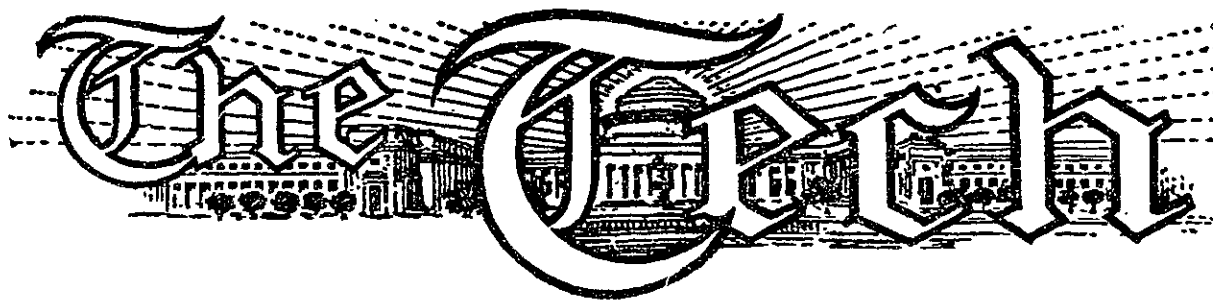


Nominations For Senior
Committee, Marshals
In This Issue



Senior Week Elections
Will Be Held
Tomorrow

Volume LV. No. 36

CAMBRIDGE, MASS., TUESDAY, FEBRUARY 26, 1935

Price Three Cents

Technology Union Debates Religion, Science Relation

Professor Morris And Reverend
Fetter Take Opposite Sides
On Question

MacAllister, '35 And Monroe, '36
Are Student Speakers

Meeting Open To Discussion;
Predetermined Opinions
Unnecessary

"Is There a Gulf Between Science and Religion?" asks the Technology Union, proposing the question for its third meeting tomorrow evening in the Eastman Lecture Hall at 7:45 o'clock. An opportunity for all who attend to express their individual opinions on the question will be provided.

Professor Frederick K. Morris of the department of Geology, and Claxton C. Monroe, Jr., '36, of the Tech Union Committee, will uphold the affirmative answer to the question, while the Reverend Newton Fetter, Minister to Baptist Students of Greater Boston, and Copeland C. MacAllister, '35, president of the Technology Catholic Club, will dispute their contention. Edward Helwith, '35, of the Union steering committee and a speaker at the last forum, will preside.

An innovation of tomorrow's meeting will consist of a change in the
(Continued on Page 3)

James Means Prize Offers \$100 Cash For Winning Thesis

Candidates For B. S. Degree
Present Papers At
Commencement

For the best thesis on an aeronautical subject submitted by members of the graduating class, who are candidates for the degree of Bachelor of Science the James Means Prize will be awarded.

The prize, consisting of a \$100 in cash plus a Bronze Medal, will be presented to the author, or authors, of the winning thesis at the Commencement Exercises.

"An Aeronautical Subject" is considered to include any application of science to aeronautics whether in the immediate field of aircraft design and construction, engines, instruments,
(Continued on Page 3)

James Means Prize

Professor Wiener Teaches In China

Will Sail Next July To Take
Up Professorship At
Peking

Dr. Norbert Wiener, internationally known mathematician and professor of mathematics at the Institute, has accepted an invitation to join the faculty of the National Tsing Hua University in Peking, China, as research professor of mathematics for the next academic year.

Professor Wiener has been granted leave of absence from the Institute, and expects to sail for China next July. He will be accompanied by Mrs. Wiener and their two daughters. During his stay in the Orient, he plans to travel extensively and to visit a number of Technology alumni clubs in various parts of the Far East.

Dr. Wiener's outstanding contributions in the field of higher mathematics have brought him wide recognition both in this country and abroad. Last April he was elected to membership in the National Academy of Sciences, and in 1933 he was a joint recipient of the Bocher prize given by the American Mathematical Society for notable work in mathematical analysis. He is a member of the Lon-
(Continued on Page 3)

Wiener

Menorah Society Hold Joint Dance Tomorrow With Simmons Chapter

Plans For Another Party Of
Boston Organization
Are Announced

Simmons College will attend the joint dance tomorrow evening to be given by the Technology and Simmons chapters of the Intercollegiate Menorah Society in the 5:15 Room at 8:15 o'clock. An opportunity to engage the visitors in card playing has been provided for those who prefer not to dance.

The meeting is the first of a series of binary get-togethers to be held with Radcliffe, Emerson, Boston Teachers' College, and Portia Law School, all of whom have chapters of Menorah. Another of the intercollegiate dances will be held on April 17, according to present plans of the Boston intercollegiate organization.

Refreshments will be served at tomorrow's meeting. Admission is free
(Continued on Page 5)

Menorah

Phi Mu Delta Is Fraternity Sing, Baton Cup Winner

"Claptometer" Decides Winner
In First Annual Event
At Walker

Six Contestants Compete

Phi Mu Delta was acclaimed the winner in the first annual Inter-Fraternity Sing last Thursday night. Judging was by means of a "claptometer" which automatically integrated the volume of sound reaching a microphone during a ten-second applause period and added it up to give the total sound.

By its victory Phi Mu Delta is entitled to the possession of the cup until the next sing. Three victories by the same fraternity are necessary for it to gain permanent possession of the cup.

The contest consisted of two semifinals, the winner from each competing in the finals. The fraternities entered were Phi Sigma Kappa, Delta
(Continued on Page 5)

Musical Clubs

Elections Tomorrow For Senior Committee

Twenty Members To Be Selected
At Annual Balloting

Nominations for Senior Week have been filed and the election of these officers will take place tomorrow, February 27 between 9 and 5 o'clock in the Main Lobby.

Twenty members are to be elected to the Senior Week Committee and three marshals will be elected. In this issue is the list of the nominees.

Textile Research
The first meeting of the Senior Week committee will be held within two weeks after the approval of the elections. If no protests are entered, this approval will be given by the Institute Committee at the meeting, Thursday, February 28.

Technology Debators Introduce Method Of Visual Argumentation

Colored Cartoon Used To Depict
Evils of Socialization
Of Medicine

"Visual debating" was introduced by the Technology Debating Team when it met the Tufts team last Wednesday evening in a non-decision debate in the Eastern Lecture Hall on the subject of socialization of medicine. The team made use of the moving panel blackboard to surprise their opponents with a vividly colored cartoon depicting the evils of socialization, against which the home team was arguing.

The cartoon showed the medical profession (in the person of a hunting dog) moving backwards along the path of progress (made by the hunted rabbit) because it is lured thence by government graft (a tempting bone). The
(Continued on Page 4)

Debate

Tourist Groups To Visit Technology

In a recent visit to Boston, Mrs. Julius W. Freeman, group organizer of southern state tours from Miami to Baltimore and associated with leading steamship lines, visited at the Institute.

She and Mr. Herbert Brooks, Assistant Manager of the Copley Plaza Hotel were shown around the Institute by Mr. William Jackson. Mrs. Freeman plans to include Technology in her itineraries of future groups visiting Boston.

Sell-Out Foreseen In Ticket Sale For I. F. C. Dance

Hubbard Speaks On Flood Control At A. S. C. E. Meeting

Society Will Have Movies On
Tennessee Valley Work
On March 13

Prevost Hubbard, chemical engineer for the Asphalt Institute of New York, was the guest speaker at the A. S. C. E. dinner meeting held last night in the faculty dining room.

K. Joseph Winiarski presided at the meeting and introduced the speaker of the evening. Mr. Hubbard spoke on "Recent Developments in Flood Control along the Mississippi River," and he illustrated his talk with slides and movies. He stressed particularly the use of a new type of asphalt mats developed in the laboratories of the Asphalt Institute.

Besides being instrumental in bringing about this development in flood control methods, Mr. Hubbard had visited the projects along the Mississippi and had taken the pictures and slides of the construction work. The new process consists essentially in pouring large mats of asphalt, manufactured on barges anchored in the river, onto the banks of the river to prevent erosion and consequent flooding. The method is said to provide the best revetments yet developed. The work is being carried on by a branch of the War Department.

An announcement was made that the next meeting of the A. S. C. E. will be held on March 13. At that time the society plans to show a talking movie on the Tennessee Valley project. The meeting will be held in Room 10-250 at four o'clock, and the movies will be free to all those interested in attending.

There was a rather poor turnout at last night's meeting, but it is hoped that the program planned for future
(Continued on Page 6)

S. C. E.

Technology Students Assist Injured Skier

Harvard Freshman Plunges
From Mt. Monadnock Trail

Three Technology students assisted Harmon A. Hall, a freshman at Harvard, who was seriously injured when he plunged from the Mount Monadnock ski trail near East Jaffrey, N. H., Sunday afternoon.

Hall had smashed his hip and forearm when he lost control of his skis on a sharp curve in the trail. He plunged into some nearby trees and landed in a pile of rocks. Frederick W. Reuter, '38, of Towanda, Pa., found Hall helpless. He immediately called his companions, John Lindsey, '38, of Rochester, N. Y., and John B. Toy, '37, of Ridgewood, N. J., who succeeded in strapping several skis to the sides of the injured fellow in order to keep the broken bones from being displaced. Then Hall was transported several miles on a sled made of the remaining skis, to an automobile which carried him to the Peterboro Hospital at Peterboro, Vt.

In the meantime Toy had skied five miles down the side of the mountain to the community clubhouse where he summoned Dr. Frederick C. Sweeney who tendered first aid and then accompanied the party to the hospital.

Toy, Reuter, and Lindsey are all members of the Phi Beta Upsilon fraternity.

534 Pasteboards Have Been Sold; Limit Set At 550

Twenty Ushers Chosen
From Various Houses

Lounge Bar Is Open to Patrons;
Isham Jones' Orchestra
Plays Friday

With more than four days remaining before the Interfraternity Conference Dance, tickets for the event are practically at a sell-out, 534 of the limited number of 550 having already been sold, according to the report of the committee last evening. Wide attention has been focused on the affair which is to be held next Friday evening in the Imperial Ballroom of the Hotel Statler from 9 to 3, with Isham Jones and his orchestra.

The few remaining tickets will be offered for sale tomorrow in the Main Lobby from 12 to 2 o'clock, Jack Orchard, '35, chairman of the committee, announced last night.

In addition to the table service in the Foyer, the Lounge Bar will also be open to those attending the dance who are desirous of liquid refreshment.

Isham Jones and his orchestra, who will provide the music for the dancing, have played within the past two weeks at Bucknell University, Rutgers College, Lawrenceville School, and at other collegiate affairs. They are considered to be among the best college dance bands. The orchestra plays every Tuesday night over a coast-to-coast Columbia network for the Chevrolet Motor Company.

Twenty "shock troopers," chosen from prominent students and representatives of the houses in the Con-
(Continued on Page 5)

I. F. C. Dance

New Officers Chosen To Head 5:15 Club

Robinson Is The New President,
Elected Thursday

George R. Robinson, '36, of Wakefield will head the newly elected officers of the Commuters Club, chosen last Tuesday. The other nominees were: Leonard B. Chandler, '36, vice-president; W. Vernon Osgood, '36, secretary; Robert S. Gordon, '36, treasurer; Anton E. Hittl, '36, and Richard S. Dewolfe, '36, executive committee. Robinson, a Course X man, succeeds Gerald M. Golden, '35, under whose leadership many interesting social activities were carried on during the past year. The other retiring officers are: William E. Keefe, '35, Frederick W. Travers, '35, Kenneth D. Young, '35, and Hamilton H. Dow, '35.

Catholic Club Hears About "Life in China"

"Life in China" will be the subject of an informal talk to be given by Father Killoran of Maryknoll Order at a meeting of the Technology Catholic Club to be held Thursday, February 28, at 4 P. M. The room number will be posted on the bulletin board.

Father Killoran will present a new Pathe sound movie entitled "The Missioner's Cross", depicting the life and experiences of a mission priest in China's interior. An open invitation is extended to all students and members of the faculty to attend.

Senior Week Nominations

SENIOR WEEK COMMITTEE

Hal. L. Bemis	C. D. van Auken Hanley
Murray I. Brown	Kenneth G. Holdom
Walter J. Byrne	John H. Howell
John H. Colby	Henry F. King
Edward J. Collins	Carlos F. Lavenas
Richard H. Cook	Richard Lawrence
William W. Cross	G. Fred Lincoln
David W. Dale	Hart L. Livingston
Phoenix N. Dangel	Wesley H. Loomis
Charles N. Debes	Ian W. McFadyen
Hamilton H. Dow	John G. Mooring
John Duff, III	Allen Q. Mowatt
Harold H. Everett	Bernard H. Nelson
Jefferson Farmer	Henry J. Ogorzaly
Kenneth D. Finlayson	John E. Orchard
Albion R. Fletcher	Robert A. Scribner
George F. Glaskaws	John E. Talbert
Gerald M. Golden	Donald F. Taylor
Robert J. Granberg	John C. Tebbetts, Jr.
Alfred L. Greenlaw	Kasmierz J. Winiarski
Donald C. Gutleben	Otto E. Zwanzig

SENIOR DAY MARSHALS

Hal L. Bemis	Richard L. Hughes
Edward J. Collins	Philip P. Johnston
Harold H. Everett	Arthur M. King, Jr.
Gerald M. Golden	Henry F. King
Robert J. Granberg	Wesley H. Loomis
Donald C. Gutleben	Bernard H. Nelson



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Night Editor This Issue: Frederick J. Kolb, '38

NEW FIELDS TO CONQUER

THE SCIENCE ADVISORY BOARD

THE recently published report of the administration's Science Advisory Board, of which Dr. Compton is the chairman, presents some illuminating information on the importance of scientific research of various kinds in any program of national planning. The report is essentially a study of the place of science in the governmental structure, and many of its recommendations might prove disconcerting to many misinformed persons who believe that science has caused all the world's troubles and should somehow be outlawed.

One of the principal reasons why the natural sciences have progressed so much farther than the social sciences is that discoveries in the latter are of such a nature that no individuals or industries could profit sufficiently by them to justify the necessary expenditure for research with other than philanthropic motives. If such research is not sponsored by governments it is generally not done at all, and for this reason most of the nations of the world have their scientific bureaus, such as departments of agriculture, and planning boards. The Science Advisory Board and its sub-committees have studied and are still studying the functions of the existing scientific agencies of the United States government and are recommending investigations into many social problems on which little or no research has ever before been done.

A large part of the report of the progress made by them so far discusses problems involving the terrain and land resources of the country, such as soil erosion, critical land margins, bureau of mines, geological survey, climatology, and the weather bureau. The studies proposed on various phases of land research should undoubtedly be of eventual benefit to most of the farmers of the country. Indeed, it is more likely that something can ultimately be done about the much discussed farm situation in this way than by congressional legislation.

A comparatively new field of study in which further research is recommended is that of population, particularly the analysis and projection of population movements. That knowledge of this matter might be of great practical importance is exemplified by the hundreds of thousands of pounds wasted recently by the city of Manchester, England, which began to build a huge reservoir to accommodate an expected increase of population and then abandoned the project when it was discovered that the population of the city was no longer increasing. It is significant that this section of the report points out the need of further study of population movements as basic in developing public policy for the redistribution of population.

Whether the various programs of research that are recommended will ever be carried out or not will depend on whether the Congress and various executive divisions of the government have reached as advanced a stage in

their thinking as have the scientists who have studied the problems. There is some reason to fear that the latter are too far ahead. At any rate their report gives one additional ground for believing that whether or not science is responsible for our social and economic difficulties it will only be through science, or at least the scientific method, that we will ever emerge.

With The American College Editor

THE indifferent, the constitutional conservative, the hedonist, the idealist and the critical realist — these constitute the various student-types that enter the portals of each university, according to the opinion of a dean of a certain American law school whose article appeared in some obscure corner of our yesterday's issue. As far as it is possible to resolve students, and all other human beings for that matter, into their lowest common factor and to separate them into "types," it may be generally conceded that this classification is quite as all-embracing as any that has hitherto been enunciated.

However, it is evident, upon close examination, that there are many who, by their very nature, cannot be categorized under any of the five above-mentioned headings. They are either so different or individualistic that few or none that resemble them in any way can be detected, or else they possess simultaneously and at varied degrees more than one of the essential qualities, so that it would prove to be incorrect to designate them by one in particular.

Of these, specific reference is here made to that student whose coming and going is unnoticeable to almost all, whose career at college is a silent and uneventful one from the point of view of "campus activity," yet who differs radically from the "indifferent type" both as regards his real self as well as his attitude towards his surroundings. He is the quiet and unassuming fellow, who due to causes both personal and environment, exalts in his imagination the worth of his fellow-students and at the same time unduly depreciates that of his own. Healthy and normal relations with his college-mates is necessarily barred to him on account of this disproportionate notion of true values.

Certainly not unfamiliar is the picture of one such serious-looking student who lingers alone in the hallway, who peers out with his languid eyes and closely scrutinizes all passers-by, who continually stands in our way and who occupies himself at every odd moment by inspecting the thrice-read notice-board, who fidgets impatiently with library books on the stalls and who is seen drifting almost unconsciously from one lecture-room to another. Though he seldom utters a word, still we feel his presence for we realize that this is no mere dead-head, but rather one whose disposition has been unduly moulded by an exceptional series of events and circumstances. On account of his extreme self-consciousness and consequent suppression of all natural expression and behavior, he is lost among his fellow-men.

Notwithstanding, our subject is fully conscious and aware of his infirmity. His false imaginings, which have caused him such inexplorable suffering, are acutely examined by himself, yet there remains an unalterable barrier which must be surpassed before he can rid himself of this "complex". His natural reaction is usually one of self-pity or, on the other hand, of self-torture, and his attitude towards everything and everybody is deeply couched in cynicism and contempt.

Of the reality of such a person, there can be little doubt. And that there exists a sufficient number of these to warrant the stigma of a new type is a likely matter for dispute. However, whether or not it is decided that this student represents a certain type, the fact is not altered that the problem is a definitely acute one, and that it offers difficulties in huge proportions towards its solution.

—McGill Daily

THE TECH Inquires

This column endeavors to solicit student opinion upon selected questions. A reporter interviews students at random, in making his rounds about the Institute. Questions for this column may be submitted by readers. Open Forum comment on any of the answers will be welcomed.

Today's Question: "The Main Library closes every day at 6 o'clock, on Saturday at 4, and remains closed all day Sunday. In your opinion is this justified by the argument that only a few students would use it after such times?"

Leon Simons, '36, II, Dormitories:

"Yes, this reason is justifiable, as references are made with the current work, any student desiring information is sure to use it during regular hours. Another reason is that most commuters prefer to use it while at school instead of making extra trips on Saturdays and Sundays. Rather have late hours on week days and close on week-ends."

Carl G. Sontheimer, '36, VIII, Riverbank Court:

It is immaterial to commuters and to many fraternity men, who must leave school early and who cannot easily come on Sundays, but for the sake of the dormitory students and men on research work it might be advisable to extend library hours."

Arthur L. Sarvis, '36, II, 21 White Place, Brookline:

"Yes. I don't think keeping the library open for a longer period would justify the additional expense incurred."

J. Charles Kittel, '38, VIII, Dormitories:

"By nature a library is a repository of knowledge; any limitation of hours is contradictory to the fundamental idea of making this knowledge universally available. A locked library, if only handicapping a few students, is defeating its own reason for being."

Milton Lief, '37, XVI, 42 Howland St., Roxbury:

"The Library should adhere strictly to its present schedule. I do not believe that there are many who would care to make use of it at any other time. The facilities of the entire library system would have to be in operation in catering to merely a few."

John H. Colby, '35, XVIIb, 49 Summit Ave., Brookline:

"It is not justified because in Course XV seniors are requested to do a lot of outside reading which cannot be completed during the week."

James Pearce, '37, X, Dormitories:

"There is enough time before 6 o'clock for most students to do their library work. I believe the ruling is justified."

Vinton K. Ulrich, '35, VIC, Melrose:

"It should be open since availability of the library to seniors and research students is most desirable. To the lower classmen it should probably make but little difference. At the present rates of pay, the expense is negligible and one man can take care of the library in off hours."

Question for next issue: "Many colleges require a blanket tax from



Sweet Musikk

Among the varied and contrasting General Studies is G 48, Appreciation of Music. Dean Fuller's class was given an exam the other day consisting on recognizing certain musical pieces played on the piano and phonograph. One of the selected numbers was the Stein Song. Out of a class of 45, only 29 students recognized the selection.

Some of the guesses are as follows. "There is a Shine in Your Eye", "It Is a Hymn", "I Was Seeing Nellie Home, etc.", "Scotch Air", "My Country 'Tis of Thee" (two votes), "America", and two youths remarked respectively, "Have never heard this anywhere," and "Familiar but I can't place it."

Whiskers

We have received the following communication from the Coop Barber Shop (Free Adv.). Not having an opportunity to observe the subjects ourselves, we are passing it on to you for what it is worth.

Dear Lounger:

Observe the beards of Professor Wiener and Professor Magoun very closely within the next few days. There is some sort of contest in progress.

The Coop Barber Shop

Notice

We predict that there will occur next week an event which will be exceedingly interesting to all students. Watch for it! (Free Adv.)

The directors of Oxford University once voted not to install baths in the dormitories as the students attend school only eight months of the year.

students to support undergraduate activities. What is your opinion of installing such a system at Technological?"

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Weiner
(Continued from Page 1)

don Mathematical Society, and in 1931-32 served as lecturer at the University of Cambridge.

A graduate of Tufts College in the class of 1909, Dr. Wiener received his doctorate from Harvard University in 1913. He has carried on advanced studies at Cornell, Columbia, and the Universities of Cambridge, Gottingen and Copenhagen. He joined the staff of M. I. T. in 1919 and in 1932 was appointed to full professorship.

The National Tsing Hua University is one of the largest in China, and is maintained by indemnity funds which the United States returned to that country for educational purposes following the Boxer Rebellion. It has a distinguished faculty, and from time to time entertains eminent men in various academic fields as visiting members of its staff. Among them have been Professor George D. Birkhoff of the mathematics department at Harvard, the Indian poet, Rabindranath Tagore, Bertrand Russell, the French mathematician, Hadamard, and the French physicist, Langevin.

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Student Dictators Murder Professor
In "Independence Day" Celebration

Editor's Note: This is the sixth and final installment of "That Was College Life," by Morris Mishop, reprinted from the New Yorker by special permission.

An Independence Day

The history of the University of Virginia has a certain sanguinary charm. In the thirties, the boys organized a military company. The faculty, fearing, perhaps, a student military dictatorship, ordered their charges to surrender their firearms. The young cadets voted: "Resolved, that we have our arms and intend to keep them." This was Saturday, November 12, 1836. Until Sunday night, the students had the campus to themselves. They fired off most of their ammunition, broke into the professors' houses, and amused themselves with the inmates. The hurly-burly was at length calmed by the arrival of the state troops.

The faculty dismissed those students who were known or suspected of being the rioters, and allowed them to return to good scholastic standing only on the acknowledgment of error and the promise of reform. These terms were regarded by the Virginia gentlemen as humiliating. They were published by the faculty's chairman, Professor John A. G. Davis, and he was regarded as personally responsible.

For several years thereafter the students celebrated the anniversary of the riot as a holy day in the history of student self-government. The celebrations reached their climax, on November 12, 1840, with the shooting and killing of Professor Davis. A contemporary student's letter says: "There

were only two rioters seen, who had been firing blank cartridges about the doors of the professors, masked and disguised. The two passed freely within a few feet of the peaceful students, completely concealed by their disguises, when one of the students told them to take care, as Mr. Davis was on the watch, near his house. One of the two immediately walked down that way, loading his pistol; but, in addition to the former charge of powder, he was seen to put in a ball, ramming it down against the wall of the house as he went. Nobody at that time, however, suspected anything, or felt himself authorized to interfere."

Heedless, carefree youth! They aren't really bad at heart, they are just scatterbrained; they suspect nothing when a companion loads his pistol with ball.

As Professor Davis lay dying, he was asked if he knew his assailant's name. He replied that he knew it perfectly well, but he refused to tell. A student named Simms was finally arrested and charged with murder. He forfeited his bail.

Ah well, let us not be prim about the failings of youth. Life ran lusty in the veins in those halcyon days of the past; and today it is sweet to look back on the brave world gone by, when college life was careless and bold, and the golden hours were filled with malicious mischief, assault and battery, and homicide. The professors need not be so despondent about student conduct when the present undergraduates paint the Founder's statue pink or kick over the professorial ashcans.

Union
(Continued from Page 1)

method of dividing the house. In the past, provision was made only for those definitely favoring one or the other side of the question. At this meeting, those who have no predetermined opinions will also be accommodated.

Problem Is Old One

The problem of reconciling religion with scientific discovery is one which has troubled mankind ever since the eighteenth century, when the insistence of intellectual leaders on the rationalistic method produced widespread skepticism of religion and kindred movements depending mainly on faith.

It is furthermore a problem peculiar to the student in engineering and scientific fields, since it is commonly claimed that the pursuits in his field of endeavor are constantly leading away from religion. It is a discussion of the truth of this vital fact that the Union faces tomorrow evening.

The familiar procedure of short speeches by the two opposing teams, and open forum discussion from the floor will again be followed.

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James Means
(Continued from Page 1)

and accessories, or in the application of physical, chemical, or mathematical science to the art of flight.

Candidates for the degree of Bachelor of Science who wish their theses to be considered for the James Means Prize are required to submit to Room 3-173 before May 1, 1935 an abstract of the thesis, together with a brief explanation of its aeronautical application.

This contest is open to the entire graduating class and not only to Course 16 men. Class theses may be submitted without rewriting.

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Tucker To Coach '35 Lacrosse Team

Played For Harvard And Was Chosen "All New England" In 1933

Walter "Tommy" Tucker, former all New England star, will guide the destiny of Tech's 1935 lacrosse team, it was announced yesterday in the introductory mass meeting. The meeting was attended by about twenty prospective candidates for the varsity and freshman teams.

Coach Tucker, although taking up his first coaching job, is well known to lacrosse fans. Playing inside home for Harvard in his final year, 1933, Tucker earned an all New England rating and became one of the outstanding players in the entire East.

Tucker will arrive this week-end in time for the opening practices next week. Handicapped by the lack of a cage, the Beavers will work out at Harvard and Tufts before the weather permits them to move outside.

The team will have to be rebuilt from the ground up as most of last year's players have graduated. Eight stickmen who have seen some service signed up yesterday: Captain Forster, Wolfe, Winiarski, Mathias, Colby, Halloran, Bulkley, Gulley.

Because of the scarcity of reporting freshmen, Manager Robinett has issued a call to all prospective players. The freshmen will play a regular schedule this season. Interested candidates should watch the sports bulletin board in the main lobby.

The schedule, which this year includes two trips was also announced at the meeting:

March 30--Boston Lacrosse Club Here.
April 13--Brown There.
April 23--Harvard There.
April 27--Union Here.
May 1--Boston Lacrosse Club Here.
May 4--Williams Here.
May 8--Tufts Here.
May 11--New Hampshire There.

Tech Fencers Lose To Columbia University

Ozol And Fenlon Star As Team Loses 18 to 19

The Technology fencers lost to Columbia University 18 to 9 last Saturday afternoon in a hard-fought series of matches. The meet drew a large and enthusiastic crowd.

Rudolph Ozol, varsity star, was the saving grace of the M. I. T. team when he vanquished his opponents at the foils and saber. Captain Huch Fenlon and Jose Suarez also performed admirably but lost to more experienced swordsmen.

Coach John Roth's boys are hopeful of a win this Wednesday night when they take on the Boston YMCA fencers at 7:30. The freshman fencers engage the Dorchester High School team in the Walker Gymnasium at 5:15 the same evening.

A summary of the meet follows:
Foil--Kellerman, Columbia, defeated Toorks, 5-4; Bartlett, 5-1; Orr, Columbia, defeated Fenlon, 5-2; Toorks, 5-1; Bush, Columbia, defeated Fenlon, 5-3; Dauphine, 5-2; Ozol, M. I. T., defeated Dorschel, 5-2; Orr, 5-4; Kellerman, 5-3.
Epee--Mateosian, Columbia, defeated Suarez, 2-1; Drake, Columbia, defeated Fenlon, 2-1; Suarez, 2-0; Orr, Columbia, defeated Bartlett, 2-1; Dorschel, Columbia, defeated Fenlon, 2-0; Strohsahl, Columbia, defeated Bartlett, 2-1; Suarez, M. I. T., defeated Dorschel, 2-1; Fenlon, M. I. T., defeated Strohsahl, 2-0; Rosenberg, M. I. T., defeated Drake, 2-1.
Saber--Mateosian, Columbia, defeated Dauphine, 5-1; Suarez, 5-3; Bertsche, Columbia, defeated Suarez, 5-3; Lombard, Columbia, defeated Dauphine, 5-1; Ozol, 5-2; Drake, Columbia, defeated Dauphine, 5-4; Ozol, M. I. T., defeated Drake, 5-4; Suarez, M. I. T., defeated Drake, 5-4; Toorks, M. I. T., defeated Mateosian, 5-3.

Squash Team Loses To Princeton and Trinity

Racquetmen Lose 5-0, 4-1 In Unsuccessful Trip

The Princeton and Trinity squash teams defeated M. I. T. 5 to 0 and 4 to 1 this week-end. Bainbridge, '35, defeated his brother, a Trinity student, in the only match won by the Engineers.

The meet with Trinity was a return meet and in this first meet Bainbridge was again the only victor, the final score being 4-1 as in the last meet.

SPORTS COMMENT

One of the gamest mat performances to be seen around here recently was that staged by Jervis Webb against his Tufts opponent at the Hangar Gym Saturday afternoon. Coach Jay Ricks had no 165 pounder to enter against Smith, the clever wrestler of that weight from Tufts, but Ricks did have two men from the 145 pound class, Webb and Ed Boyan. It was decided that one of them should compete in his own class, while the other should wrestle Smith at a twenty pound disadvantage.

Accordingly Boyan and Webb wrestled each other last Thursday in a match to decide in which class each was to compete, the winner to wrestle at his own weight on Saturday. As those who attended the meet in the Hangar Saturday will now know, Webb lost, for when the 165 pound match was called he carried the M. I. T. colors against Smith. From the start it was apparent that Smith would be the eventual victor, it being only a matter of time before Webb would be pinned. Smith almost had the Tech man down in the first minute, but Webb managed to stave off defeat for the time being. The Jumbo grappler then proceeded to apply a number of punishing holds and to attempt to wear his opponent down by making use of his weight advantage.

No one in the audience would have blamed Webb if he had succumbed after the first minute or two, but he continued his valiant defensive performance, even though he was taking plenty of punishment. Finally at the end of nine minutes the star Jumbo matman succeeded in pinning his lighter opponent, but for those nine minutes Webb gave one of the most praiseworthy performances ever to be turned in on a Tech mat.

One of the most drab Tech basketball seasons in several years will be a thing of the past after Wednesday night. New Hampshire administered a one-sided defeat to Coach McCarthy's team Saturday evening and Brown, with its two stars, Floren and Kennedy, is expected to make a successful invasion of the Hangar tomorrow evening.

We are reminded that spring is not far away by the lacrosse meeting yesterday. The stickmen are getting off to an early start, but it will be some time before they can get outdoors. They are following the example of Bill Haines' crews by getting into condition indoors so that they will be ready to jump into strenuous action with the coming of good weather.

Debate

(Continued from Page 1)

audience was amused by the caricature, which, while it was not too artistically drawn, illustrated the main point of the negative argument.

The Tufts team, comprising of Wilbur E. Quinn, '35, W. Bradford Coolidge, '37, and Lewis H. Parks, '36, maintained that the inadequacy of the present medical system and its inability to reach the proper classes warranted a drastic revision. Socialization, they argued, would be able to provide this adequate therapeutic care and at the same time give the doctor a far greater economic security than he now enjoys.

The Technology representatives, comprising Phillip J. Scarito, Jr., '37, Leonard A. Seder, '37, and Fred Wasserman, '37, admitted the need for revision but claimed that better results could be obtained by the installation of a system of health insurance similar to that of many European countries, inasmuch as such a compulsory method would, they said, eliminate the wasteful governmental graft that socialization would necessarily entail.

Professor Henry G. Pearson, head of the Department of English, presided at the meeting.

Freshmen Boxers Lose to Yale Team

Final Score, Yale 6--Tech 2; Rugo Sole Winner; Lucien And Murphy Draw

Tommy Rawson's yearling charges were the guests of Yale University over the week-end where they were defeated by the strong Eli team. The final score was Yale 6, Tech 2; Rugo of Tech being the victor. The other point was accounted for by Murphy and Lucien, both of whom got draws with their Yale opponents. Both of these bouts were Tech victories, but the referee thought otherwise. The general consensus of opinion around the Yale locker room after the meet was that the decisions had not been fair and the Yale coach, Moses King, even went so far as saying so.

On the whole, Tech was better than Yale in the lighter classes, but in the heavier classes, the reverse was true. Both teams employed different styles of fighting with the Tech boys specializing in the long jabs, with the Eli men better in close quarters with short blows to the midsection. One advantage that Yale had over the Beavers was that all the Yale men

Boxers Battered By West Point, 8 to 0

Beavers Make Trip To Academy With Four Veterans Out Of Lineup

The Technology varsity boxing team returned Sunday from a rather disastrous visit to the United States Military Academy at West Point. Outside of the unfortunate score, the boys had a very pleasant trip, being warmly treated by Uncle Sam's finest. Many of the boys had never seen the academy and consequently received quite a treat. The team that made this trip was a rather sadly patched-up varsity team, lacking regulars in the 135, 145, and 175 lb. classes including Capt. Nick Lefthes who has been out with a split knuckle.

Fine Performances by Wirtz and Casale

The closest bouts of the evening were the 155 and 165 lb. bouts fought by Elmer Wirtz and Jimmy Casale. Wirtz fought an aggressive battle all the way through the three rounds and was defeated only by the slightly superior boxing of Bagby of Army. Casale also was out-boxed in the first two rounds but was in such good condition that his reserve energy almost won the fight for him in the third round. Casale battered Parrot of Army in that last round until the Army man was dazed and defenseless. A K. O. was only prevented by the bell. Gleason did a fine job in the 135 lb. class, lasting almost 2 rounds although weakened by a cold and the severe grind of training down to 139 lbs.

Close Season With Springfield Meet

One week from next Saturday the boxers close their season by fighting Springfield College at M. I. T. Capt. Lefthes and other varsity regulars are expected to be in condition in time to fight in the closing meet.

A summary of the fight follows:

115-pound class--Beard (A), defeated Norton, decision.
125-pound class--Won by Army, forfeit.
135-pound class--Meany (A), knocked out Gleason in 1:20 of the second round.
145-pound class--Connor (A), knocked out Ahnaujan in 20 seconds of the second round.
155-pound class--Bagby (A), defeated Wirtz, decision.
165-pound class--Parrot (A), defeated Casale, decision.
175-pound class--Janzan (A), knocked out Gibbs in 1:10 of the second round.
Unlimited class--Won by Army, forfeit.

without an exception possessed bigger builds with longer reach.

A summary of the fight follows:

115 lbs. Rugo (T) beat Lawrence (Y) decision.
125 lbs. Murphy (T) drew with Bailey (Y).
135 lbs. Lucien (T) drew with Linthicum (Y).
145 lbs. Martin (T) lost to Tenny (Y) decision.
155 lbs. Wallace, John J., (T) lost to Carrol (Y) decision.
165 lbs. Dunn (T) lost to Smith (Y) decision.
175 lbs. won by Yale by forfeit.
Holloway (T) fought Danielson (Y) in a no decision exhibition bout.
Heavyweight Wallace (T) lost to Weed (Y) by K. O. 1st round.

Trinity Defeats Swimming Team

Captain Hall of Trinity Breaks Record In 400 Yd. Free Style Relay

Despite gallant performances by several men on the Technology swimming team, the natators lost to Trinity College last Saturday by the score of 52-25. Hall of Trinity captained a strong team to victory by winning the 50-yard free-style event, and leading his team to a new Trinity record in the 440-yard free style relay. The new time shaved 2 and one-fifth seconds from the old mark of 4 minutes, 41 1-5 seconds. Cleon Dodge, Tech anchor man in the relay showed an exceptionally powerful stroke when he gained 8 1/2 of the ten yard lead which

(Continued on Page 5)

Swimming

Wrestlers Lose To Jumbos Varsity

Freshmen Tie Tufts Yearlings 18-18 As Peyton Stars In Dramatic Win

The varsity grapplers were downed by their more experienced visitors from Tufts last Saturday afternoon when the Jumbos defeated them 20 1/2 to 9 1/2. At the same time, the freshmen tied the Tufts yearlings 18 to 18. The heavyweight bout in the freshmen meet was the most dramatic held in the hangars in a long while. The score before this match was 18-13, with Tech on the short end. Peyton the heavyweight flash was told of this fact just before he entered the ring, and he knew that he had to win by fall to tie the score. He did just that and he pinned Quirk of Tufts in 4m 34 seconds. Joe Heal in the varsity 165 lb. class put up a great fight with last year's Intercollegiate champion only to get a draw.

Summary:

Varsity

Clark (Tech) lost to Lutzin by time advantage.
126 lb. class Mardorosan (Tech) defeated Pagan, time advantage.
135 lb. class Scoboria (Tufts) defeated Boyan, time advantage.
145 lb. class Heal (Tech) drew with Hington in overtime.
155 lb. class Smith (Tufts) defeated Webb, fall 9m.
165 lb. class won by Tufts, forfeit.
Heavyweight Castoni (Tech) defeated Ordon, fall 8m. 30s.

Freshmen

118 lb. class won by Tufts on a forfeit.
126 lb. class Reynolds (Tufts) defeated Millus time advantage.
135 lb. class VanWort (Tufts) defeated Suter, fall 4m. 35s.
145 lb. class Ricker (Tufts) defeated Cetti, fall 7m. 28s.
155 lb. class won by Tech, forfeit.
165 lb. class Roberg (Tech) defeated Walbridge, time advantage in overtime.
175 lb. class Strom (Tech) defeated Farber, fall 3m. 5s.
Heavyweight Peyton (Tech) defeated Quirk, fall 4m. 34s.

CORSAGES

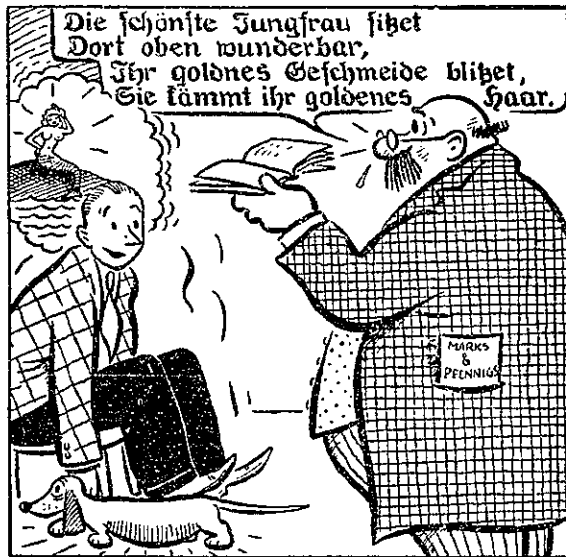
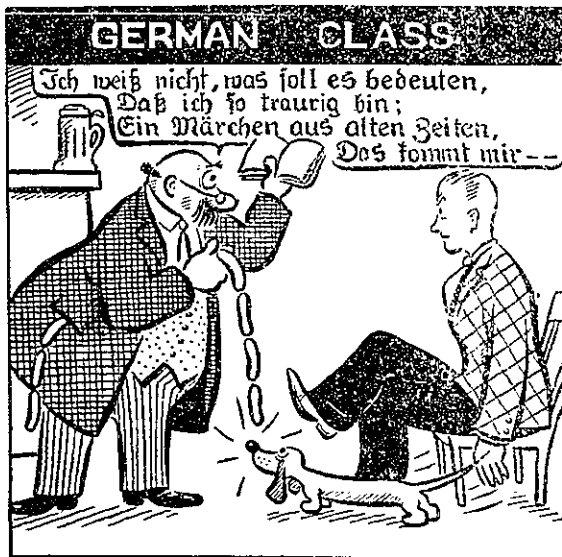
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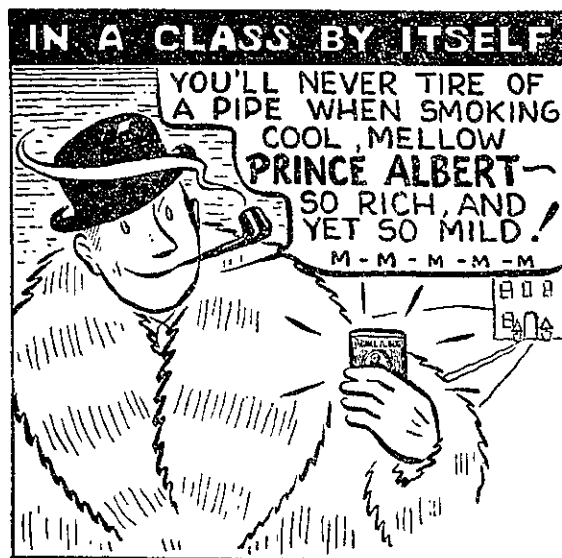
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Textile Research Shows Progress

Noteworthy Advances Are Made In Designing Of New Equipment

Progress in textile research at Technology was greater during the last four years than during the twenty preceding them, a report just issued by President Compton shows. The research was made possible by a grant of over \$42,000 from the Textile Alliance in 1930. Dr. Compton is chairman of the advisory and textile education survey committees of the textile foundation.

Textile research at Technology, which is carried on in the department of mechanical engineering, has three major objectives. One is the development of suitable apparatus and techniques for the mechanical and microscopical testing of textile fibres, yarns and fabrics. Another is the solution of current problems arising in the textile industry. The third is the application of developments in other fields to textile research, including X-ray analysis, polarized light, high speed motion picture photography, direct color photography, photonic cells, and high voltage electricity, with a view to keeping in advance of current laboratory practice and for a better attack on problems of fundamental significance.

Special Equipment Designed

Various testing machines in the Institute's laboratories have been renewed and several pieces of special equipment have been designed and constructed. The development of textile microscopy under the direction of Professor Edward R. Schwarz has already made important contributions to textile research. Special optical instruments have made possible advances in the study of raw and manufactured textile materials.

Three of the research fellowship projects established by the Textile Foundation in 1932 were assigned to Technology. One of these is in the field of microbiology, and important work has been done in co-operative studies under the direction of the textile laboratory and of Professor Samuel C. Prescott, head of the department of biology and public health.

Professors, Staff Co-operate

Professor Arthur C. Hardy, who developed the color analyzer, a device for measuring the color of opaque materials, such as paper, textile fabrics, ceramic products, and painted surfaces, co-operated in a project which had as its purpose a spectrophotometric color analysis of dyed textiles. Professor James F. Norris of the department of chemistry co-operated in another project in the field of organic chemistry of dyes. Valuable assistance was given by staff members of the department of geology in a study of petrographic methods and their application to precise determination of refractive indices for textile fibres.

While this research program was being carried on, members of the staff, particularly Professor Schwarz and Professor George B. Haven, were active in co-operative studies with various branches of the textile industry and several textile associations.

Crimp Tester Developed

Research in progress includes the development of an automatic crimp tester of new design. Another device now under construction is for investigating thermodynamically the rate of moisture regain in textiles and the nature of the hysteresis effect. The design and construction of a new power driven resilience tester and a new device for measuring "corkscrew" in yarns is projected.

Under the direction of Professor Schwarz, a complete set of finely calibrated immersion fluids has been constructed to allow precise determination of refractive indices for textile fibres in polarized light. Careful studies of fibre structure and orientation problems, and of the measurement of yarn structure and properties by means of the microscope are now going on. Three sets of longitudinal and cross-sectional mounts of the several hundred different fibres which form the basis of the Technology collection are being prepared. Such material for study and for identification of unknown specimens is unique in this Textile

(Continued on Page 6)

Institute Offers Advanced Degrees In Ceramics Dept.

Action Results From Notable Industrial Contributions From the Field

Award M. S. and ScU. Degrees

The notable contributions of ceramics in various industrial processes and the opportunities for applying modern knowledge in chemistry and physics for future developments has led to the establishment of advanced degrees in ceramics at the Institute, it was announced last night.

The Institute's course in ceramics, which during the past 20 years has made many original and important advances in its field, now offers advanced work leading to the degrees of master and doctor of science. Among the important contributions which have come from Technology's ceramics laboratories are asbestos shingles, kaolin brick, asbestos board, insulating refractories and machines for moulding silica brick. Through extensive research carried on in the laboratory kilns and furnaces, much light has been thrown on the nature of plastic phenomena and the mechanism of color in the form of new glazes and materials. Studies are now being made of quick methods of firing and forming, fresh decorative processes, and the adaptation of new materials to ceramic purposes.

Penrose Fund Granted

Recently the Geological Society of America presented the Institute with a grant from the Penrose Fund for a study of the origin of clays. The investigation will be carried out under the direction of Professor Frederick H. Norton, who is in charge of instruction and research in ceramics in the department of mining and metallurgy.

Institute Museum Established

A notable museum of historic and contemporary pottery and glassware, largely the work of native New England craftsmen, also has been assembled in the Institute's ceramic division. The collection contains a number of fine period pieces, and is of great value in tracing types of decoration and the general progress of the art.

The ceramics course at Technology emphasizes initiative, resourcefulness, and creative ability, rather than the study of details which can better be acquired in the manufacturing plant. The effectiveness of such training is evidenced by the fact that the demand for Technology graduates in this field

(Continued on Page 6)

Degrees

I. F. C. Dance

(Continued from Page 1)

ference have been selected to preserve order.

These ushers include: Walter H. Stockmayer, '35, president of the Senior Class, and H. Fiske King, '35, member-at-large of the executive committee of the Institute Committee, while the fraternity members are: J. Barton Chapman, '35, Chi Phi; Henry J. Ogorzaly, '35, Phi Mu Delta; John B. Ballard, '35, Phi Kappa Sigma; Robert S. Gillette, '35, Delta Upsilon; Frank L. Phillips, '35, Theta Delta Chi; Norris E. Ruckman, '35, Phi Sigma Kappa; Edwin A. Kass, '36, Phi Beta Delta; Roger S. Brookman, '35, Phi Delta Theta; Robert K. Kennedy, '35, Sigma Chi; Walter F. Noyes, '36, Alpha Tau Omega; Philip P. Johnston, '35, Phi Gamma Delta; William W. Garth, '35, Kappa Sigma; Morton Kanner, '36, Sigma Alpha Mu; William H. Rothen, '35, Theta Xi; James F. Notman, '35, Lambda Chi Alpha; Marshall M. Holcombe, '36, Delta Kappa Epsilon; and Carl H. Abel, '37, Theta Chi.

Final arrangements have been made allowing the dance to proceed until three o'clock, thus assuring five hours of music and dancing.

INFIRMARY LIST

Allen, Marjorie O., G.
Gilson, Helen, (Employee)
Hanson, Mildred, (Employee)
Hedberg, Carl A., '36
Patterson, James F., '36
Pomeroy, Theodore M., Jr., '35
Smyth, Harold T., G.

Reviews and Previews

Now playing at the movies:
METROPOLITAN — "Sweet Music" and Mitzi Green
LOEW'S STATE — "After Office Hours", "The Best Man Wins".
LOEW'S ORPHEUM — "Clive of India."

PARAMOUNT AND FENWAY—"All the King's Horses", "The White Cockatoo".

MODERN—"Wings in the Dark", "Women Must Dress."

"After Office Hours"

deals with an admixture of Park Avenue and Park Row, which have for their common ground a baffling murder mystery, solved by Clark Gable in the role of the hard-boiled newspaper editor, and Constance Bennett as a socialite cub reporter. Billie Burke, Stuart Erwin, and Harvey Stephens, are in the supporting cast.

"The Best Man Wins"

stars Edmund Lowe and Jack Holt as a pair of carefree fun-loving deep-sea divers, with the same girl (Florence Rice) as the object of their affections. Bela Lugosi is cast in the role of the wily, sinister "Dr. Boehm," mad scientist and gem smuggler.

"Clive of India"

traces the rise of Robert Clive (Ronald Colman) from a \$25 a year clerk in the East India Company to the conqueror of a nation—stressing the private life of England's great hero, and the part his lovely wife (Loretta Young) played in his triumphs and defeats. Accompanying this feature picture is an elaborate six-act stage show.

"All the King's Horses"

is having its world premiere at the Paramount and Fenway theatres ending tomorrow. Carl Brisson and Mary Ellis, Metropolitan grand opera star, are starred together in Hollywood's latest romantic musical comedy. "The Viennese", unusual dance creation by Sam Coslow, famous for his "Cocktails for Two", and six new song hits are among the embellishments to the amusing comedy of the original suc-

Compton Speaks Before Meeting of Professors

President Compton will address a meeting of the Technology chapter of the American Association of College Professors at 3:30 in Room 6-120 on the subject: "Organization of a National Program in Science." Professor Miles S. Sherrill, president of the chapter, will preside.

cessful stage play of the same name.

"Women Must Dress"

reverses the usual plot of the business man who is too engrossed in his affairs to be interested in his wife and family to the story of the woman who is too busy running a home to care for her fashionable dress establishment. Minna Gimbrell, Hardie Albright, and Gavin Gordon make up the cast.

"Wings in the Dark"

has a cast headed by Cary Grant and Myrna Loy, and depicts the romance and thrills in the development of peace-time aviation. Grant plays the role of a scientific explorer of the air and inventor, who strives to make aviation safe by perfecting devices for blind flying. Miss Loy is an experienced aviatrix who helps him to carry on his work with the money she earns from spectacular stunt flying.

Musical Clubs

(Continued from Page 1)

Upsilon, Theta Xi, Alpha Tau Omega, Sigma Chi, and Phi Mu Delta. Phi Sigma Kappa and Phi Mu Delta were the finalists.

Accompanist Presented Prize

The cup was presented to Miss Margaret Sullivan, pianist for the winners, by H. William Parker, '35, general manager of the Musical Clubs. Otto Zwanzig, '35, was master of ceremonies.

Paul St. Regis and his orchestra

Reduced Prices for I. F. C. Dance

—THE STUDENT FLORISTS—

AUGUST
The Florist

118 Mass. Avenue

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played amid a cabaret setting until three o'clock. The matrons present were Mrs. Leicester F. Hamilton, Mrs. James R. Jack, and Mrs. Ralph T. Joje.

Swimming

(Continued from Page 4)

Hall of Trinity had at the start of the last hundred yards lap.

The Institute team consisted of Dodge, Vonnegut, Granberg, Heywood, Patterson, and Hamilton. Dodge, Vonnegut, and Granberg won the 300-yard medley relay. Vonnegut took first place in the 200-yard breast stroke; Heywood did likewise in the dive. Granberg captured third place in the 100-yard free style; Patterson made third also in the 50-yard free style; Hamilton took the same place in the 440-yard free style; Heywood finishes the list with a third place in the 220-yard free style.

Menorah

(Continued from Page 1)

to all members of the society.

The Society wishes to correct a statement made to a reporter for the last issue of THE TECH. Professor William T. Hall was also among the speakers who addressed meetings of the society in the past.

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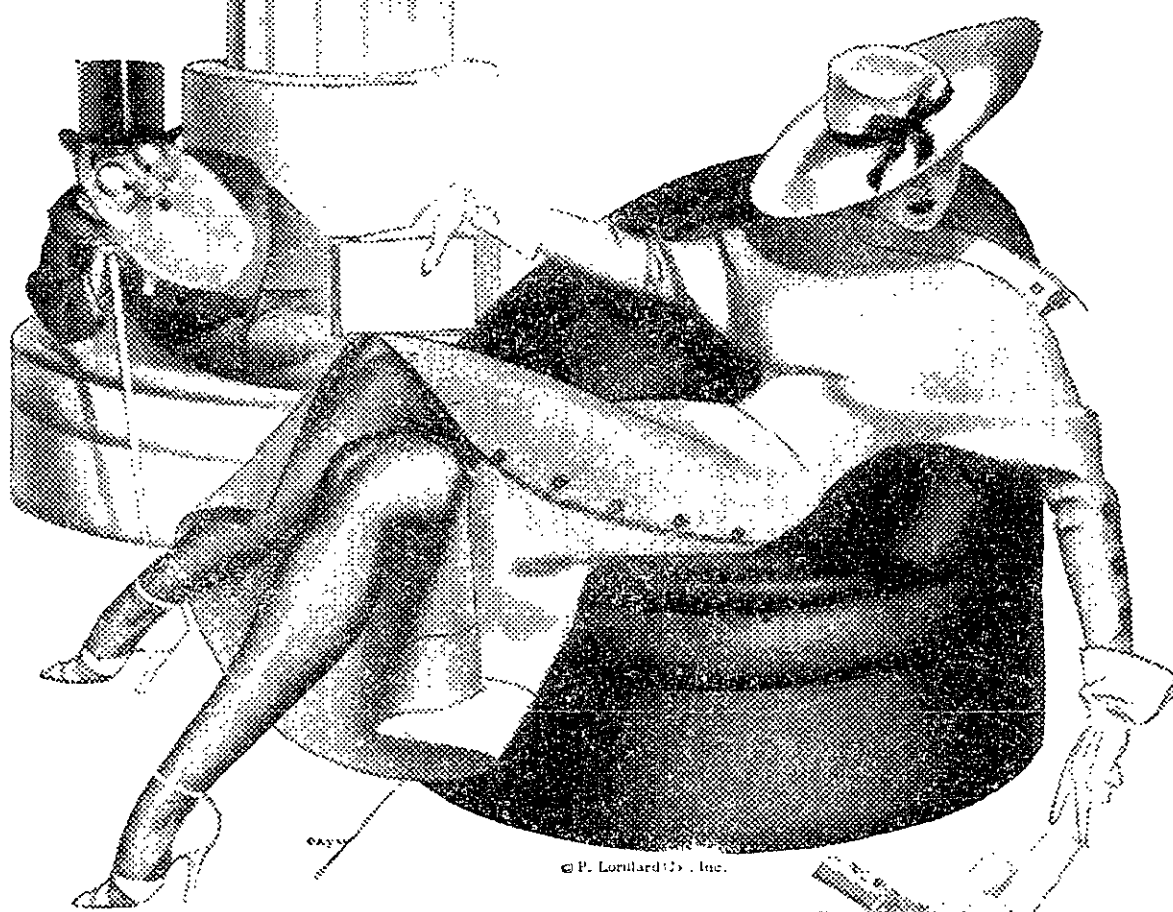
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AT TRYING TIMES.... TRY A Smooth OLD GOLD

CALENDAR

Tuesday, February 26

5:00—Glee Club Rehearsal, Room 10-250.
5:00—M. I. T. A. A. Meeting, West Lounge, Walker Memorial.
6:30—Orchestra Rehearsal, Room 10-250.

Wednesday, February 27

9:00-5:00—Senior Week Elections, Main Lobby.
6:00—The Graduate House Dinner, North Hall, Walker Memorial.
7:00—Basketball; Brown vs. Varsity.

Thursday, February 28

3:00—Department of Business Administration Lecture, North Hall, Walker Memorial.
3:00—Theoretical Seminar, "Theories of Magnetism, IV", Prof. F. Bitter, Eastman Lecture Room 6-120.
4:30—Physical Colloquium, "Reports on the Papers given at the New York Meeting", Room 6-120.
5:00—Institute Committee Meeting, East Lounge, Walker Memorial.
5:00—Glee Club Rehearsal, Room 10-250.
5:00—Beaver Key Society Business Meeting, West Lounge, Walker Memorial.
6:30—Orchestra Rehearsal, Room 10-250.
6:30—American Society of Refrigeration Engineers Dinner, Faculty Dining Room, Walker Memorial.
6:30—Alpha Chi Sigma Dinner Meeting, North Hall, Walker Memorial.
6:30—Society of Industrial Engineers Dinner, Grill Room, Walker Memorial.

Textile

(Continued from Page 5)

country and is a major project of the laboratory.

Polarized Light Employed

Work is also in progress in the further application of polarized light to studies of textiles; the improvement of stereoscopic photomicrography; motion picture photography through the microscope; improvement in the technique of obtaining cross-sections of textile fibres; and the fundamentals of the analysis of microscopic and submicroscopic fibre structure. In co-operation with a former member of the staff of the United States Depart-

ment of Agriculture, experimental work is under way on the determination of cotton quality by micro observation, and electrical measurements.

Degrees

(Continued from Page 5)

has invariably exceeded the number of men available.

Additional Qualifications for Degree

Candidates for the new doctorate in ceramics must have, in addition to strictly ceramic subjects, a thorough knowledge of physics, chemistry, physical chemistry, combustion, furnace design, x-ray and crystal structure, drying, heat measurements and

Costello Addressed FERA On Thursday

Unemployment insurance measures were discussed at an open meeting of the Institute chapter of the Federation of Student FERA Workers on Thursday, Feb. 21, at 4:00 P. M. in room 4-270 by Mr. Joseph Costello. Mr. Costello is president of the Haverhill Local of the United Shoe and Leather Workers' Union and a delegate to the recent National Congress for Unemployment and Social Insurance.

He spoke on the Townsend Plan, the Wagner-Lewis Bill, and the Workers' Bill, which is at present up for consideration before the labor committee of the House of Representatives. This latter measure has been endorsed by Congressman McCormack of Massachusetts and other unemployment insurance measures.

colloids. The degree of master of science will be awarded to students who pass with high standing a required number of advanced subjects. In awarding either degree, major emphasis will be placed on an original and convincing thesis.

Among the advanced special studies offered are optical ceramics, the investigation of products and materials with the petrographic microscope; fundamental ceramic processes, a detailed study of physical and chemical mechanism; the physical properties of ceramic products, dealing with properties of finished ware, methods of testing, and control of quality; and special problems, in which the student may choose his own topic of research.

THE ENGINEER DRESSES



A good fashion like a good man is hard to keep down. Just about three years ago the first reversible Harris Tweed and Gabardine top coat made its appearance at one of the Eastern football stadiums. It wasn't long before it had gained for itself a very important place in the wardrobe of most university men. Not only did it have the practical all purpose value for almost any type of weather (including rainy) for which a coat might be used, but it also featured a tendency towards looser models and rough fabrics. In another year, it reached the point where so many reversibles were being sold, and so many men wearing them, that they lost favor with those who prefer to feel that their apparel has something not necessarily in common with the taste of drug store collegians. However, now that the latter group have dropped the reversible, those who were first to take it up are again feeling kindly disposed towards it, to the extent that this is one coat which is definitely back in an important position in every campus wardrobe.



Far be it from us to get mixed up in any geographical reconstruction, but there seems to be some relation between Norway and Scotland when it comes to the making of hand knit gloves, even though that dirty bit of

water, the North Sea, has separated the two lands for as far back as one cares to go. Nevertheless, with knitted gloves becoming more popular for all types of wear and with due respect for the importance of the string glove which started this fashion tendency, both the hand knitted Scotch gloves and the contemporary Norwegian gloves have an appeal in common. These gloves, unique in patterns and colorings, knitted of wool have something about them, aside from the fact that they really keep one's hands warm.

S. C. E.

(Continued from Page 1)

meetings will bring out a larger attendance. In addition to student members of the society, Professor C. B. Breed, head of Course I, and Professor J. B. Babcock and A. J. Bone, members of the Course I staff, were present at yesterday's meeting.

The University of Southern California handles the cheating problem in a new way. When a student sees another cheating, he begins to stamp his feet and keeps on until the whole class follows. The stamping continues until the cheater stops his tactics.

Professors at the University of Michigan formulated 15 ways to keep their students awake.

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On the air—

MONDAY	WEDNESDAY	SATURDAY
LUCREZIA	LILY	RICHARD
BORI	PONS	BONELLI
KOSTELANETZ ORCHESTRA AND CHORUS		
9 P. M. (E. S. T.)—COLUMBIA NETWORK		