

T.C.A. QUOTA FOR ONLY DRIVE THIS YEAR TO BE \$2500

Dormitories and Fraternities To be Canvassed Monday Night

HAS THREE DAYS TO RUN

Having set \$2,500 as its quota, the Technology Christian Association will begin its annual drive for funds by canvassing the Dormitories and Fraternities next Monday evening. It is expected that the amount will be raised by 6 o'clock Thursday night, the time for the official close of the drive.

Buttons will again be worn by contributors, the design being the initials T. C. A. on a half cardinal and half red background. Envelopes will be passed out in class-rooms and in fraternities, each envelope containing a button, and the contributions will be returned with the envelope. Charts are being prepared which will show the progress of the individual dormitories, the fraternities, and the various courses.

Quota Increased

The \$2,500 that the executive committee of the drive has voted to be raised is somewhat larger than last year's quota. This, according to W. M. Ross, secretary of the T. C. A., is the result of the increased scope of the activity of the T. C. A., as well as the addition of another secretary, C. C. Shotts, who began his work here this term. Although there is no qualification as to the amount that may be donated, the amount subscribed by each student usually averages about two dollars. The first solicitation of the drive was made at the T. C. A. Cabinet meeting last week when the ten members gave a total of \$64.50.

Last year about \$2400 was solicited, compared with \$3600 the year before. It is pointed out that the net amount that the T. C. A. will receive will be less than the quota set, because of incidental expenses, unless the drive is oversubscribed.

LIBRARY PLANS NEW EXHIBITS THIS YEAR

To Start Series of Exhibits With Display of Mausoleum

In view of the interest shown by the students last year in the library exhibitions, Professor W. N. Seaver, librarian, proposes to have rare displays this fall that will eclipse those of previous years. The first one planned for this month is a miniature specimen of one of The Seven Wonders of the World. This relic is an exact copy of the famous mausoleum in Agra, India. Those following are displays of rare books including the Vail Collection, histories of various instruments, and several other exhibits that are still being worked on.

Last year a large number of the students were attracted by the Vail collection exhibits of rare books on "Early Electricity and Magnetism," "The History of the Compass" and "Early Aeronautics." Immediately after the eclipse last year another exhibition of literature was put on display which gave the students accurate information about the various phases of the phenomenon. Another exhibit that attracted many outsiders was the Tech Collection, at commencement exercises of the Class of 1925. The students are invited by the library officials to inspect the displays this year and further information about them can be obtained in the library.

SEVERAL MEN TEACH AT MIDDLESEX JAIL

Following the annual custom of sending men to jails, the T. C. A. Industrial Service, of which Edward Hartshorne '28, is the Manager will send several men to the Middlesex County Jail, in East Cambridge, on the first four days of each week. These men are to teach English and Mathematics. Among the men who are going will be H. N. Gold '28 and D. W. Crawford '27.

EDITORIAL

NEED FOR MEN IN ACTIVITIES

No. 1—Sports Managerships

DATA on the man-power available and the man-power needed in Institute athletics and activities is being collected for presentation in this space. The order of publication will be: sports managerships, sports, activities. The first of these summaries is presented below.

ACTIVITY MANAGERS

	Freshmen		Sophomores	
	Needed	Out	Needed	Out
BASKET BALL	3	1	—	2
BOXING	3	0	3	0
CREW	2	4	—	2
FENCING	3	0	—	1
GOLF	3	0	3	0
GYM	3	0	—	2
HOCKEY	3	0	—	2
RIFLE	3	0	3	0
SOCCER	3	0	3	0
SWIMMING	2	2	—	4
TRACK	3	3	—	2
TENNIS	3	0	3	0
WRESTLING	2	1	—	2

The above figures have been collected by the officials of the Athletic Association. Figures in bold face represent the needs that are most pressing. It of course follows that they too represent the best opportunities for new men.

We cannot recommend too strongly that the men in the two lower classes note with care all the data that is to be published here. It not only summarizes the the athletic and activity situation, but it is suggestive of opportunities. It is earnestly hoped that athletics and activities may be materially strengthened this year. It is proposed, therefore, to acquaint the undergraduate body with exact information about them, in this manner awakening additional interest and illustrating the extent and importance of athletics and activity participation.

Watch This Space

F. A. SCOTT SECOND ALDRED LECTURER

"Has the Average Engineer an Opportunity?" Title of Friday's Talk

"Has the Average Engineer an Opportunity?" will be the subject of the second Aldred lecture to be given by F. A. Scott, President of the Warner and Swasey Company, Friday at 3 o'clock in room 10-250.

Mr. Scott is also director of the Cleveland Trust Company and the White Sewing Machine Company both of Cleveland. In 1916 he was made a member of the Advisory Committee of the United States Naval Construction Board and during the World War acted as chairman of the Munition Standards Board which was later changed to the General Munitions Board.

The company of which he is president specializes in the making of delicate measuring instruments and gauges and machine tools for use in precise work. Mr. Scott is not a college graduate, his education in the Cleveland Public schools being supplemented only by private tutoring.

The lectures of the Aldred series are intended for Seniors and Graduate students whose classes are omitted during that hour, but others interested are invited to attend. The series was arranged by J. E. Aldred, a prominent engineer, in order to give senior students some insight into the problems which they must face when they leave college and enter the business world. Professor Vannevar Bush and A. D. Carothers '24 are assisting Mr. Aldred in arranging the lectures.

NO TECHNOLOGY MEN IN ARMISTICE PARADE

Students of Technology will not be represented in the Armistice day parade to be staged this afternoon at 2 o'clock. An attempt was made by C. C. Shotts, religious director of the T. C. A. to raise a delegation of students for the event, but it was abandoned owing to the fact that few students could be obtained who did not have classes this afternoon.

The parade is being made to emphasize the necessity of preserving peace. Most schools and religious organizations of Boston will be represented, including the Fellowship of Youth and the Red Cross. Participants will form on Dartmouth Street near Commonwealth, and will parade through the business district.

TO SHOW TWO FILMS AT CHEMICAL MOVIES

"Dynamite at Work" and "The Manufacturing of Asphalt Roofing," are the titles of pictures to be shown by the Organic Division of the Department of Chemistry Friday afternoon at 4:15 o'clock in 10-250. All interested are invited to attend.

The first movie is expected to be of considerable interest because of the many different phases of commercial life to which the use of dynamite has been applied with very great success. The use of such explosives for the wrecking of large buildings, removing of stumps, clearing of harbors, and for quarrying has been known for several years, but the DuPont film illustrates several new ways in which their product is now being used.

On the Friday following, another film on dynamite will be run, giving the complete story of the manufacture and uses of this product. The pictures on explosives have only been released a short time, according to officials of the DuPont Company.

The first film was furnished by the E. I. DuPont de Nemours Company, and shows some of the novel uses of the explosive which are not generally known. The second film was procured from the Certainteed Roofing Co.

Famous German Physicist to Deliver Lectures Here Beginning Next Monday

Lattice Theory of Rigid Bodies Subject of First Talk By Professor

Professor Max Born of the University of Göttingen, Germany, will deliver two series of lectures in the Department of Physics at the Institute from November 16th to December 24th and from January 3d to January 23rd in room 4-231.

According to Professor Paul Heymans, Professor Born is one of the most widely known physicists and his most outstanding work is the Quantum Mechanics and the theoretical development of crystal gratings. The lecturer is a native of Breslau, Germany and received his education at the University of Breslau, Heidelberg, Zurich, and Göttingen, obtaining his doctor's degree in 1906.

In 1907 Professor Born worked in the Cavendish Laboratory at Cambridge, England, and during the summer of 1912 was a lecturer at the Uni-

Class Battle Results In Slight Damage

Three splintered doors and a number of windows broken in the hangar, emptied fire extinguishers, and cut halyards on one of the flag poles constitute the damage done last Thursday evening according to Major Smith, Superintendent of Buildings. "The damage was slight," he declared, "and the classes are to be congratulated in not causing further wreckage."

Men were employed yesterday and Monday in completing repairs and the estimated cost of the work is placed at about \$200. "This," the superintendent stated, "does not include damage to clothing, of which, judging by the remnants strewn on the ground, there was considerable."

MUSICAL CLUBS TO PLAY AT FILENE'S

Specialty Acts Consist of Brass Quartette, Violin Soloist, And Piano Duet

Opening the year's program, the Combined Musical Clubs will deliver a concert tomorrow night at Filene's department store, beginning at 7:30 o'clock. There will be a number of specialty acts in addition to the selections by the Banjo, Mandolin, and Glee Clubs and the Tectonians. Before the concert the officers and leaders of the clubs will be tendered a supper by the Filene Entertainment Association.

Specialty acts for the concert include a brass quartette of two trombones and two cornets. W. H. Borghe-sani '26 and A. R. Keith '28 will play trombones while P. C. Davidson '26 and W. A. Witham '27 complete the quartette. Another number will be a violin solo by G. W. Smith '26 accompanied by G. W. Bates '26 on the piano. A piano duet by C. W. Clay '26 and H. L. King '29 has been arranged.

The Tectonians, who are being coached by "Dok" Eisenbourg, will play a specially arranged orchestration of "The Waters of Minnetonka" and "Yes Sir, That's my Baby," together with several other dance numbers. The jazz band will play for dancing which will follow the concert and continue until 11:30 o'clock.

With Raymond Mancha '26 leading, the Banjo Club will play several of the current dance numbers and will sing choruses of two. D. W. Grant '24, who is coaching the club, has written special arrangements which will be played at the concert, with four saxophones and the banjos.

"O Sole Mio," "Cuba," "Dawning" and "The Song of India" will be played by the Mandolin Club under the leadership of D. S. Cunningham '26. The Glee Club, coached by "Billy" Weston, have not as yet announced their program.

SERIES OF THREE FRESHMAN MEDICAL LECTURES PLANNED

Dr. Morse Will Deliver First Of Medical Lectures Tomorrow

NEXT TALK ON FIRST AID

First year men will be given general advice on how to keep physically fit by Dr. G. W. Morse of the Medical Department tomorrow afternoon at 4 o'clock in room 10-250.

This year, as in previous years, the Medical Department will give a series of three lectures to freshmen on medical subjects but attendance will not be compulsory as it has been. Dr. Morse's main object in the first lecture of this series is to acquaint the men with the work that his department is doing and get their co-operation.

Medical Attention Free

Most first year men know that payment of student tax entitles them to free medical attention, but many are not familiar with the work that the department is doing to prevent the growth and spread of disease at the Institute. Every one absent from classes due to illness is required to report at the Medical Department before again attending class. The department is arranging corrective classes for those found physically unfit to take an active part in athletics. The first lecture will also include advice on how to live, eat, as well as the subject of venereal diseases.

Dr. L. W. Croke will give the second lecture of the series on Thursday, November 13, on the subject of "First Aid to the Injured." This lecture will include demonstrations of bandaging and artificial respiration. The last lecture will be given Thursday, November 20, by Professor J. M. Bunker of the Biology Department on the subject of "Personal Hygiene and Public Health."

DANCING GIRLS AT THE DORM SMOKER

Revue Will Feature Affair to Be Held on Evening of November 20

A dancing girl revue, from the stage of a local theatre, will be the main attraction of the Dormitory Smoker to be held in the recreation hall of the Carr Fastener Company on the evening of Friday, November 20, according to an announcement made by the committee in charge yesterday. The hall is directly behind the Technology rifle range, entrance being gained through Ames Street.

The committee is laying special stress on the entertainment at this year's affair. In addition to the revue, the services of Lew Deane, an eccentric comedian have been obtained. An act of the Sophie Tucker type will also be given.

Music for the smoker will be furnished by a four piece orchestra which makes a specialty of such affairs. Refreshments will consist of sandwiches, cake and cider, the latter promising to be a predominant feature of the menu.

For two years past, the recreation hall of the Carr Fastener Company has been the scene of the annual Dormitory smoker.

CALENDAR

- Thursday, November 12
 - 4:00—Freshman lecture, room 10-250.
 - 7:30—Scabbard and Blade smoker, Faculty dining room, Walker.
- Friday, November 13
 - 3:00—Aldred Lecture, room 10-250.
 - 4:15—Chemical movies, room 10-250.
 - 8:00—Meeting, Electrical Engineering Soc., North Hall, Walker.
- Tuesday, November 17
 - 7:30—Smoker for new college transfer students, Faculty dining room, Walker.
 - 7:30—Mining Engineering Soc. smoker, West Lounge, Walker.
- Thursday, November 20
 - 8:00—Musical Clubs smoker, North Hall, Walker.
- Friday, November 20
 - 4:00—"Story of Dynamite," chemical movie, room 10-250.
 - 8:00—Catholic Club dance, Main Hall, Walker.
- Friday, December 4
 - 4:00—Dorm dance, Main Hall, Walker.

A Record of Continuous News Service for 44 Years



Official News Organ of the Undergraduates of Technology

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In charge of this issue: E. J. Gohr '26

THE PURPOSE OF HANDICAP TRACK MEETS

A HANDICAP track meet will be held this Saturday which will be the first of a series of such meets. The purpose of these meets is to furnish competition without the grill of long training so necessary to varsity track. Students who are ineligible for varsity competition due to the fact that they are transfer students or graduate students are therefore given an opportunity to enjoy competition and derive the benefit from the exercise.

Allowances or handicaps theoretically make it possible for every man entered to win the race, but it is impossible to give each man the correct handicap. All new men coming out are given the advantage unless they have some past track record which puts them on scratch. It is evident then that all competitors are given an equal chance.

The usual field events will be run off: 75 yd. dash, 150, 660, and mile and a half. Cups are to be given the winners of the separate events. In the field competition, cups will be awarded for the pole vault, discus throw, hammer throw, and shot put. In this manner the points are given to the members of the various classes themselves instead of presenting a trophy to the class. If anyone has any ability, come out and run: if the cups are no attraction, at least the exercise will do no harm.

COLLEGIATE BABBITTS

IN AN address before a convention of American Universities at New Haven a short time ago, President Lowell of Harvard is reported to have vigorously denounced a growing tendency toward idleness and slack work that he claims is prevalent in our colleges and universities. He believes that the college man is neglecting his classroom work in order to enter extra-curricular activities, and he fears that "business, politics, and other walks of life" are headed for eternal fire unless something can be found to wean the undergraduate—and Alumni—interest from athletics, dramatics, and publications back to the old fashioned academic attitude.

President Lowell's remarks express the opinions of a conservative group of educators, who are alarmed at the trend of modern business, politics, and the professions away from the cultural ideals of the past generation. There is the feeling that in life today there is too little stress placed upon the living of life itself, that buried beneath the apparently unchanged surface of our high-pressure existence is a trend toward spiritual and intellectual stagnation. It is the same fear that has prompted so many cynical novels and essays in the last few years, and produced the vitriolic characterization of "Mr. Babbitt" and the figure of "the butter and egg man."

It is not judicious participation in activities against which the reformers are railing; it is the over-indulgence of the individual student in that part of his college life which he believes will bring the largest financial return after he is graduated. The man who shirks his class room work to win fame as a runner, a journalist, or a business manager embodies all the reprehensible characteristics of the "go-getter" of whom "Mr. Babbitt" is the type, and it is the curtailment of such misdirected energy that President Lowell advocates. Moderate interest in activities is beneficial, but it should never be allowed to obscure the primary object of a college education.

PROFESSOR WARNS OF LOSS OF SCIENTIFIC IDEALISM

Men must not make a god of science, Prof. Alexander Findlay of the University of Aberdeen, Scotland, warned in an address at Columbia University closing the four-day interstate symposium of the American Chemical Society. Addressing a gathering of scientists and industrialists at a dinner in the Faculty Club, Prof. Findlay declared that industrialism should not destroy the individual, and that efficiency carried too far degenerated into lust. Science, he asserted, does not make the strongest appeal to thinking men; its claims should be advanced with moderation. The more eminent a man is in science the less successful he is likely to be in politics, said Prof. Findlay, urging scientists to

take a fuller share in the tasks of government. "While we may rejoice," he said, "that the importance of science in its applications to manufacturing and to the general activities of our workaday life has been so largely recognized, let us always bear in mind that the gospel of efficiency, though it may bring salvation to our industries, will, if carried into action without regard to higher considerations, be productive of great evil. "Efficiency calls for organization, and organization demands discipline. The loss of individual freedom, the suppression of the sense of individual responsibility, the destruction of the human values, and the conver-

(Continued on Page 4)

THE OPEN FORUM

Contributions to this department are welcome and it is the desire of the Editor to give it a more extended scope. Communications must be signed or they will not be considered for publication and must be in the office of THE TECH by 4 P. M. preceding an issue. It is to be distinctly understood that what is printed here is not necessarily an expression of editorial opinion. Communications of an undesirable nature will not be printed.

To the Editor: A few years ago a kindly gentleman who has been perhaps Technology's greatest friend and benefactor, paid a visit to the buildings made possible in large part by his generosity. In the course of his walks through the corridors and classrooms he noticed a number of cigarette butts lying about on the floors. He remarked on this as being out of accord with the spirit of Technology and suggested that it would please him if such evidences of thoughtlessness could be eliminated. He has made no other request of us. That man was George Eastman.

Here is the beginning of a real tradition,—the sort of thing old grads will remember in connection with the practice of removing the hat in Huntington Hall in old Rogers Building out of respect for William Barton Rogers who died there upon the platform; with the custom of rising during the singing of the Stein Song out of respect for Frederick Field Bullard '87, its composer, who died as a result of an illness aggravated by his attendance at the Pop Concert where it was first publicly played and adopted as a Tech song.

Why should there not also be established here the tradition, based on respect for and courtesy toward George Eastman, of refraining from smoking in the corridors,—or, if one must smoke, from disfiguring our halls with unsightly garbage. The motive back of the signs which appear in conspicuous places around the buildings requesting that there be no smoking in the corridors is not one of puritanical prohibition. The ruling is based on the desire felt by its makers to recognize the force of George Eastman's simple request. Every good Technology man who has the instincts of a gentleman will respect it and will use his influence to cause others to respect it.

No, it is not necessary to resort to the manufacture of concrete beavers and such, in order to have tradition. (Signed) K. REID, '18

To the Editor: Your editorial in Monday's issue of THE TECH concerning the unfortunate individual who forsook his profession for the pick and shovel is interesting and while I agree with you that a man owes it to his family and himself to earn as good a living as he can, I feel that you have overlooked one of the most important points in this connection.

In my opinion a higher and far more important obligation of the engineer is that which he owes to his profession and to society. It is for the engineer, the man who has had technical training and managerial experience, to practice "the art of organizing and

directing men and controlling the forces and materials of nature for the benefit of the human race."

In such work the value of the ditch digger is almost a cipher while it is not only the field but the duty of every engineer. (Signed) STUART JOHN '25

To the Editor:—

In preparing its printed report to the Institute Committee last spring, the Finance Committee apparently yielded to an urge to produce a verbose piece of literature rather than a volume of information. The only groups interested in the report were the activities, the Institute Committee, and the Alumni and Faculty advisory committees, and yet an expensive 32 page affair was necessary to explain to them that the Class B and Class C activities could save a little money by pooling their bank accounts. To one in touch with Tech, the carefully prepared graphs showing the financial progression and retrogression of certain of the larger activities were a piece of fine work—especially if he failed to notice the omission of the status of certain other activities.

It is hoped that such a serviceable, and accurate report will again be printed; that pulp mill orders will again be increased to present a couple of ideas. (Signed) A. G. McA. '26.

Play Directory

- BOSTON OPERA HOUSE: "The Miracle."—Charming portrayal of an old legend. CASTLE SQUARE: "Abie's Irish Rose."—They still seem to be making a go of it. COLONIAL: "Puzzles of 1925."—The last week. COPLEY: "The Creaking Chair."—Continues on its long run. HOLLIS: "Weeds."—The adventures of a hobo gang. NEW PARK: "The Grand Duchess and the Waiter."—Elsie Ferguson in a new comedy. MAJESTIC: "The Daughter of Rosie O'Grady."—Last five days. PLYMOUTH: "The Firebrand."—Also leaving this week. ROMANTIC: "The Student Prince."—Very good show. See it. TREMONT: "The Cocoanuts."—The Marx family amuses the public. WILBUR: "June Days."—Still another show leaving town.

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The Colonial Room. TEA DANCING, 3 TO 5.30 DINNER DANCING, 6 TO 8. No Cover Charge. Billy Lossez will direct his Colonial Orchestra personally every afternoon and evening. THE SHEPARD RESTAURANTS TREMONT AT WINTER STREET

Looking Backward

40 Years Ago This Week: The Technology football team's defeat of Tufts by the score of 110-0 goes a long way toward making up for the defeat by Yale with a score of 51-0 last week.

The Bicycle Club which is very popular this year has almost a hundred members. Several new models of bicycles have created sensations around the institute.

25 Years Ago This Week: During the 1900 rush one of the members of the freshman class, H. C. Moore was killed and another freshman is in the hospital on account of serious injuries. Both casualties occurred after the gun to stop fighting had fired.

10 Years Ago This Week: Since the freshmen offered almost no opposition to the Sophomores in the Field Day competitions, the Sophomores easily obtained a 9-0 victory. Tech Night at the Colonial which followed proved to be the most orderly one yet conducted.

The success of the tenth Annual Tech Show Banquet prophesies an exceptional Tech Show 1916.

Dr. E. A. Alderman, president of the University of Virginia, who considers the present scheme of entrance requirements "too wooden and too formal," thinks that in a quarter of a century an utter change will come over the system. He believes this change will be based upon intelligence tests and the psychological study of each entering candidate.

Washington and Lee University instituted intelligence test requirements at the beginning of the present college year.

SOCCER TEAM BATTLES HARVARD

VARSITY AND R.O.T.C. RIFLE TEAMS JOINED

According to a recent agreement between the Military Department and the M. I. T. A. A., the R. O. T. C. and the Varsity rifle team will be joined into one team. It is believed that this will give the Institute a more representative team, enabling them to win a large percentage of their meets. Under the new system, the team will shoot as a Varsity team in intercollegiate meets and as an R. O. T. C. team in inter-R. O. T. C. meets.

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NEW LOCATION

Greatly Improved Eleven Will Represent Technology In Game at Tech Field This Afternoon

A much improved soccer team will face Harvard this afternoon on Tech Field when the Engineers meet the Crimson in their annual game. With four men, heretofore lost to the team for various reasons, back in the lineup and bolstering the team to maximum strength the Institute kickers should make their best showing of the year against the neighbors from Harvard Square.

Harvard was on the long end of a 3 to 2 score last year, barely nosing out the Institute men, and this year's team is out to avenge this defeat of a year ago. Judging from past performances, however, the Harvard squad has the edge, having been beaten by Dartmouth by a smaller score than the Engineers. The Green team beat Harvard 5 to 1 while the best that the Beaver booters could do was to come out on the small end of a 10 to 1 score. Taking the Dartmouth game as a criterion is not exactly fair to the Engineers, however, as the team that faces Harvard this afternoon is a much different eleven than that which was snowed under by the Green team.

Germain and Kazazian in Line-up

Enger, a left halfback and a substitute on last year's eleven, sprained his foot in the first game of the season against New Hampshire State and has been out of the lineup ever since. He has recovered from his lameness, however, and will be ready to start this afternoon. Enger is a fast man and should prove a big help to the team.

Germain and Kazazian, both ineligible in the early part of the season, will be back in the lineup this afternoon, having overcome their scholastic difficulties. Kazazian fills the left fullback position while Germain is a right outside forward.

Marques, the fourth new man in the regular lineup this afternoon, will start at right inside forward. Lynn and Kao, also new men, may get in the game before the final whistle blows. Lynn plays left inside forward and Kao is a left halfback.

Arana and Jones at Half Back
The remainder of the team is made up of seasoned regulars with Hsin, Martinez, and Moe completing the list of forwards, Moe holding down the center position. Moe was the man who scored the lone tally against Dartmouth and he has played a stellar game all season.

The other half backs are Jones and the diminutive Captain Arana. Captain Arana, besides being one of the shining lights on the team, has had the responsibility of being a coach for the kickers all season. He is a fine man on the defence and is equally as good on the attack.

Young, the star defence man of the team, will be at his regular position of right fullback alongside of Kazazian.

At The Kickoff

M. I. T.	HARVARD
Flynn, g	Thomas, g
Young, rfb	Tarnowsky, rfb
Kazazian, ifb	Phaneus, ifb
Jones, rhb	MacKinnon, rhb
Arana (C), chb	Wickersham, chb
Enger, lhb	Rubin, lhb
Germain, or	Cherrard, or
Marques, ir	Gans, ir
Moe, cf	Trevett, cf
Martinez, il	Crooks, il
Hsin, ol	Driggs, ol

Young is playing his last year with the soccerites. Flynn, goalie, completes the starting list and it is expected that he will have his hands full warding off the thrusts by the fleet forwards on the Harvard team.

Since the Dartmouth game the team has been idle, no game having been scheduled for last Saturday, but Captain Arana has kept his charges busy practicing for this afternoon's contest with the Crimson. As this is the first home game the soccerites have played this season, it is expected that quite a crowd will be out to witness the contest. The game starts at 3:30 o'clock.

Saturday afternoon the Beaver kickers encounter Clark University on Tech Field and the team aims to duplicate the victory of last year over the Worcesterites.

HOCKEY PLAYERS MEET TOMORROW

Varsity Practice Starts On Next Monday—Frosh to Wait For Ice

With a mass meeting in room 1-190 called for tomorrow at 5 o'clock, the hockey team will start their season, which appears to be one of the best and hardest in recent years. Coach Bill Steward and Captain Johnny Deigan will outline the plans of the season to the Varsity and freshman candidates.

Varsity practice will start on Monday, November 16, while freshmen will not start until some time in December. All freshmen however are supposed to report at the meeting tomorrow, in order that a line on the prospects of the team may be obtained.

Attractive Frosh Schedule

Manager Carroll has arranged a fine schedule for the team this year, that will test their strength to the utmost. It includes games with Massachusetts Aggies, Bates, Bowdoin, Dartmouth, Cornell and Syracuse all away from home. There will also probably be games with Harvard, Boston University and Boston College at the Arena.

An attractive freshman schedule has also been arranged, and although practice for the frosh will be outside, the coach hopes to be able to get an early enough start to turn out a winning team. Competition for freshman assistant manager will also start with the mass meeting, so all frosh trying out for this position are to report then.

Spikes

Saturday's victory over Brown on the Franklin Park course has given the Varsity harriers just enough confidence to make them work like demons in the New England's on next Monday. It was the team's first victory of the season and it more than offsets the two previous defeats.

The New Hampshire hill and dalers have one of the best teams ever this year. Peaslee, their captain, is rated among the fastest men in intercollegiate circles, while Littlefield, the No. 2 man has only been defeated by his captain so far this year.

Although defeated by the Sophs on Field Day, the frosh relay team has brought to light some real stars in the making. Packard and Berman are two youngsters whose development it will be interesting to watch. The former did not run on Field Day but he is an exceptionally fast man.

BASKETBALL TEAM LOOKS PROMISING

Thirty Candidates Reporting Regularly For Practice In Hangar

Now that field day is over the undergraduate followers of Technology sports are interested in the fall sports. Of these the basketball team promises to be one of the most successful. Since the first call for men was issued about thirty aspirants for a place on the squad have been reporting faithfully to Coach MacCarthy at the Hangar.

During the first few weeks the hoopsters were put through their paces improving their shooting ability and building up their wind so as to be able to stand the rough treatment which the coach promises will be their lot for the future. Little scrimmage has been indulged in as yet as the season does not open until December fifth.

Several Fine Candidates Out

Of the men out for the team, Captain Bill Forrester and Ernie Hinck of last year's team are reasonably sure of their old berths. Both have shown their old skill at tossing the ball through the little hoop. There promises to be a hot fight for the other positions with Estes, Timmerman and Gains fighting for the other forward position. All three men are fast and accurate shots which is the thing that counts in basketball. Estes starred with last year's frosh and coach MacCarthy is grooming him for future seasons.

Among the more prominent candidates for the other positions are Biehle, Meyer, and Gerst. Biehle and Meyer are both big men and show exceptional skill in moving around the floor and have the necessary fight to make important assets to any team.

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NOTICES

OFFICIAL

FRESHMAN CREW

Contrary to previous notice all freshmen substituting crew for P. T. except the first freshman crew must report at boat house this week.

All freshmen should hand in class cards before Saturday.

UNDERGRADUATE

SENIOR PORTFOLIO PHOTOS

Appointments with Notman's Studio for Senior Technique pictures must be made before 2 tomorrow. The booth in the lobby is open daily from 12 to 2.

ELECTIONS

Nomination blanks for freshman class officers are due in the Information Office, Saturday, Nov. 14, before 1 o'clock. The form is outlined in the T. C. A. handbook.

DANCES

In addition to tickets received for the Girls' City Club Dances Friday evenings, the T. C. A. Social Division has received tickets for the Saturday night Dances of The Blue Triangle. The tickets may be obtained at the T. C. A. office, and when presented at the door with 35 cents will admit a student.

THE COMBINED MUSICAL CLUBS

Annual pictures will be taken at Notman's Studio, Harvard Square, tomorrow at 6. Members will come in Tuxedo.

FRESHMAN BASKETBALL ASSISTANTS

Competition is now open for freshman assistant manager of basketball. Report in Hangar any night at 5 o'clock. Three men are wanted.

TECH SHOW

There will be a cast and chorus rehearsal of Tech Show in North hall of Walker at 7.30 tomorrow.

SCABBARD AND BLADE

Scabbard and Blade are having a smoker in the Faculty dining room at 7:30 tomorrow. All R. O. T. C. men of the upper three classes are invited to be there. Colonel Phisterer and Lieutenant Levy will speak.

TRACK NOTICE

There will be a handicap track meet on Saturday November 14 made up of the following events: 75 yd. dash, 150 y. dash. 660 yd. run. 1 1-2 mile run, 45 yd. high hurdle, shot put, discus, and high jump.

VARSITY RIFLE TEAM

Practice for consolidated R. O. T. C. and Varsity rifle teams will be held Wednesday, Thursday and Friday afternoons from 1 to 5 o'clock. Varsity candidates who are not R. O. T. C. members please see Lieut. Levy.

HOCKEY MANAGER

Freshman desiring to try out for assistant manager of Hockey team see Manager Carroll, Thursday, in 1-190 at 5 o'clock, or in M. I. T. A. A. office any night next week at 5 o'clock.

TECH SHOW ORCHESTRA

A rehearsal of the Tech Show Orchestra will be held tonight at 8 o'clock in North Hall.

A. A. COMPETITIONS

All Sophomores and freshmen entering competition for Sports managerships are to report to G. S. Fresbie at the A. A. office, room 307, Walker Memorial at 5 in the afternoon this week.

MECHANICAL ENGINEERING SOCIETY

Nominations for chairman and sophomore assistant of the M. E. Society are open. All nominations should be on the standard form and should be handed in at the C. P. S. office on, or before, November 18.

CHEMICAL SOCIETY

There will be a meeting of the officers of the Chemical Society, November 13 at 5 o'clock in room 3-312.

DINING ROOM TABLES ARE NOT FOR COATS

Students are urged not to lay their cloaks and hats on the tables on entering the Walker dining room. Major Smith requests that the men check their apparel downstairs in the check-room provided for the purpose. The students must realize that visitors pass through the room all the time and its beauty is marred by the disagreeable sight of hats and coats on the tables. Co-operation in this respect will be greatly appreciated by the authorities.

DISLIKES DESTRUCTION OF SCIENTIFIC IDEALISM

(Continued from Page 2)

sion of man into a machine are too great a price to pay for industrial efficiency."

From this evil root there can too easily spring the ruthless materialism and lust of power of which recent history gives us an example, Professor Findlay went on. "Let us beware of making a god of scientific efficiency; it is enough, as also it is necessary, that we make it one of the articles of our creed.

"Powerful as the utilitarian appeal of science undoubtedly is, it does not, I believe, and in the highest interests of mankind and of our western civilization I hope never will, make the strongest appeal to the minds of thinking men or to men whose mental horizon lies beyond that of a purely materialistic existence.

"The great danger which we have to face in all our appeals to the community is that while proclaiming the great achievements of science in the creation of pecuniary gain and material prosperity, we lose sight of the idealism of science and destroy the true sense of values by raising the lower above the higher, the material above the spiritual. The real claim of science to fuller appreciation by the community is the cultural, the spiritual and the moral importance of science.

"The man of science may, in the words of Dr. A. D. Little, have 'moved the earth from the center of the universe to its proper place within the Cosmos'; may have 'extended the horizon of the mind until its sweep includes the 30,000 suns within the wisp of smoke in the constellation Hercules and the electrons in their orbits within the atom,' but as a legislator these achievements will avail him little.

FAULTS IN CASTINGS DETECTED BY X-RAYS

Norton Declares X-Ray Lab One of Best in Country

Very few students are aware of the fact that the Institute possesses one of the finest radiographic laboratories in the country, according to Professor J. T. Norton of the Department of Physics. The equipment is enclosed within a lead-lined vault so that complete safety is assured at all times to the operator. There is a periscope built-in so that observations can be made at any time and the angle of vision of this device is adjustable so that a complete view of the interior of the vault can be seen.

The apparatus is an X-ray instrument and it is used in conjunction with a special camera to photograph the gross interior structure of metal in various forms. Fractures, blow-holes and other defects in castings are clearly shown and thus, according to Professor Norton, the apparatus is invaluable to the manufacturer.

In addition to the research work there are classes for Seniors and graduate students in Radiography and all members of course II.



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