investigation was used as a basis of the statement that food has such an effect.

Restaurateurs Agree

The American Order of Restaurateurs voiced its opinion of the doctor's statement. "There is no doubt that without the proper nourishment, the mind cannot function satisfactorily. Deprived of his daily dose of flet mignon or caviar, the gourmand would find it impossible to wade through the intricacies of the transcendental functions of the higher mathematics."

Dr. Munroe's tests were begun in Fairbault, Minn., in 1913. Children of the Fairbault public schools were the subjects. Dr. Frederic Kuhlman of the Minnesota State Board of Control and members of his staff collaborated in the earlier experiments.

World's Longest Bridge To Cross Boston Harbor

Will Have Overall Length of 7 3/4 Miles Providing Four Car Width

Complete plans for the construction of the longest bridge in the world, to extend across Boston harbour from City Point to Hull, a distance of 7 3/4 miles, were disclosed by a group of prominent men who propose to finance the project.

The immense span will be built at a cost of \$10,000,000 and will probably be a toll bridge. Built on piles and topped by a wide cement highway, it will rise to an elevation of 55 feet and its maximum height will be 90 feet. Though ordinary harbor shipping will be able to pass freely beneath it, three draws have been planned that each may provide a passage of 250 feet, sufficient to accommodate the largest vessel in the world.

The bridge, a concrete highway, would be of ample width for four lanes of traffic, and would decrease the distance from the State House, Boston to Nantasket from 21 to 16 miles.

It is confidently expected that the huge structure would greatly increase the value of real estate properties in Squantum, Hull, Nantasket and cause a general rise in property values along the South Shore. Constructing of the bridge will be begun, according to the men interested in the promotion of the scheme, when they receive a charter from the State. The matter is scheduled to be broached at the State House, before the committee on highways, on April 2nd.

Retests were made at intervals of from two to three years. The findings were formulated under the guidance of Dr. Frank W. Freeman of the University of Chicago. Kuhlman-Binet tests were first used. Six or eight years later 169 students were selected at random and were examined and submitted to the Otis advance group tests.

"As a side experiment," Dr. Munroe said, "I performed experiments upon ten children from families where one would expect an inheritance of fairly high intelligence. For some months I fed egg-nogs twice a day to the children and found at the end of the experiment that all but one had increased in intelligence."

Play Directory

Tickets for all theatres may be bought at Box-Office Prices from the T.C.A., Walker Memorial.

Stage

COLONIAL: "Bible". Still pleasing the public. The twelfth week.

COPELEY: "The Ringer". Edgar Wallace can certainly write a good mystery when he chooses. E. E. Clive is prominent as usual.

MAJESTIC: "The Sign". A pleasant combination of real thrills and some good laughs.

PLYMOUTH: "Paolo and Francesca". Jane Cowl in another fanciful play of old times. Well done.

SHUBERT: "Manhattan Mary". Ed Wynn, backed by a good chorus and some excellent scenery, shows his ability to bring a laugh without doing anything.

ST. JAMES: "The White Sister". From the novel by F. Marion Crawford. The scene is laid in Italy, and the plot is exceptional.

WILBUR: "The Trial of Mary Dugan". This play has outlasted any play in Boston this season, and deservedly. Realistic effects are obtained in novel ways.

Screen

LOEW'S STATE: "The Bellamy Trial". Screen version of the famous play. Original and cleverly framed. Stage show below par.

FENWAY and OLYMPIA: "The Red-Headed Stranger". Dolores Costello doing her stuff in the underworld of Paris.

INTERCOLLEGIATE

Students of a Pennsylvania college recently took advantage of a break in the operation of a public telephone to make numerous long distance calls free of charge. However, a number of the calls were traced, and bills sent out accordingly.—Campus.

A collegiate Sunday school has been started at the Utah Agricultural College, which opens later than the rest in the city so that students may take advantage of the one chance in the week to sleep late.—Rutgers Targum.

At the University of North Carolina recently five dances were given consecutively in two days. Two were held on Friday, and three on Saturday.—Campus.

Co-eds at Minnesota spent more than \$500 weekly on chewing gum, according to the campus storekeepers.—Ex.

SPRING BRINGS HEARTY APPETITES Satisfy them at the ESPLANADE CAFETERIA MASS. AVE. at BEACON

Young Men's Spring Outfits for Easter

—Easter comes early this year—March 31—The time is short, yet ample, with Scott & Company's splendid variety of exclusive new clothing, ready for selection—

—Original models, designed and tailored, every stitch, in our own Boston workrooms, ready to wear—fine imported and domestic woolsens, at these moderate one-profit prices—

Topcoats, \$45 to \$55
Spring Suits, \$45 to \$55
Tuxedo and Trousers, \$50 and \$55

Young Men's Dept. 2nd Floor

Scott & Company LIMITED

336 to 340 Washington Street, Boston

TWO CAPTAINS ARE ELECTED

Gym Season Closes With Record of Five Wins and A Tie for Championship

By THOMAS F. MacLAREN
Manager of Gym Team

Gymnastics at Technology reached its highest peak during the season which officially ended at the University of Pennsylvania last Saturday when the wearers of the Cardinal and Gray emerged with a season record of five wins and two losses, and a tie with the U. S. Naval Academy for Intercollegiate honors.

Starting the season with a defeat at the hands of Princeton the team successively defeated Army, U. of Penn., Dartmouth, Temple, and Bowdoin, only to lose the final dual meet to a strong Navy team by the score 32-22. At the E. I. G. L. Championship meet the men on the squad had an opportunity to avenge some of their individual defeats, and they succeeded in outclassing the Princeton team and breaking even with the Naval Academy for first honors.

Many Stars On Team
To name any one man who was responsible for the success of the team would be impossible. In total points won, Wells heads the list with a total of 58 points. In events, Capt. Fairchild and Dolloff turned in stellar performances in every meet, with Fairchild winning six first places and one third place on the horse and Dolloff winning six first places and one second place on the tumbling mats. Reynolds—the "Iron Man" of the team stands second in scoring honors with 53 points and an exceptionally good record on the rings. In only one meet did he lose the decision on the rings, and he took three first places on the parallels.

NELSON WILL LEAD BASKETBALL TEAM

Star Forward is Chosen Captain of Technology Five for Next Season

Robert M. Nelson was elected captain of the Basketball squad at a meeting of the letter men in the Main Lobby on Wednesday noon. Nelson played with the Varsity this year and won his letter as right forward on the team.

The new captain comes to the Institute from Kenilworth, Illinois, where he played soccer, baseball, and tennis on the high school team, though he did not play with the basketball team there. He attended Armour Institute of Technology at Chicago before entering M.I.T., where he transferred as a freshman. He did not play freshman basketball here, as he was ineligible under the one year ruling.

Played Last Year
Last season he was a member of the Varsity squad, but did not play enough to earn a letter. This year he played a great game at right forward, teaming very skillfully with Brig Allen and Bernard Brockleman, the retiring captain. The choice of Nelson was a popular one among the men, and he has the wishes of the sporting fans for a season paralleling the past one in successful games.

GOLF TEAM PREPARES FOR SPRING SEASON

Schedule of Eleven Matches Has Been Arranged for Team

Candidates for the Golf Team will hold a meeting in the M. I. T. A. A. Office, Monday afternoon at five o'clock, in order that the names of all aspirants may be obtained. In about two weeks there will be a trial round of eighteen holes to find out exactly what material is available for this year's team. This will be merely for information, and the team will not be chosen at that time.

The schedule for the season has been arranged, and includes eleven matches, with such schools as Boston University, Boston College, Worcester Polytech, Harvard, Tufts, Bowdoin, Brown, Yale, and Army. There will be several trips, for the games with Brown, Yale, and Army. The home matches will be played at Sandy Burr, Weston, Oakley, and Woodland courses.

BASKETBALL LEAGUE STARTS SEMI-FINALS

Several games were played in the Interfraternity Basketball League during the first days of the week, and the following scores were made:

Phi Lambda Alpha	14
Chi Phi	3
Beta Theta Pi	18
Alpha Tau Omega	16
Kappa Sigma	38
Sigma Alpha Epsilon	0
Phi Gamma Delta	27
Phi Sigma Kappa	16

GYM TEAM ELECTS WELLS AS LEADER FOR 1930 SEASON

New Captain is High Scorer for Season Just Ended—Won at Philadelphia

MEET HELD HERE MAY 4

David Q. Wells '30 was elected captain of the gym team for the 1929-1930 season in a meeting held Tuesday evening. Wells was the high scorer for the team this year, completing the season with a total score of 58 points. In the Intercollegiate held at Philadelphia last Saturday, he won first place on the horizontal bar. This makes him the Eastern Intercollegiate champion in this event for the current year.

Three More Meets
Although the regular gym season been brought to a close, the team has three more competitions in which to enter. On April 20 the entire squad will journey to Dartmouth to compete in the Junior Championships. The Senior Championships will be held at the Institute on May 4, and a few members of the team will probably go to Philadelphia to compete in the National Championships, though it is not definitely decided.

Bowdoin 100 years ago—Estimated cost of a student at Bowdoin College is \$120.70. Board is charged at \$1.16 a week, washing for term \$2 and room rent \$10.—Bowdoin Orient.

Captain of Gym for Season of 1929-1930



David Q. Wells

Hotel Somerset Barber Shop
For Good Work and Service
Ask Those Who Know
GIVES US A TRIAL

Varsity Trains For Navy Race

J. V.'s Give Varsity Crew Close Competition—Ineligible Boat Organized

Despite the rainy spring weather, ten crews have been rowing on the Charles every night, getting into shape for the coming race with the Navy at Annapolis. Working under the supervision of Coach Haines, the Varsity, Jay Vee, and 150-pound oarsmen have been rapidly coming into

(Continued on Page 4)

WANTED

50 Men's Silk Hats Also Used Caps and Gowns

CASH WAITING

Room 212
93 Mass. Ave. BOSTON

"Will the gentleman who just coughed, kindly step to the box office . . . for a package of Old Golds?"

"Of course, I have never said just those words from the stage—but in all kindness I have often wanted to offer this friendly help to some poor fellow whose cough was interrupting the show and spoiling the enjoyment of those around him.

"A year or so ago, the makers of OLD GOLD ran some ads on the disturbing effect of coughing in theatres. As an actor, I was grateful for those ads. I am more grateful now that OLD GOLD has invited stage folk to help them bring 'first aid' information to our unhappy friends the 'theatre-coughers.'

"My own advice is that prevention is the best aid. The kind of prevention that smoking OLD GOLDS gives. Harsh tobacco irritates the throat, and that causes coughing. Changing to OLD GOLDS soothes the throat and removes the cause of the 'cough tickle.'"

(SIGNED) *Groucho Marx*

Why not a cough in a carload?

OLD GOLD cigarettes are blended from HEART-LEAF tobacco, the finest Nature grows. Selected for silkiness and ripeness from the heart of the tobacco plant. Mellowed extra long in a temperature of mid-July sunshine to insure that honey-like smoothness.



On your Radio . . . OLD GOLD—PAUL WHITEMAN HOUR . . . Paul Whiteman, King of Jazz, with his complete orchestra, broadcasts the OLD GOLD hour every Tuesday, from 9 to 10 P. M., Eastern Standard Time, over entire network of Columbia Broadcasting System.



GROUCHO MARX of the Four Marx Brothers now starring in one of the biggest Broadway hits of the year "Animal Crackers."

eat a chocolate, light an Old Gold, and enjoy both!

© P. Lorillard Co., Est. 1760

TENNIS MEETING AT 4 O'CLOCK!

NOTICES and ANNOUNCEMENTS

Of General Interest

Hydraulic Experimentation Dr. Ing. Theodor Rehbock
Friday, March 29, 2 P.M., Room 5-330

Dr. Ing. Theodor Rehbock, Professor of Hydraulics at the Technische Hochschule of Karlsruhe, Germany, will deliver a series of lectures on "Hydraulic Experimentation." The subject of the fifth lecture will be "Discharge through Sluices," "Backwater on Bridge Piers," "Percolation through Dams," and "Protection of Tumble Mays." The lecture will be illustrated by moving and still pictures.

The lecture is open to students and members of the instructing staff.

Ferromagnetism Prof. W. Heisenberg
Friday, March 29, 4 P.M., Room 4-231

Professor W. Heisenberg, Director of the Institute of Theoretical Physics of the University of Leipzig will give the seventh lecture in the series on "Recent Developments in Quantum Mechanics." The subject of the lecture will be "Ferromagnetism."

The lecture is open to students and members of the instructing staff.

Unusual Uses of Chlorine Mr. Robert Spurr Weston
Lecture postponed until Tuesday, April 2, 10 A.M., Room 10-419

Mr. Robert Spurr Weston, Consulting Sanitary Engineer, will speak to the class in Municipal Sanitation on the subject "Unusual Uses of Chlorine." The lecture is open to students and members of the instructing staff.

Ancient Life in Central Asia Prof. F. K. Morris
Wednesday, April 3, 7:15 P.M., Emma Rogers Room

Professor F. K. Morris of the Geology Department will speak at a meeting of the Sedgwick Biological Society. The subject of his lecture will be "Ancient Life in Central Asia." All who are interested are invited.

Calendar

- Friday, March 29
 - 2:30—Soccer Scrimmage Practice, Coop Field.
 - 5:00—Tennis Mass Meeting, Room 10-275.
 - 5:00—Tech Show Meeting, West Lounge, Walker.
- Saturday, March 30
 - 5:00—Banjo Club Meeting, East Lounge, Walker.
- Monday, April 1
 - 5:00—M. I. T. A. A. Meeting, Committee Room, Walker.
- Tuesday, April 2
 - 5:00—Banjo Club Meeting, East Lounge, Walker.
 - 5:00—Glee Club Meeting, Room 10-250.
- Wednesday, April 3
 - 7:30—Chemical Society Smoker, North Hall, Walker.
 - 7:30—Math Club Meeting, Faculty Dining Room, Walker.
 - 7:30—Aeronautical Engineering Society Smoker, Room 5-330.
- Thursday, April 4
 - 5:00—Banjo Club Meeting, East Lounge, Walker.
 - 5:00—Glee Club Meeting, Room 10-250.
- Friday, April 5
 - 8:30—M.I.T. Catholic Club Formal Reception and Dance, Kenmore Hotel.
 - 8:30—Dorm Dance, Walker.
 - 8:30—Scabbard and Blade Dance, Rogers Building.
 - 9:00—Freshman Promenade, Hotel Somerset.
- Monday, April 8
 - 5:00—M. I. T. A. A. Meeting, Committee Room, Walker.
- Tuesday, April 9
 - 6:00—T. E. N. Dinner, North Hall, Walker.

Undergraduate

SENIOR ENDOWMENT
Information on the Senior Endowment plan can be secured in Room 3-213 at any time.

TECH SHOW
A Tech Show skit-writers' meeting will be held in the West Lounge of Walker Memorial this afternoon at 5:00 o'clock. At this time, William C. Greene, Jr., will explain the dis-

tribution of prizes and the nature of the work to be done in the writing of the skits.

SOCCKER CANDIDATES
A soccer scrimmage will be held at 2:30 o'clock tomorrow in the drill field for all team candidates. All members of last year's Varsity and freshman teams are requested to come out for practice.

FACULTY SUGGESTS KEEPING UP WORK

(Continued from Page 1)

absences should not count adversely in making up the final grade for the course, provided these exceptional students do a designated minimum amount of the required assignments and attend all designated written quizzes.

In addition to these foregoing recommendations which cover the matters especially considered in the original reports of both the Faculty and Student Committees, the joint committee made the following suggestions.

In every subject, and particularly in the work of the first and second years, instructors be required at the beginning of the course to explain the purpose of the course, its relation to later professional work, and the help that it is expected to give in the mental development of the student.

Committee Suggested

For the consideration of such cases of general dissatisfaction with the methods of instruction in individual subjects or courses, and for the general promotion of cooperative relations of student and instructing staff, the committee recommended that a special group of members of the Faculty be appointed annually by the President to serve with a committee of students appointed each year by the Institute Committee. This would make the joint committee a permanent body which would investigate any criticism that might arise in regard to courses or student relations.

THE LOUNGER

(Continued from Page 2)

tortionist. Bad enough to get brain fever over the exams without getting broken backs while doing it.

* * * *

There is one thing that gets the Lounger's goat or would if he had one, and that is the way some of the best-rated professors apparently think they are mind-readers. Some of these profs are such damn poor listeners that they launch into a tirade of explanations that, instead of clearing up any doubt about a point, makes matters worse. Why in hell can't these mental Nummi's get hep to themselves and obtain an understanding of the student's question before spouting drool that has almost nothing to do with the information desired.

* * * *

While roaming around Walker the evening of the Pop Concert, the Lounger heard a peculiarly high pitched noise, and decided to investigate. Much to his amazement, he found Eddie Michelman with a very silly grin on his face—and what do you think? A sweet young thing was fixing his tie—and we always thought that the child was a typical woman hater.

ENJOY THE SPRING SOCIAL SEASON
In the Best Cars at the Lowest Rates
U-DRYVIT AUTO RENTAL, 6 Belvidere Street Boston

DORMS MAKE MERRY AT SPRING SMOKER

Guests Receive Attentions from Performers—Hamilton is Osculated

(Continued from Page 1)

hall and went to an adjoining room where refreshments of ham and spread sandwiches, doughnuts, and root beer were served. After the half-hour intermission, the program was resumed. Helen Feeney started off the second half with another song and dance act and was followed by Helen Sharon in an acrobatic dance. An anonymous member of the "Good News" company who had merely been visiting behind scenes, did the Varsity Drag and was accorded a thundering ovation. She encoored with a tap dance. Following came Ruth Tingley with more songs accompanied by the accordion. "Race Horse" Williams, negro monologist and dancer, was next on the program. His act received encore after encore. The next number consisted of more songs by Miss Ray, who was followed by Althea Barnes in a well-nigh-sensational cabaret act. The Sharon Sisters then gave another song and tap dance act. The concluding number was another muscle dance by Gene Phillips.

Smoker Ends With Raffle

After the acts a raffle of articles was held. Among the prizes were pennants, banners, pillows, Technique signups, Voo-Doo subscriptions, Dorm Dance and Spring Concert tickets, cartons of Camels, and a surprise package. The contents of the latter proved to be a bottle of Lydia Pinkham's Vegetable Compound. Following the raffle the audience returned to the dormitories. The few freshmen who were unfortunate enough to be caught, had to remain to clean up the hall.

GYM TEAM COMPLETES SUCCESSFUL SEASON

Five Varsity Stars Are Lost by Graduation This June

(Continued from Page 3)

petition that included the best performers in Intercollegiate ranks. tion before him and Coach Hincks will depend on him to carry the burden in that event next year.

Couper established a new M. I. T. record in the rope climb when he took first place with the time of 5 1/5 seconds, only to have Fairchild reduce this time by a fifth of a second the following week. In addition to climbing the rope, Couper has also given Reynolds plenty of competition on the rings.

Five Veterans Graduate

With the loss of Fairchild, Moore, Dolloff, Reynolds, and Couper, Coach Hincks is already drilling the remaining men for competition next year. Wells and Knapp will probably form the nucleus of the 1930 team with Fahnestock, Sidur, Platt, and Walker from this year's team to help to fill the vacancies. Sidur has developed very well on the rings in the short time he has been with the squad and should turn in some good performances next year. On the freshman squad Ashley, Barnett, Freeman, Neukirk, and Hartshorne have been doing good work and they will probably enter the New England Amateur meet at M. I. T. on May 4th.

The following is the record of the dual meets:

- M.I.T. 24—Princeton 30
- M.I.T. 33—U. of Penn 4
- M.I.T. 50—U. of Penn 4
- M.I.T. 32—Dartmouth 22
- M.I.T. 41—Temple 13
- M.I.T. 53—Bowdoin 1
- M.I.T. 22—Navy 32
- M.I.T. 255—Opponents 123

Graduate Students to Demonstrate Television at Electrical Seminar

Novel Method of Synchronization Features System Used at Institute

In a Seminar to be given some time in April, Henry R. Wengen, Harold E. Curtis, Francis C. Sweeney, and Peter J. Zugale, all graduate students, are going to demonstrate television. Actual images will be sent over a wire from one room to another. Television using two scanning discs on the same shaft has been tried at the Institute by Mr. Harry M. Lane, but this is the first time that a system having the transmitter and receiver remote from each other has been used.

A synchronous motor drives the Kipow disc at the transmitter. Light from a high power incandescent bulb shines on the image to be televised and is then reflected on a photoelectric cell. Selenium cells which were formerly used have a large time lag and were very unsatisfactory. The photoelectric cells now used have a coating of potassium of sodium hydride coated on the inside of a glass bulb. When light shines on this electrons are given off to an anode proportional to the intensity of the beam. After being amplified by three stages of low mu and three stages of high mu amplification the current that has passed through the cell is sent to the receiver.

Neon Tube Necessary

The signal is then impressed on the plate of a neon tube. This tube consists of two plates, very close together, in an atmosphere of neon gas, and has the property of glowing, the intensity of the illumination depending on the current applied. A scanning disc running at the same speed as that in the transmitter is placed before the tube and the image is seen through the holes of the rapidly revolving disc.

The problem of synchronizing the two discs has been one which has confronted and baffled engineers ever since experiments were first begun on television. Using synchronous motors is a possible solution, but even with this precaution to keep the discs revolving at the same speed the picture can be out of frame due to the motors being out of phase. This difficulty can be overcome by revolving the motor on its axis. Manual control of the speed is practically impossible if any degree of satisfaction and ease of control is desired. Westinghouse engineers have developed a method by which the speed of the discs is adjusted every revolution. However, this necessitates sending another signal on a different frequency than the one used for sending the picture.

Stroboscope Used

In the television receiver employed by the students, synchronization is manual, but a device has been added that greatly simplified the operation. A white line is painted on the disc and a small area of the disc around the center is illuminated by a neon tube connected to the same alternating current line that runs the transmission motor. When the two motors are running together the line appears as a perpendicular line intersecting a horizontal line. When the cross thus formed moves, a key is depressed and the lines come back to the original position. By this method it becomes very simple to keep the picture in frame.

Objects held before the transmitter appear greatly reduced in size at the receiving end, but the definition is remarkably good and a fair idea of three dimensions is obtained. Letters about three inches in size may easily be read at the receiving end. Experiments are now being made using different methods of synchronization, and different kinds of wire to connect the transmitter and receiver.

Lip Prints Found on Professorial Cranium

Caressing Professor Leicester F. Hamilton '14 and fondling him often, the entertainers at the Dormitory Smoker danced about in the center of the enthusiastic campus dwellers and their guests Wednesday night. The victim of their manifold "petting" was the chemistry professor who was sitting in a conspicuous position in the front row and after the smoke cleared away there were two rosy lip marks on the top of his forehead. Hartwell, Bridges and "S5" Ford appreciated the attention given to them, but it was a stroke of Professor Hamilton's foot which put one of the dancers to flight.

CREWS PRACTICE FOR RACE AT ANNAPOLIS

(Continued from Page 3)

shape, which will make the coming race one of the hottest in years.

Competition has been keen between the J. V.'s and the Varsity, the first boat having the edge only on the fast racing stroke. On the lower strokes, the light crew seems to be the stronger, and gives the Varsity a hard race.

Ineligibles Organized

An ineligible crew has also been started, which rows every night at 5 o'clock, and all men ineligible for the regulars are invited to come out any evening, and row with this crew.

Trailing the J. V.'s by about two lengths, the 150-pound crew has been made faster by changes in the last week, which, it is hoped, will cut down the lead of the faster J. V.'s. The two shifts were made in an effort to get a better combination, and increase the time of both crews.

Otis Evans, stroke of the Varsity, has been doing fine work in this position, especially on the fast stroke. He rowed on the yearling crew last year, and was one of the best oarsmen on the first freshman. Captain Tittman, captain of the Varsity, is also coming rapidly into shape for the coming race. Tittman, who has been rowing on the Varsity for two years, is rowing number six this year, and is one of the best oarsmen rowing for the Cardinal and Gray. Phil Holt, Dick Bennet, and Louis Evans, also members of the Varsity, have been doing outstanding work on the heavy crew.

CONDITIONS EXAMS HELD TOMORROW

Under the new plan the first of the condition and postponed final examinations will be given tomorrow.

The subjects in which tests will be given are: 6.01 Electrical Engineering Principles, 6.40 Elements of Electrical Engineering, 8.03 Physics, and EC56 Corporate Organization.

The examinations will begin at 2 o'clock in Room 3-440. Papers will be given only to those who have handed in application cards, as each examination paper has the name of a student on it.

Sailor Gets This Tobacco in Far Port

Buenos Aires, Argentine, Jan. 4, 1928

Larus & Bro. Co., Richmond, Va., U. S. A.

Gentlemen:
I'm a seafarer, and as such of course travel quite a lot. Right now I am in the Argentine, and am glad to say that I can here purchase your beloved Edgeworth Tobacco, of which I'm so very fond.

It is indeed a pity that one can't find this good smoke in every place of the seven seas. While recently in Germany, my home-country, I tried in vain to come upon one of these little blue tins. I'm not saying too much in mentioning that I would outwalk that famous mile, hunting up dear Edgeworth. I dare say there is no other tobacco like it, and am convinced that Edgeworth cannot be improved.

Let me know when you contemplate ceasing to make Edgeworth so that I may lay in a goodly store to last till I'm seventy.

May Edgeworth never change!
I'll always remain
Sincerely yours,
Willie Schmekies

Edgeworth
Extra High Grade Smoking Tobacco

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WIRES AND CABLES

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For College Parties

—small or large, The Modernistic Ballroom, for 300 guests. The Sun Room—accommodates 100. The Jewel Room—for 50 to 75, may be opened into the EGYPTIAN ROOM for dancing to Leo Reisman's music.

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