

NEW DIRECTOR OF RELIGIOUS WORK ASSUMES OFFICE

C. C. Shotts of Alabama is Here
As Assistant Secretary
Of the T. C. A.

HAS BROAD EXPERIENCE

Received B.S. From University
Of Alabama—Was Grad-
uate Student of Yale

C. C. Shotts, the new religious director of the Technology Christian Association, began his active work at the Institute on September 1. He was with the Technology delegation at the Silver Bay conference last June.

"Mr. Shotts is a big, fine looking man, standing around six feet in height, has a pleasing and stimulating personality and should prove to be a big favorite with the men here," is the statement given by W. M. Ross, general secretary of the T. C. A.

Mr. Shotts was graduated from the University of Alabama in 1922, receiving a B. S. in Electrical Engineering. He has been a member of the Y. M. C. A. Group in the Department of Religious Education and received his B.D. from Yale last June, but is not an ordained minister.

Played Football at Alabama

While an undergraduate in the University of Alabama he was Recording Secretary and President of the student Y. M. C. A. and during his senior year he was paid Assistant Secretary. During his four undergraduate years he led voluntary Bible Classes among Engineering students, also classes in World problems, and has had experience in Deputation Work, being elected as one of sixteen students to represent the Southern Field at the first meeting of their Field Council.

Mr. Shotts, while at Alabama, was a star on the football team and received his letter as well as a gold football charm. At the University he taught classes in auto ignition together with various Engineering subjects. His course at Yale consisted chiefly of sociology, teaching methods, and a study of student life.

The new assistant secretary's work will be to take charge of the Bible Study classes, Religious Meetings, Church Relations, Deputation, and the Industrial Service work, such as the teaching of prisoners

DR. R. J. ANDERSON GIVEN GOLD MEDAL

Received Degree of Doctor of
Science from Institute Last
Commencement

Dr. Robert J. Anderson, who received the degree of Doctor of Science from the Institute last spring, has been awarded the William H. McFadden Gold Medal, according to an announcement received from the national headquarters of the American Foundrymen's Association.

The formal award of the medal will be made on Thursday, October 9, at Syracuse, New York, at the Fall meeting of the Association. Dr. Anderson was selected as the recipient of the medal in recognition of his work in the non-ferrous casting industry and for his scientific contributions to the metallurgy of aluminum.

During the World War he was prominent as a metallurgical expert on materials for aircraft and for work on light aluminum alloys for the Liberty motor and recent all-metal planes. Dr. Anderson is considered as an authority in the automobile industry on aluminum and aluminum alloys for use in the construction of internal-combustion engines and motor cars. He was chief of the non-ferrous metals section at the Pittsburgh Station of the U. S. Bureau of mines during 1919-1924 and developed the metallurgical work of the Bureau at Pittsburgh.

For the benefit of new men at the Institute, this issue is devoted to the activities at Technology. Summaries, from which a man may learn of the advantages offered by each activity and from this decide upon the activity which he wishes to go out for will be found in this issue.

New T. C. A. Secretary
Aiding "Wallie" Ross



C. C. Shotts

"SOIL MECHANICS" COURSE OFFERED

To Be Given For Graduates By
Dr. Charles Terzaghi of
Czecho-Slovakia

Soil Mechanics, a new subject in the Institute curriculum, is now being offered to graduate students. It will be given by Dr. Charles Terzaghi, one of the very few authorities on the subject.

Dr. Terzaghi, although a Czecho-Slovak himself, is coming to this country from Constantinople where he has been lecturing. He is the writer of an authoritative work on the mechanics and physical properties of the soil. This book is probably the only one of its kind in existence.

The new course covers the whole field of recent scientific investigations relating to earthwork engineering. It is divided into two parts, the first dealing with the physical factors involved in earth pressure phenomena, which includes a study of all those physical properties of the soils which are of practical importance in connection with engineering operations, such as fluidity, plasticity, cohesion, internal friction, nature and effect of the colloidal content, permeability, movement of capillary water, hydro-static stress phenomena, and elasticity. A discussion of the physical causes of these properties is included. The second portion of the course will be devoted to a thorough and critical study of the various soil phenomena which are known to occur in connection with earthwork operations and foundation work.

This study is based on the results of modern soil research and will include the following topics: The relation between settlement and the bearing area of buildings, the interpretation of loading tests, a consideration of floating foundations extending over both uniformly compressible and unequally compressible ground, settlement due to local drainage of the ground, dynamic and static pile driving resistance, the effect of time on pile driving resistance, settlement of pile groups, hydro-dynamic stress in silt and mud deposits and their effect on the bearing capacity of the ground, quicksand phenomena, mechanics of landslides, stress conditions in hydraulic fill dams and weir foundations on permeable ground, with particular attention to the piping effect of the seepage water.

WILL OF ALUMNUS GIVES LARGE SUM TO THE INSTITUTE

Charles Eaton '85 of Haverhill
Bequeaths \$300,000 to
The Corporation

NO RESTRICTIONS NAMED

Had Already Given Large Sum
To Technology—Requested
No Publicity

Technology was the chief beneficiary in the will of Charles W. Eaton '85 of Haverhill, the terms of which were announced a short time before the opening of the fall semester. Mr. Eaton left practically all of his \$300,000 estate to the Corporation of the Institute for general use without restriction.

The Institute received many other gifts from Mr. Eaton during the past few years, but modestly required that no publicity be given them. Few persons outside the Corporation knew of his help. After visiting Camp Technology, the Civil Engineers' camp at East Machias, Maine several years ago, Mr. Eaton offered to prepare a baseball diamond there. His offer was accepted and he personally superintended the removal of an interfering hill and the construction of Eaton Field. The instructors' home at the camp was made possible by Mr. Eaton.

After graduating from Course I in 1885, he remained at the Institute for several years as an instructor in drawing. He entered harbor construction work soon afterward and after the close of the Spanish War did considerable of that work in Cuba, Porto Rico, and our own Gulf Coast.

He retired shortly after the death of Mrs. Eaton in 1917 and devoted most of his time to travel. Barred from the Army Engineers Corps by his age, he financed his own work in France with the Red Cross. His death came from over exertion when mountain-climbing in the West.

Subscription Drive For THE TECH Begins

Subscription books for THE TECH are now on sale and a concerted drive will be continued throughout the week. Men will be stationed in the Main Lobby to receive subscriptions, and free lance agents will be in the corridors of the Institute. The price of an annual subscription is \$2.50 to all, no reduction being allowed to men in the dormitories or fraternities, as has been the custom in past years.

As incentive to freshmen to purchase their books of tickets before Wednesday afternoon, the Managing Board announces that the price of one subscription will be refunded to one lucky freshman who is present at THE TECH rally in North Hall, Walker, Wednesday, at 5 o'clock. At the rally, all numbered receipts from the subscription books of freshmen will be placed in a hat, and one of these receipts drawn. The holder of the corresponding numbered book will be the recipient of \$2.50.



SUBSCRIBE TODAY

A Complimentary Issue

The first and second issues of THE TECH are being distributed free to the undergraduates so that they may have an opportunity to see what the paper has to offer them. The paper is crammed full of "live wire" News, Sports, and Intercollegiate News. It is through the Notice Column that all the Official and Activity notices are given out. By reading THE TECH you are informed of everything that is happening around the Institute and always on time.

Subscriptions will be on sale in the main lobby and at the business office, room 302 Walker all this week. The rate is \$2.50 for the college year. As single copies sell for five cents each you save \$2.50 during the year by subscribing. SUBSCRIBE TODAY.

INSTITUTE TO WELCOME NEW STUDENTS TODAY

At 1 o'clock today, all freshmen will meet in room 10-250, where they will be welcomed to the Institute by President S. W. Stratton, Dean H. P. Talbot '85, and Professor C. M. Spofford, Chairman of the Faculty.

As in previous years, the meeting will be brief, its primary purpose being to welcome the incoming men. In addition to the address of welcome, however, the students will receive general information regarding their work and Technology. The speakers will tell of the necessity of the new men to adopt themselves to college life, and stress the chief differences between Technology and other institutions of learning. The various activities will be discussed, and an effort will be made to impress the freshmen of the value of going out for some sport or activity.

It is expected that the men in charge of Field Day will also speak to the students about this important yearly event, and urge them to start the organization of their various teams as soon as possible.

SOPH CLASS HEAD WILL NOT RETURN

L. F. Bannon to be Absent
From Tech for Year—
Baker President

Lucas E. Bannon of North Hampton, N. H., elected president of the Junior Class last fall, will not return to Technology this year. According to the provisions of the constitution of the Undergraduate Association, L. F. Baker '27, vice president of the Junior Class, will succeed Bannon to the presidency. Baker was president of the Class of 1927 during the freshman year.

Bannon came to Technology in the fall of 1923 as a first year student by transfer from the University of New Hampshire. Since his coming to the Institute, he has been associated with many of the sporting events and teams here.

While a freshman, Bannon came into prominence as the coach of the yearling baseball team which at that time ran off with an easy victory as interclass baseball champions, the first time in a number of years that a freshman outfit had won such honors.

Last year, while a sophomore, Bannon gave his services to the Athletic Association as coach of the freshman basketball team. During the same year, he was active as coach of the Beaver Baseball team and was one of the sponsors of a plan to have varsity baseball recognized as an official sport at Technology.

T.C.A. ROOM REGISTRY WORK IS UNDER WAY

Inspection of Rooms is Made
And References Required

Over 825 letters have been sent out to people who have rooms for students by those in charge of the Technology Christian Association. In the letter the person listing a room is asked to give as a reference the name of a minister or a Technology Professor. The letters were sent out September 4 and the persons to whom addressed were asked to answer by Sept. 14. The reason for an early list is in order to give the members of the room registry a chance to investigate the character of the landlord.

E. R. deLuccia has charge of the Room Registry and together with several other members spent a week in visiting the various room listed. If the room was used by a student last year a report is asked from him and in this way a detail list which includes the number of windows, the number of people using a bath, and the character and personality of the landlady is fairly well known.

Persons listing rooms are asked to list only for one sex as the Association will not recommend a rooming house which is allowed to be used by both sexes. Also the persons are asked if they would be willing to take in foreign students and if so what nationality they prefer. In this way no embarrassment is caused by a landlady having to refuse a room to a student because of his nationality.

E. E. DEPARTMENT HONORS GROUP OF TWELVE STUDENTS

Would Allow Students Special
Privileges in Following
Course of Study

MEN ENDORSE PROJECT

Plan Called an Outstanding
Development in Modern
Education

For the first time in the history of the Institute special privileges have been offered by the Electrical Engineering department to a group of twelve students selected because of scholastic standing. A letter explaining the purpose and opportunities of the plan was sent to each student by Professor Jackson who is sponsoring the idea. Practically all the men replied favorably, in spite of the fact that even the most optimistic members of the faculty expected not more than nine or ten to respond.

The plan provides for what might be called an undergraduate seminar group. It secures more flexibility of program for the students involved than would otherwise be possible. It is intended to bring into undergraduate work the individual interest and fertility usually considered as being available only in graduate work.

To Hold Conference Groups

The students in the group may attend regular classes, as they prefer, but will be expected to pass the usual term examinations. This should be readily done in view of the special reading proposed. Of the home problems assigned the students will be privileged to work such ones as they please; they will be encouraged to spend time over the details of only those which illustrate new principles to them, thus avoiding loss of time by unnecessary repetition. However, all will be expected to do the work in the weekly problem section.

A notable departure from the regular work will be offered in the laboratory exercises. This work, instead of consisting of a series of independent assignments, will consist of a general assignment relating to the principles of construction and the characteristics of the circuits, instruments, and machinery treated during the term, with the time and method of work largely determined by the interest of each individual student, who will carry on under the advice and direction of a Conference Adviser.

Desire Orderly Progress

In order that the student's progress may be orderly and any difficulties encountered may be courageously faced and overcome, a conference of an hour and a half each week will be held between the group and a member of the faculty learned in the subjects for the term, in which conferences the progress and the difficulties will be mutually discussed. A different Conference Adviser will be assigned for each term, which will enable the group to become intimate with the modes of action and learning of a number of the faculty members during the Junior and Senior years.

F. W. Greer '25, Married During Past Summer

With Smith, Technology, Harvard, Yale, and Boston University represented in the bridal party, considerable college interest was created this summer in the marriage of Miss Eleanor H. Fuller and F. W. Greer '25, in the Still Water Baptist Church at Harvard.

The bride is a graduate of Smith College where she devoted special attention to art studies and was a member of the Studio Club and of the Oriental Society. Mr. Greer was best known at the Institute as a wrestler, making the freshman team during his first year and the Varsity team of the three succeeding years.

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2. Exhibit approved registration card and exchange address card for roll cards at Bursar's Office before 5 o'clock today.

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News and Editorial—Room 3, Walker
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SUBSCRIPTION PRICE, \$2.50 PER YEAR
Published every Monday, Wednesday and
Friday during the college year
Entered as Second Class Matter at the
Boston Post Office
Member of Eastern Intercollegiate
Newspaper Association

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THE OUTLOOK

WHILE today officially marks the opening of the school year, sufficient men have been back, enough news extant, and enough activities underway in advance to give indication of the enthusiasm with which the year is getting under way. It can be said, after a close observation of men and matters over the past week and a half, that the outlook for the forthcoming year is better than it has been for the past several years, that there is more enthusiasm, better material, and in general a better "get-away."

The new group of men coming in seems to be of high calibre, willing and anxious to get into affairs. The freshmen, particularly, seem to us to be a more excellent group than we have hitherto seen. The work of several activities this summer in sending advance publications and letters to the entering men has had a splendid effect by giving them advance ideas of Institute affairs and spirit and by putting them in a progressive frame of mind. So it is reasonable to assume that the personal equation is tending to throw the composite curve of undergraduate activity and excellence to an upward slope this year. Those who would call this a decadent period will have to change their tune.

Furthermore, so far as it has been possible to ascertain, all the student organizations are in the best of condition with the possible exception of one or two. The Institute Committee has a group of personable and capable men. There is good material for the committees.

So with the machinery of student affairs in good condition and well oiled it only remains for sharp watching and progressive energy to make it produce results. We urge a close attention to details. Too often a vain search is made for some big issue at the expense of the all-important small details; attempt to pull a "front-page" coup d'état sometimes results in neglect of routine necessities.

ODIOUS COMPARISONS

THE problem of college paternalism—or maternalism—has been an issue of long standing in American institutions. The tendency seems toward less regulation of student conduct, toward a laissez faire attitude. A point in favor of this tendency that has often been brought up is the European method of education which produces such excellent results. The following excerpt may throw a different light on this point of comparison:

"Dealings between the masculine and feminine elements of the university (Oxford, England) in particular are hedged about with regulations. It is a misdemeanor, punishable by fine, for a man and a woman undergraduate to be found in each other's company, whether on the street, in the local tea rooms or on the river, without the presence of a third person, such as another woman undergraduate, who may be regarded as qualified to act as chaperon."

To the undergraduate of the larger American colleges this is drastic tyranny. The American colleges have gone much further in their policy of laissez faire. The question properly arises, have they gone too far? By adopting their present methods have they given up a certain rigidity in their educational process, have they aided the student by leaving him to his own control? At any rate the result has been a student typified by the variety of his interests as opposed to the English ideal of a student immersed completely in the sea of learning.

Intercollegiates

Michigan may send a debate team to England next spring if present plans of Prof. T. C. Trueblood of the public speaking department of that university are carried out.

The trip should be completed by the first of June, at a cost of not more than \$1,500, which guarantees would certainly assure them success. The surety offered by Oxford in future years will be sufficient to aid in a way towards the financing of the trip. If such guarantees are obtained the trip will be carried out.

Glenn Frank, thirty-eight year old editor of the Century Magazine, recently accepted the presidency of the University of Wisconsin, and now

takes his position as the nation's youngest university president.

Mr. Frank is widely experienced in matters of collegiate administration, serving as assistant to the president of Northwestern University for four years. He also was engaged for three years in research and organization work with Edward E. Filene, and has been associated with the Century magazine for six years, the last four as editor-in-chief.

Technology's collection of alleged motor cars, mostly antediluvian specimens of bric-a-brac of that recent species named by its discoverer, the Collegiate Ford, would be doomed to extinction if the ruling recently made by the Faculty of the University of Oklahoma were put into effect here.

A rule had been established at Oklahoma in past years, but so many students obtained permits to retain their cars that the rule was practically inoperative.

Believes Atomic Energy Will Be Available Soon

Professor Norton's Statement Based on Discovery of German Scientist

The release of atomic energy is a possibility of the near future, according to a statement made to the press this summer by Professor J. F. Norton, as a result of the recent discovery of Dr. Adolf Miethe of Germany.

Dr. Miethe, through the agency of a mercury arc lamp, has succeeded in realizing the dream of the old alchemists, and has transmuted mercury to gold. The discovery was made quite by accident when he was experimenting to determine the effect of ultra-violet rays on mercury vapor.

The transmutation was effected by shooting from the mercury atom three protons and two electrons from the nucleus and one extra-nuclear electron. There is no fear of the discovery destroying the gold standard, since the cost of producing the synthetic product is several thousand times that of the mine product, due to the immense amount of energy necessary to effect the change.

It is from this latter fact that scientists hope to obtain the secret of releasing atomic energy. If it takes so great an amount to convert mercury to gold, that energy ought to be released when gold is converted to mercury. If a method is found of reducing atoms to lower forms, it has been calculated that the energy produced by changing the hydrogen in a glass of water to helium is sufficient to run a modern ocean liner at full speed across the Atlantic and back.

THE EDITORIAL SPECULUM

Many students are agog over the lateness of the forthcoming Christmas recess. That the matter has created so much discussion this early is indicative of the explosive disapproval of the delayed holiday. The general opinion seems to be that the new schedule is a preposterous usurpation of a necessary and customary vacation right, and so much gusto accompanies this opinion that we fear a great deal of dissatisfaction and "gutting" this term.

Dartmouth to Give Only An Academic Degree This Year

Hereafter, President Hopkins announces, students in Dartmouth College will either become bachelors of arts or bachelors of nothing. There will be no further insistence at Dartmouth on the idea that simply because a freshman comes to Hanover without having studied Latin for four full years in high school, he must of necessity be required to become a bachelor of science. Such a boy, says President Hopkins, shall no longer be required to specialize to any extent in science unless he personally, and of his own free will, desires to do so. He may, if he prefers, follow all the courses of a cultural nature which he is fitted to undertake. Conversely, the mere fact that a boy has studied Latin for four years in high school will no longer be deemed at Hanover a sufficient reason for hampering him in any wise in the study of science during his college years, if it be truly the sciences which he prefers to study most intensively.

If a college really believes in the value and merit of its instruction in all departments of the faculty—whether literary, political, or scientific—why not let it express that faith by granting one degree to all men who study in those departments, regardless of the question whether thirty-three per cent of their courses are in the field of science, or only twenty-seven per cent?

Dartmouth has taken the position that it is the cultural ideal which it puts first, and that cultural ideal is best labeled by use of the B. A. degree. Dartmouth will gain in achievement by thus clarifying and simplifying its aim.—Boston Transcript.

PLAY DIRECTORY

COLONIAL: Ziegfeld Follies. Principally W. C. Fields.
COPLEY: "The Jeffersons." Comedy of an English mill town.
HOLLIS: "American Born." George M. Cohan. Good.
MAJESTIC: "Rose Marie." Still continuing merrily.
NEW PARK: "The Gorilla." Amusing travesty on thrillers.
SHUBERT: "The Student Prince." The best show in Boston.
WILBUR: "What Price Glory." Highly seasoned—very—in New York.

Professor-Emeritus Gaetano Lanza Had Won Wide Recognition As Teacher of Science

Professor-Emeritus Gaetano Lanza, who has recently been honored by a tablet erected in building 3 commemorating his services to Technology, is best known at the Institute as the man who guided the development of the Mechanical Engineering Department during more than half its existence. He came to Technology in 1872 and served continuously until he was made Professor-Emeritus in 1911.

Professor Lanza was born in Boston on September 26, 1848. His father was an Italian count who came to the United States as teacher of Languages following a political disturbance in Italy, and married Miss Mary A. Paddock of Vermont. The younger Lanza received his education at the University of Virginia, where his father held the chair of Professor of Languages, and was awarded his C. E. degree in 1869, B. S., C. E., and M. E. in 1870. He is a member of the Virginia Chapter of Phi Beta Kappa.

Following his graduation from Virginia, Professor Lanza became an assistant instructor of mathematics at that institution, resigning in 1872 to come to Technology as an instructor. He taught mathematics for a short time, but soon began to teach mechanics, becoming Professor of Theoretical and Applied Mechanics in 1875.

In 1883 the head of the Mechanical Engineering Department having resigned, Professor Lanza was put in charge of the department. The department had not been in existence many years and was very small. It developed at the old building under his guidance until it had gained considerable prestige, and ranked with

any in the country at the time of his retirement in July 1911.

Mrs. Lanza was a Virginian, Miss Jennie D. Miller of Charlottesville whom the professor married January 29, 1891.

After leaving the Institute, Professor Lanza became connected with the Baldwin Locomotive Works as technical expert and consulting engineer. He remained with this company for a number of years until his health compelled his retirement from active work a few years ago. He now lives in Philadelphia.

Italy honored Professor Lanza in 1907, when he was created Cavaliere delle Ordinedei Santi Maurizio e Lazzaro of Italy.

During his active career, the professor has written a number of books, papers and pamphlets. The best known of these are his textbooks, the Dynamics of Machinery and Applied Mechanics.

Many of the scientific and academic societies number Professor Lanza among their members. He is a fellow of the American Academy of Arts and Sciences, a member of Circolo Matematico di Palermo, Società del Progresso delle Scienze, American Society of Mechanical Engineers, Boston Society of Civil Engineers, American Mathematical Society, Society of Arts of the Massachusetts Institute of Technology, International Association of Testing Materials, Franklin Institute, where he is associate editor of its journal, and of the Mathematical and Physical Club. He served as president of the last named organization from 1906 to 1911.

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Dividend Checks for last year's purchases will be ready for distribution October 19, 1925. The dividend paid on last year's business is 10% on cash purchases and 8% on charge purchases.

Checks are cashed. Charge accounts are opened } for "COOP" members only.

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WHAT THE ACTIVITIES HAVE TO OFFER

COMBINED MUSICAL CLUBS

By F. A. Mesker '27, Publicity Manager

With the advent of the Class of 1929, the Combined Musical Clubs hope to draw new blood and to thus replenish and fortify the musical talent composing the various clubs so that not only will the loss of a considerable amount of musical ability as a result of graduation of a number of the club members last June be made up for, but the addition of much that is new and original will result. It is extraordinary how many men in such a large group as the new freshman delegation really have ability along musical lines. The Combined Clubs urge all freshmen to come out and display that ability and share in the enjoyment which results from being one of this organization.

As its name suggests the Combined Musical Clubs is a combination of four musical organizations; the Glee Club, the Banjo Club, the Mandolin Club, and the dance orchestra which is now known as "The Tectonians." A special need of tenors is felt in the Glee Club so that that organization hopes to see a goodly number of them at rehearsals this fall and that the men will be sufficiently interested in the club to stay throughout the year. On the Banjo and Mandolin Clubs there is also room for cellists, violinists, saxophone players and pianists to accompany the clubs so that no freshman should fail to come out for either club just because he does not play a banjo or mandolin. Naturally, the dance orchestra is a popular branch. Last season, the men made an enviable reputation for themselves and are planning bigger and better things for the coming season.

Desire Original Acts

Perhaps one of the greatest desires of the clubs is to get some entirely new and original specialty numbers for their concert programs. Any freshman who can perform on any kind of foreign instrument, whether national or merely odd, or any man who can exhibit clever dancing or any extraordinary stage tricks will be urgently sought by the clubs. Besides specialty numbers of a musical nature, the clubs are more than pleased to stage some act of a non-musical nature at their concerts in order to vary the program.

The social advantages of the clubs are perhaps unequalled by any other organization at the Institute. Besides getting to know the many men on the clubs intimately, the travels of the clubs to their various concerts make it possible to meet a wide range of people from inmates of girls' finishing school to the business men of Boston. Furthermore, the clubs do a great deal toward upholding the social standing of Technology. The four biggest social events of the year are run by the Combined Clubs: the Fall, Winter and Spring Concerts and the Dartmouth concert. These affairs are usually held in one of the prominent Boston hotels.

Among the other important engagements composing the program of the (Continued on Page 6)

WALKER MEMORIAL COMMITTEE

By H. W. Jones '26, Chairman

To a student entering the Institute in these times, no picture is presented of the tremendous efforts put forth by its founders and staunch supporters to create the conveniences we are privileged to enjoy. As one of the results of their successful efforts Walker Memorial now stands as the pride of every Technology man, and stands unexcelled in its beauty and equipment. The functions of this building rest entirely within the hands of the students who are represented by a group known as the "Walker Memorial Committee"—an activity open to all.

To prevent conflicts between various functions and to insure proper management of the building, a group of students known as "The Walker Memorial Committee" are in charge. This committee sees that everything is kept in good condition and makes all the assignments for any rooms or halls which may be desired. In addition to the Memorial, they also have supervision of the assignments for the Naval Hangar, and tennis courts, and supervision of publicity campaigns and bulletin boards to insure impartiality. When dances or similar functions are given, one or two members are always present to see that no traditions are violated.

Each class is represented on the committee which is headed by a senior known as the chairman. This capacity also entitles him to a seat in the Institute Committee and in the Executive Committee of The Institute. This activity, as all other competitive, the one senior chosen from the junior representatives, the juniors being chosen from the sophomore representatives, and the sophomores from the freshman representatives. Competition for the freshmen will be announced at the beginning of the second term.

THE TECH AS AN ACTIVITY

When reading the expositions of the various activities as printed in this paper, do not forget that this paper itself is one of the biggest of the group. Three mornings a week, THE TECH is delivered at the dormitories, fraternity houses and professors' offices, while at eight-thirty in the morning, enough to supply the non-fraternity and non-dormitory men are placed on the stands. THE TECH is run just as is a Metropolitan Daily paper. The business department is handled in the same manner as any strictly commercial business of the same size.

THE TECH has room for twenty or more live freshmen in the various departments. Every freshman coming out at this time has an equal chance of holding down a Managing Board position in his Senior year.

In the News or Sports end of the paper, men get experience at interviewing men which can be secured in no other way. It has been stated that one of the weakest points of a Technology man is his lack of ability to express himself on paper. Writing News stories gives a man endless practice at saying what he has to say in the clearest and most concise manner.

Every graduate has to sell himself to his employer. Salesmen can be made as well as born, and selling advertising is one of the best known ways of learning salesmanship. THE TECH is supported by the advertising which is in the greatest part, sold by undergraduates. The other divisions of the Business Department, i.e., the Circulation and Treasury departments furnish a training that is equaled only by a course at a large business college.

The Editorial and Features Divisions offer an opportunity to express one's own ideas that is out of the question in writing a News Story. In general, Editorial writing is left to men who have been at the Institute two or three years, but a man who is interested in that sort of work can do feature writing, and then as time goes on, transfer to the editorial work.

Lastly, if you have not decided yet what activity you wish to try out for, THE TECH offers an unequalled opportunity to look over the other activities. Six weeks work interviewing the publicity managers of the other activities will give one an insight into the advantages and disadvantages of the work done by those activities that can be derived in no other way.

The competition that is being formally opened at this time will run for the coming eight weeks, at which time the successful candidates will be elected to the staff of their various departments. Call at room 302 or room 3, Walker Memorial, and interview any of the men you find there. Any of them will gladly give you any information you may be seeking.

COMBINED PROFESSIONAL SOCIETIES

By Stuart John '26, Chairman

The connecting link between the theory of the class room and the practical problems and relations of the broad field of engineering is the student's professional society.

At Technology there are nine such societies whose aim it is to give their student members a true idea of actual engineering as opposed to the more purely theoretical aspects of the subjects which must necessarily crowd the class room hours.

In general the societies try to accomplish the desired end by interesting the unusually big men of the engineering field to come to the Institute and speak to the members of the particular society at their meetings on subjects of general or special interest and by taking trips to nearby industrial establishments to get first hand information concerning the way in which practical engineers solve their problems.

In many instances the student engineering societies organized at the Institute have become affiliated with the great national engineering societies which are the very backbone of the industry. To mention only two, there are, at the Institute, student branches of the American Society of Mechanical Engineers and the American Institute of Electrical Engineers. A number of the other student societies—practically one for every course—serve as the local representatives of their national prototypes.

Some of the societies, with a view to preparing their members to assume active roles in the national institutions, have encouraged the students to take a more active part in the local society. It has been tried, with considerable success, having the students themselves prepare talks upon some phase of engineering with which they have become familiar. The idea behind this plan has been to make the students more than mere passive recipients of sugar coated learning. It is becoming, more and more, to be realized that the more a man is willing to give to his profession the more will be returned to him. Engineers everywhere realize the value of being recognized by one's fellows as a real contributor to his profession.

The Combined Professional Societies is an organization through which the several separate organizations may co-operate and, to some extent, co-ordinate their activities. The most notable event which it, as a separate activity, promotes is the annual Open House Night.

THE TECHNOLOGY CHRISTIAN ASSOCIATION

By J. H. Wills '26, President

Forget it! Forget that you have heard it said that this school is so hard. The quicker you Freshmen get that idea out of your minds, the better you will do and the more enjoyable time you will have. For although we all realize that Technology is by no means a "snap" school, we make it a great deal more difficult for ourselves by continually being appalled at the amount of work to be done. Get interested in your studies, and by all means get interested in some work apart from your studies. You will be surprised at the "whale of a difference" just a few hours a week, spent in some activity work, makes. I remind you that qualification for the coveted membership in the national honorary engineering fraternity depends not only on scholastic averages, but also on activity records, and the characteristics which you have been told activities help to develop—personality, leadership, loyalty, etc.

The Technology Christian Association offers an excellent opportunity to get the kind of diversion from school work that is needed to engender these characteristics, as you may readily see from a consideration of the following paragraphs.

You have been put in touch with an upperclassman who has helped you, or has been very willing to help you during the last few weeks. You have received a Handbook which gives you information you need; you have secured just the kind of room you desired. Perhaps you have purchased some second-hand books from the room in the basement of Walker. Perhaps you will receive an invitation from one of the churches to attend a social gathering of young people. These are all a part of "T. C. A. Service" and throughout the year you (Continued on Page 6)

Every student owes it to himself to consider seriously whether and how he can participate in athletics or the various activities. The first should mean a sounder body; the second, useful experience and pleasant contacts. Academic success is consistent with both, provided always that good judgment is exercised in the apportionment of one's time and energy.

H. P. TALBOT '25, Dean

tractive characteristic of the work is that as a rule you can make it your job mean just as much as you wish to. You can use your initiative and ingenuity in not only doing the things that are usually done each year in a better way, but you can often add much to the service that is new. The next time that you have occasion to come to the front office of the T. C. A., drop around to the back office and see "Wally" or "Buck" our secretaries. You are a rare, unusual sort of a person if you do not have some material reason for coming to the one of our offices, but if you are such, we especially want to see you. You will be glad you came, I can assure you. Our secretaries are two of the best secretaries in New England; I know, because I have seen others.

TECH SHOW

By M. A. Collins '27, Publicity Manager

Every year the undergraduate body produces a musical comedy that is played both here in Boston and in other eastern cities. This show is called TECH SHOW and is written, acted, and managed entirely by the students. The Boston performance is given at the Opera House during junior week and this year's trip will come in February between scholastic terms. Instead of the usual New-York, Hartford, Northampton (Smith College) trip it is probable that a Northampton, Rochester, Schenectady, Buffalo trip will be substituted.

Here is the best possible opportunity for real fun. Everyone is urged to try out for the cast, chorus, or ballet. All kinds, all types are needed in these three departments, there is a place for everyone. Who shall make the Show is decided by competition. Anyone who can dance, sing, or act should try out by all means. The chances are good. Not only will a lot of fun be gotten out of it, but in Tech Show the true purpose of activities—the extension of one's circle of friends, the formation of friendships in congenial work—finds its place in the mere numbers engaged. Under professional coaching self-confidence, poise, and ease will be obtained, all of which will remain as a valuable asset even after graduation. Thus all classes, freshman and upper-classmen are urged to answer the call to be issued shortly, for applicants for the cast, chorus, and Ballet of the show.

In any of the five managerial departments, business, publicity, stage, music, or mail advertising, there are excellent opportunities of obtaining practical business methods outside the scope of the usual scholastic experience.

This year the competitions in all departments are open to both freshmen and sophomores. The Junior Board of Managers is picked at the end of two years competition. Anyone who would like to enter the competition in any department is advised to report as soon as possible to the show office and interview the manager of his department. The office is open after five o'clock.

VOO DOO

By B. P. Lambert '26, General Manager

We do not find it embarrassing to be called upon to extol our virtues: the limitations of time and space merely cause us to fear that we cannot do justice to ourselves. But Virtue will be recognized as Virtue, and although our adjectives may not be sufficiently eloquent for self-description, we may regard tea-room and billiard-hall gossip as accessories to our cause.

For the illumination of those to whom our fame has not penetrated, Voo Doo is the comic publication of the Institute. Its objective is to cheer the lengthy faces of our dolorous classmates. And in realizing this high-founded purpose, the editors and their associates are commensurated in many ways.

They toil in an atmosphere of essentially good fellowship. Voo Doo is careful of the personnel of the staff, believing that only through such a policy can a congenial group be obtained who will co-ordinately work for the best ends of the publication.

Offers Unique Opportunities

The literary and art departments offer unique opportunities for expression. The average candidate is however expected to be inexperienced in the comic field. The Managing, Literary, and Art Editors endeavor to become personally acquainted with these men and do all in their power to assist their development. College humor is gaining broad recognition at the present time through such pages as Judge's "With the Cheer Leaders" and the magazines devoted entirely to reprinting college material. Also many former college comic men are now earning respectable sums in the humorous field.

The financial success and duration of the paper is dependent upon the Business Department. Advertising is "the life of the paper" and offers real opportunities for practical experience. (Continued on Page 6)

THE TECH ENGINEERING NEWS

By C. A. Harrison '26, General Manager

THE TECH ENGINEERING NEWS is the engineering publication of the undergraduates of the Massachusetts Institute of Technology. It is published monthly throughout the school year by the undergraduates.

As an activity, THE TECH ENGINEERING NEWS offers all of the usual activity advantages. It gives a contact with men around the Institute, a chance to work with other Institute men and the experience, poise and the executive ability which can come only from working with other men. There is on T. E. N. a social side that has always proved attractive and it is this phase of undergraduate life which proves the most pleasant and which, in after years, will be looked back upon with pleasure.

But THE TECH ENGINEERING NEWS is more than an activity. The work upon it is of such a nature that it brings the men into contact with the worlds of science and industry. In the Editorial Department the men must be up to date on the latest developments and be informed as to what is going on in all the fields of endeavor that will be of interest to Tech men. They also come into contact with prominent men in various fields of endeavor in getting articles to be published in THE TECH ENGINEERING NEWS. In the Advertising and Business Departments, the men are continually coming into contact with leaders in American industries and have chances to make many friendships which offer great possibilities. In addition to these outside contacts, there is the administration of the routine of the publication. This side of the work offers experience in office management and executive control. It is valuable experience to any man and especially for an engineer who is inclined to be more or less technical. It gives him experience that will prove very valuable later.

There is a place for every man on T. E. N. regardless of his aptitudes and capabilities, previous experience or lack of it. Why not come around to the office in the basement of Walker and let us outline the work to you.

TECHNIQUE

By A. B. Brand '26, General Manager

From the staid and sober office under the skylights of Walker the Snique looks out over the new men of '29 and muses inwardly—for somewhere in that great body of personalities are a number of men whose names will go down in Institute history as men of ability who have directed their efforts towards the producing of a yearbook. Snique knows that there are men there who will uphold her longstanding prestige, preserve her traditions, and bring credit to the school. Somewhere in this newly appeared multitude is latent ability, energy, and promise and Snique takes this opportunity to present as well as she can an idea of what advantages and experience she can offer to those who may choose to interest themselves in her welfare.

The organization of Technique is divided into four distinct parts. The first is the Managing Board of three Seniors, who direct the general policies of the book. The second is the Junior Board of eight Juniors, who are responsible for the actual collecting and compiling of all the detailed information which goes into the book. Third is the Staff, composed of Sophomores who are responsible to the Junior Board members; and fourth is the group of Competitors whose efforts are also directed by the Junior Board.

The types of work on Technique are divided roughly as follows: Editorial, including statistics and photographic work; and Business, including advertising, publicity, and finances. The field of effort covered is broad and varied, as one may see, and in every case offers the Competitor, Staff Man, and Board Member rich opportunities for real working experience. Working on Technique, a man gets to know the Institute, inside and out, its prominent men, and its scope of activity, for it is with these things that an annual is directly concerned; he gets to know many men in business outside and learns how to meet them and deal successfully with them; he learns the art of printing and the thousand and one fascinating details of it; he has a chance to practically apply systematized methods of attaining results, which is one of the main things that the Institute teaches; and, best of all, he learns his own capabilities and meets men who are interested in, and working for, the same things he is.

So many of us here at the State acquire by graduation time practically nothing but theory concerning the outer world that the activities have been founded and are maintained with the idea in mind of giving the student at least some small idea of what he will run into when he steps gayly forth with his diploma and sets out to swing the world by the tail.

Fall Competition Opens Wednesday

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WALKER MEMORIAL
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WEDNESDAY
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TECH QUINTET FACES HARD YEAR

Coach Has Few Veterans--- Will Need Many New Men

With a stiff three month's schedule staring them in the face, the basketball team will have to get plenty of stiff practice in before the opening game with New Bedford Textile in early December. Only three of last year's Varsity regulars are back in school and two of last year's reserves. Therefore Coach McCarthy will have the difficult task of building up a first team, and plenty of reserves to throw in the breach if necessary.

Hinck A Fine Guard

Even with the lack of experienced men, both Coach McCarthy and Captain Bill Forrester radiate enthusiasm when questioned about the prospects for the coming season. Forrester, playing his last year of collegiate basketball, is a finished product and should be a leading star on New England floors this year. Even last year he drew comments from several experienced sports writers and basketball officials.

Ernie Hinck, who starred last spring with the racquet, will again be on the courts this winter—the nets however being several feet higher. Hinck, playing his first year of varsity basketball last year, showed that he is one of the most promising guards in Intercollegiate circles. Being heavy and fast, he was able to break up some of the best combinations met last year. If Coach McCarthy can find a suitable running mate for Hinck this winter, the Engineer defense should be almost impregnable.

Some Promising 1928 Men

Biehle will be the leading candidate for the pivot position. He got into enough games last year to give him experience and with his height, he should be an invaluable man in the tap-off position. Of last year's reserves, only Timmerman and Umbenhauer received any experience. Both of these men are fast and fairly good shots, but their lightness is a considerable handicap. Yet there have been stars in the net game before who were able to make their lack of weight an asset and not a handicap.

No Intercollegiate Foul Rule

Coach McCarthy will also have last year's frosh class from which to pick material. Although there were no very heavy men on the 1928 team, there were some good players who profited under Luke Bannon's coaching and should be of value to McCarthy when it becomes necessary for him to pick his team for the first game.

According to Coach McCarthy, the article in the last issue of THE TECH on the basketball foul rule will not apply to intercollegiate play, and will not therefore affect the Institute forces. It was a rule passed for the Eastern League alone, playing professional basketball in the Middle Atlantic states. It is interesting to note however that the professional teams are tending to play more and more under intercollegiate rules, insuring a cleaner and faster brand of ball.

A fine schedule has been arranged for the coming season with some of the best teams in the east. A few of last year's opponents are missing with whom it was impossible to arrange games and several new and unfamiliar schools are on the schedule.

Basketball Schedule

Dec. 5—New Bedford Textile	H
Dec. 12—Dartmouth	A
Dec. 18—Tufts	A
Dec. 19—Brown	H
Jan. 9—Lowell Textile	H
Jan. 12—Harvard	T
Jan. 16—Rhode Island	H
Jan. 21—Northeastern	H
Feb. 13—Northeastern	A
Feb. 19—Crescent A. C.	A
Feb. 20—Pratt	A
Feb. 22—Trinity or M. A. C.	A
Feb. 27—New Hampshire	H
Mar. 6—Holy Cross	H

H—Home A—Away

ISSUE CALL FOR FIELD DAY TUG-OF-WAR MEN

Pull-Pull-Pull.—Yank-Yank-Yank, — soon these lusty cries will be heard on all sides of Tech field as the tug-of-war men go through their nightly practice for the annual contests held on Field Day. M. D. James, in charge of Field Day tug-of-war, has issued a call for all candidates to report on Wednesday afternoon between 4:30 and 5 P. M. at the hangar gym. Whitney Ashbridge, Soph coach, and the two freshman coaches, Al Hall and Bob Hatch, last year's Sophomore captain, will be present to meet the men and tell them what both teams are up against.

Manager James states that it is very necessary that all of last year's freshman team report as well as any other members of the Sophomore class who are interested in the hempen game. The coaches are hoping that this year will not be a repetition of last year's deplorable lack of spirit and that they will have a good squad of men to work with every night.

Although heavy men are desired this does not mean that there are no positions for a light man, for each team must have a counter and a manager. Also, a man of medium build often proves to be a much better man on the end of the rope than does one with an extra large amount of avoirdupois.

Regular practice will probably start for both teams Thursday afternoon at 5 P. M. with the frosh attempting to uproot the pole over by the track house and the Sophomores digging up the turf on the other side of Tech Field. Men are wanted from both of the two lower classes and experience is unnecessary. After the practice has been underway some time, the two teams will elect a captain and manager.

CROSS COUNTRY TEAM OUGHT TO BE STRONG

Freshmen Runners of Last Year Furnish Main Support

With all of last year's freshmen, who placed third in the Intercollegiate, back at the Institute and hard at work, the prospects for a fine Varsity cross country team seem brighter than they have in many moons. There are also several of the veterans of last year's team, led by Captain Bill Rooney who gives promise of an excellent year.

Cross country received the biggest boost it has in years, due to the enthusiasm Coach Oscar Hedlund aroused among the men out for the hill and dale sport. Captain Bill Rooney, Eddie Chute, Cy Meagher, Walsh and a half a dozen other fine men accompanied Hedlund to Littleton, Mass., for two weeks at the close of the summer. Two weeks under the careful eye of the coach, with the strictest of training rules and good food, brought the men around into fine form. Although the men had to pay all the expenses, the camp is likely to become a permanent institution, if the spirit shown this year is to be taken as an example.

The cross country team will meet with the rest of the track men at the first meeting of the year on Wednesday. At this time, the coaches will get a fair idea of the material they will have to work with this coming year, and the prospects for the frosh team.

Track, especially in the long distance events, received a big boost with the announcement that Marvin Rick, Olympic star, will run under the Cardinal and the Gray of the Institute forces this year.

FROSH MATERIAL TO BE BASIS OF SWIMMING TEAM

Grover, Star Dash Man, Eligible For Varsity Tank Team This Year

FEW VETERANS ARE LOST

Stars of Last Year's Teams to Start Practicing in Pool Soon

All indications seem to point to a very successful season for the swimming team this year, and all of Coach Dean's endeavors to build a winning team this year will probably bear fruit. Very few of last year's team were lost by graduation, and with a fine 1928 team eligible to compete for the Varsity, there does not seem any reason why a winning combination should not be turned out. The two Johnsons have been training hard all summer in their little island of Hawaii and should be mainstay of the team in the back and breaststrokes. Grover, one of the fastest dash men that ever entered the Institute should turn in a number of new records.

Breast Stroke Strong

It is almost certain that Armstrong, star dashman of last year's Varsity, will not be back at the Institute this Fall. This will throw the burden of the dashes almost wholly upon Grover. With Armstrong on the team again, it would have meant two places in nearly every meet. Himrod will probably be called upon to swim the 100 yard swim with Grover.

Walworth and Wies Return

As neither of the divers were lost by graduation and both of them are back at the Institute, big things can be counted on from this end of the game. Whitey Woods, one of the leading point getters of last year's team is back and in condition all ready. Higgins, the other diver, who came through with many a needed point, is back, with a summer's practice behind him.

Bill Walworth, last year's captain and breaststroker, will be back on the team, as will Carl Wies, present captain. There is a strong possibility that Coach Dean will convert Walworth into a 100 yard man, as he showed possibilities in this event last season, and with the influx of young breaststrokers, Walworth would probably be of more value in the faster swims. Captain Wies will be back in his old event the 220 yard swim, where he showed so much endurance last season.

FALL TOURNAMENT WILL START EARLY

Ernie Hinck, Former Finalist, Will Make Strong Bid This Year

With the Davis Cup and the national matches passed, the tennis enthusiasts at the Institute can soon turn eyes toward the more immediate present and the Fall Tournament. A. J. Connell '27, manager of tennis at the Institute, has promised to start the tournament earlier than usual this year and prevent it dragging out into the cool days of late October.

In one way, the tournament will be more interesting than usual, as there will be a new victor after two years. Joe Russell, winner in 1923 and 1924, was in the June graduating classes, leaving the field open to number of dark horses. Even so, the dark horses entering the tournament will have to be at their best to capture the prize, for Ernie Hinck will make his strongest bid for the laurels this year.

Frosh Material Uncertain

Since his freshman year, Hinck has fought his way to the finals only to fall before Russell in the final struggle. With Russell no longer in the way, Hinck has an opportunity to come through and win the tournament. Even with Russell out of the way, Hinck will not have it all his own way as Ken Peck, captain of the team next spring, will probably be in the tournament and will be a factor in deciding the winner.

As yet the calibre of the incoming frosh is unknown, so there may be a few men in the class that will give the older players a good run for the championship. The tournament will give Manager Connell and Captain Peck an opportunity to review the prospects for filling the places left by Russell and Broadhurst and also the strength of next spring's frosh team.

ATHLETIC ASSOCIATION

By S. H. Baylор '26

When a man is considering which activity he should enter, it is well for him to look over carefully the opportunities which the Technology Athletic Association has to offer. Contrary to popular opinion this organization has a very diversified line of work which gives the man several different branches from which to choose his place.

Technology has at present approximately 15 different athletic teams here at the Institute, representing all of the major sports and several of the lesser important ones. These teams are managed by Juniors with two Sophomore assistants. The competition for the Sophomore Assistants starts immediately after the fall opening of school and is open to all members of the freshman class. At the end of the year two men are selected to serve as Assistant Managers during their Sophomore year. These positions are given to the men who have shown the greatest amount of ability in their work and who also have been most faithful in carrying out their designated tasks.

The managerial positions give a man excellent training in the handling of men, the managing of financial matters and the budgeting of money. Each manager has his own separate problems to meet and difficulties to surmount, just as does the manager of a large corporation. The team schedules are made by the managers of the individual teams. A valuable feature of these positions is the fact that not only does the manager carry on transactions with members of his own school but he comes in contact, either by person or by letter with prominent members of other colleges and in this way derives much benefit from the associations thus formed.

Another entirely different department of the A. A. is what is known as the Publicity Department. This branch gives a man another line of activity and our department works on the same principles as the Associated Press, but on a smaller scale. The entire publicity of the Institute along the line of athletics is handled by this department. There is not only the opportunity to gain valuable experience in the publicity end of the game but a fine chance is afforded to become acquainted with the accumulation of sporting news and to keep in touch with all branches of sport.

Publicity Manager is what is known as a Senior "job" and hence competition in this department does not start until the Sophomore year. This is the only branch of this organization where there is no freshman competition.

The last and perhaps the most important line of work in the A. A. is the Treasury Department. An excellent business training is open to the candidate who decides to enter this branch of the work. An especially good opportunity is afforded in the handling of financial matters as more money is handled by this organization than by any other student activity in Technology.

Membership in the A. A. consists of all team managers and captains. This organ is the governing body of all the athletics here at the Institute and hence holds a very important place in college life. A president, vice-president, secretary, and treasurer are selected by popular vote from the members of the A. A. and these officers, together with one member at large, compose the executive committee. All of the above officers are members of the Senior class and are selected from the previous year's team managers.

Basketball seems to be in for a big boost at the Institute this winter with most of last year's team back. Captain Forrester, Ernie Hinck, and Biehle will all probably be ready to don the gummed shoes when the call for candidates is announced. With this nucleus to work on and a number of last year's reserves, Coach McCarthy should soon be able to whip a fast team in condition.

Start the School Year Right
with the Right Tailor!!!

IT'S

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BY READING

THE

FAMOUS FRIDAY FOOTBALL FORECAST

Appearing Weekly in the

Boston Evening Transcript

Survey of the College and School Gridiron
Activities, with intimate stories of the development of the leading elevens of the East

THE TECHNOLOGY CHRISTIAN ASSOCIATION

(Continued from Page 3)

will be reminded of other phases of the services, for we have Departments for Religious, Social, Personal Welfare, Student and Information service, including such sub-divisions as Bible Study, Church Relations, Boys' work, Foreign students, etc. Just think what definite and positive services these are. You may rest assured that the fellows who are doing it are interested in it and are getting a whole lot of pleasure out of it. Ask the man who does it!

The Technology Christian Association offers you not only an opportunity to benefit yourself, but also to help others, for its work is by nature of an ulterior character. You cannot realize the pleasure of this sort of work unless you have done some, but realizing this pleasure is one of the easiest things in the world to do—see us. We would like very much for you to at least visit us and have a talk at any time in either of the office in the basement of Walker.

VOO DOO

(Continued from Page 3)

Circulation and Publicity speak for themselves and are essential integrals of the organization. Under the new system, candidates will be tried out in all these departments until they show an especial aptitude for one field.

The following letter illustrates the national scope of Voo Doo's influence:

19 Rue Antonio,
Tokio

Dear Mr. Voo Doo
Honorable Sir:

I respectfully solicit to report that one copy of your hon. publikaschion are been read on month the last by unintelly gent Tokio stewdent. I are ill,

Hoping you are the same.
Togo Hashimuro

COMBINED MUSICAL CLUBS

(Continued from Page 3)

clubs for the coming season are the concerts at the girls' schools in the vicinity of Boston, the local concerts, and the Winter trip. At the girls' schools it is often the pleasure of the men on the clubs to be the guests of the musical clubs of that school for dinner on the evening of the concert. At all such concerts the men are specially privileged to meet the young ladies of the school at the dances which follow every concert. The utmost courtesies are extended in this way and things are thus made extremely pleasant.

Although the clubs did not make a Winter trip last season since the management for the organization considered it more important to get on a sound basis financially and otherwise than to risk any losses possible from such an itinerary, Past General Manager H. C. Hoar '25 in turning over his chair of office to W. P. Lowell '26 voiced his opinion regarding the extreme probability of a trip this season. Such trips occur during the Christmas holidays and the clubs venture as far afield as New York, Philadelphia, Baltimore, Washington, Atlantic City and Buffalo. Special cars conduct the men en route.

Broadcast Programs Frequently

Besides their regular concert programs several broadcasts by radio are made each year. Not only does this type of concert serve to place the clubs before a larger audience than otherwise possible, but it also places the name of Technology before a great number of listeners and proves exceedingly profitable publicity for the Institute. Indeed, it has actually happened that these broadcasts have been heard by people who never knew of the existence of Technology. The Christmas trip concerts are also broadcasted.

FRATERNITY STANDINGS

According to the usual custom the scholastic standings of the fraternities for the last term of last year have been compiled by the Dean's office. In addition to the June, 1925, standings the average for a period of four and a half years has also been computed. The table for this period is given below.

	Average position	June, 1925	Dec., 1924	June, 1924	Dec., 1923	June, 1923	Dec., 1922	June, 1922	Dec., 1921	June, 1921
1. Tau Delta Phi.....	3.00	3	2	3	1	2	3	3	3	3
2. Sigma Alpha Mu.....	5.88	10	11	4	4	1	1	5	15	2
3. Psi Delta.....	7.50	5	3	15	13	4	5	*	*	*
4. Kappa Eta Kappa.....	9.50	9	10	*	*	*	*	*	*	*
5. Zeta Beta Tau.....	10.00	31	9	16	5	7	9	9	3	1
6. Phi Beta Delta.....	10.11	1	1	2	7	16	19	7	14	24
7. Sigma Omega Psi.....	10.66	2	†	8	22	*	*	*	*	*
8. Delta Psi.....	11.11	27	19	24	6	5	4	2	5	8
9. Sigma Chi.....	11.55	11	4	7	8	18	27	16	2	11
10. Phi Kappa Sigma.....	12.00	17	13	18	10	3	6	6	16	19
11. Sigma Alpha Epsilon.....	12.66	7	8	25	27	8	17	8	8	6
12. Alpha Mu Sigma.....	13.42	32	21	1	2	11	2	25	†	†
13. Theta Chi.....	13.77	29	23	9	14	10	13	15	1	10
14. Sigma Nu.....	14.42	12	6	13	19	24	14	13	*	*
15. Delta Kappa Epsilon.....	15.00	14	14	27	15	9	8	12	4	22
16. Chi Phi.....	15.22	16	24	20	29	14	7	4	19	4
17. Tau Epsilon Phi.....	15.85	24	29	5	12	30	10	1	†	†
18. Phi Beta Epsilon.....	16.23	8	15	23	30	15	25	11	6	14
19. Phi Gamma Delta.....	16.55	18	20	11	9	13	23	19	23	13
20. Phi Sigma Delta.....	16.75	4	7	12	20	12	26	28	25	†
21. Alpha Tau Omega.....	17.33	25	30	10	16	22	22	17	9	5
22. Lambda Chi Alpha.....	17.88	19	17	6	25	20	21	24	20	9
23. Beta Theta Pi.....	17.88	23	12	22	18	26	20	14	10	16
24. Delta Upsilon.....	18.00	6	16	29	17	28	11	20	12	23
25. Kappa Sigma.....	19.00	20	5	19	24	27	18	18	22	18
26. Delta Tau Delta.....	20.22	15	27	21	31	23	12	21	11	21
27. Theta Delta Chi.....	21.11	13	18	31	33	21	15	26	18	15
28. Phi Mu Delta.....	22.00	30	28	14	21	17	*	*	*	*
29. Phi Kappa.....	23.11	21	26	28	26	31	29	22	13	12
30. Phi Lambda Alpha.....	23.16	33	25	17	11	25	28	*	*	*
31. Lambda Phi.....	23.66	22	32	30	32	29	24	10	17	7
32. Theta Xi.....	24.33	28	31	32	28	19	16	27	21	17
33. Phi Sigma Kappa.....	25.11	26	22	26	23	32	30	23	24	20

*Chapter not established. †No standing reported.

Note: Alpha Chi Sigma stood No. 6 in June, 1923, and No. 3 in December, 1923. Not computed at other periods.

Notices and Announcements

OFFICIAL

PHYSICAL EXAMINATION

Physical examination of all new students entering the institute is compulsory. Please make appointments at the Department of Hygiene, Room 3-019 as soon as possible.

COURSE VI HONOR GROUP

The Special Honors group of Course VI will meet Prof. Jackson in room 10-250 Wednesday, Sept. 30, at 2. Hours will be arranged for the regular weekly conference and the programs will be discussed.

UNDERGRADUATE

M. I. T. A. A.

There will be a meeting of all Captains, Managers, and Ass't. Managers at 3 P. M. in Faculty Room, Walker Memorial, Sunday, Oct. 4.

COMBINED MUSICAL CLUBS

There will be a meeting of the Combined Musical Clubs on Friday, Oct. 2, at 5 in room 10-250.

SOPHOMORE FOOTBALL

There will be a meeting of Sophomore football candidates in room 2-132 on Tuesday, September 29, at 4. All Sophomores who want to show that 1928 has a football team are urged to come.

CATHOLIC CLUB

A supper meeting of the Technology Catholic Club will be held in the north hall of Walker on October 7. Dean Talbot and J. F. O'Neill will speak. All interested are invited.

TRACK

There will be a meeting of Varsity and freshman cross country, track and Field Day relay candidates in room 10-275, on Wednesday, September 30, at 5 o'clock. At this time all men coming out for these sports will report.

E. E. SOCIETY

Officers of the Electrical Engineering Society will meet in room 3-312 this afternoon at 4 o'clock.

COMBINED PROFESSIONAL SOCIETIES

Officers of the Combined Professional Societies will meet in room 3-312 this afternoon at 5 o'clock.

HANDBOOKS

All freshmen and transfers not yet provided with the T. C. A. leather covered handbooks may obtain same by calling at the T. C. A. office, basement of Walker Memorial. All former students may obtain paper covered handbooks by calling at the same office.

TECHNOLOGY BLOTTERS

All students are entitled to one large desk blotter. Men not living in the dormitories or fraternity houses may obtain blotters at the T. C. A. office.

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