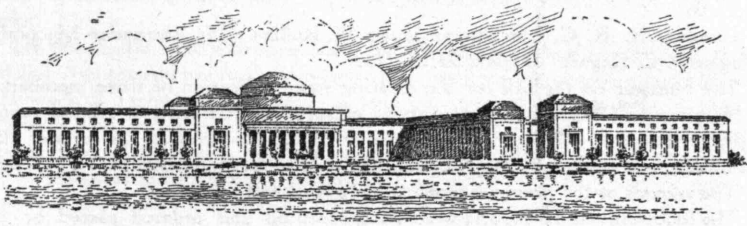


COLEMAN DU PONT, '84
President of the Alumni Association



The Technology Review

Published at Cambridge "A" Branch, Boston, Mass.

ROBERT E. ROGERS, *Editor*, Massachusetts Institute of Technology, Cambridge, Mass.

VOL. XXI

JULY, 1919

No. 3

THE ANNUAL COUNCIL MEETING

General Coleman du Pont, '84, the new president — reports of splendid activity during a discouraging year — the promise of the future

THE seventieth and Annual Meeting of the Alumni Council was held at the Engineers' Club, Boston, Monday, May 26, 1919. The usual informal dinner was served at 6.30 P.M., with an attendance of forty-one. Maj. Alexander Macomber, '07, just back from overseas service, was salad orator. The meeting was called to order at 7.45 by President Morss, with an attendance of fifty-three, as follows:

President (retiring), Henry A. Morss, '93; president-elect, Coleman du Pont, '84; secretary-treasurer, Walter Humphreys, '97.

Executive Committee: Orville B. Denison, '11; Charles R. Main, '09; Carl W. Gram, '09; Kenneth Moller, '07.

Ex-presidents: Frederic H. Fay, '93; Henry J. Horn, '88; Francis R. Hart, '89.

Representatives-at-large: Z. W. Bliss, '89; S. G. H. Fitch, '00; C. W. Aiken, '91; Bradley Dewey, '09; Russell Robb, '88.

Class representatives: '68, R. H. Richards; '72, C. Frank Allen; '75, Thomas Hibbard; '76, Charles T. Main; '83, Horace B. Gale; '84, Harry W. Tyler; '85, Arthur D. Little; '95, H. K. Barrows; '96, J. A. Rockwell; '97, Charles Bradlee; '98, S. K. Humphrey; '00, Ingersoll Bowditch; '01, Robert L. Williams; '02, F. H. Hunter; '04, M. L. Emerson.

Representatives of local associations: H. N. Dawes, '93; Charles W. Eaton, '85; Everett Morss, '85; R. A. Hale, '77; John C. Chase, '74; Walter D. Davol, '06; Charles F. Lawton, '77; A. D. Maclachlan, '96; Frank L. Pierce, '89; Charles M. Spofford,

'93; George E. Russell, '00; B. G. Philbrick, '02; A. G. Robbins, '86; Frederic W. Fuller, '96.

Guests: Dr. R. C. Maclaurin; James W. Rollins, '78; Alexander Macomber, Professor R. E. Rogers, '07; Mr. Scully, '15.

The business on the call for the meeting was: "Election of three members to the Nominating Committee, appointment of standing committees, annual reports of officers and committees, proposed change in By-Laws concerning the term of office of president and new administration, consideration of further report on "The Tech."

The records of the previous meeting were read and approved.

The following annual reports were read, accepted and ordered placed on file: Report of the Secretary-Treasurer, Report of the Auditors, Report of the Committee on Permanent Funds, Report of the Alumni Fund Committee of 1912, Report of the Runkle Memorial Committee, Report of the Massachusetts Institute of Technology Committee on National Service.

It was VOTED: That it is the sense of the Council that Mr. Gibbs, upon his return from the Technology Bureau in Paris, should receive \$1000 from the War Funds, as a present of appreciation.

Reports were read, accepted and ordered placed on file: Athletics, Budget and Finance, Tech Show, Musical Clubs.

The Council balloted for members on the Nominating Committee for three years, and the following were elected: Henry A. Morss, '93; Frank L. Locke, '86; Orville B. Denison, '11.

The Nominating Committee nominated members for the standing committees, and by vote the following were declared elected:

To the Committee on Assemblies: W. R. Mattson, '13, until 1924.

To the Committee on Permanent Funds: R. H. Richards, '68, until 1922.

To the Committee on Publication of the TECHNOLOGY REVIEW: Wilfred Bancroft, '97, until 1923 (replacing D. G. Robbins, resigned); Arthur T. Hopkins, '97, until 1924.

To the Committee on the Historical Collection: Paul C. Leonard, '17, until 1920 (replacing C. M. Baker, deceased); Professor A. E. Burton, until 1924.

The Committee recommended no changes in the special committees, i. e., the Alumni Fund, the Runkle Memorial, the Revision of the Constitution and By-Laws.

The Executive Committee recommended to the Council the following proposed change in the By-Laws: A new section, to be called Section 6, of Article I, to read as follows: "The elected officers of the Association shall take office each year at a date to be fixed by the Council and not later than July 1."

This proposed change may come before the Council for action after thirty days from date of publication in the TECHNOLOGY REVIEW.

Professor Tyler spoke to the Council on the work on the proposed War Records and suggested an early meeting of the Association of Class Secretaries.

Professor Tyler spoke further on the question of reorganizing the Technology Club, and announced that a Smoke Talk would be held in the Walker Memorial on Tuesday, June 10, in co-operation with members of the Instructing Staff.

President Morss then introduced President-elect Coleman du Pont, who addressed the Council and acknowledged the honor one received in being elected president of the Association. He spoke of the fact that people outside of Boston do not realize what is being done here at Technology and that those who live about here absorb the knowledge concerning the Institute through the papers and through their contact with Technology men. It is his belief that during the next few years the Alumni Association can in an unusual way help Technology and the student

activities. He suggested that the problem of the alumni relation to "The Tech," if properly handled, gives as an example an opportunity for work on the part of the alumni.

Dr. MacLaurin next addressed the Council and stated how fortunate it was, in his belief, that the Alumni Association has as its new president one who is so interested in the work of Technology and who has such a broad outlook. He believes that the conditions now are abnormal, as confirmed by the experience of the Deans, who were recently at Technology from all parts of New England in conference. They all told the same story of the demoralization of the student body which, however, does not mean at all the depravity of boy nature at this time. It is a fact that the colleges have relatively few in the upper classes, and the larger part of the student body are members of the lower classes and have, therefore, been at the colleges for so little time that they have not assimilated the traditions of the schools. At Technology almost one-half the students are freshmen, and for some time the influence of the upper class men has been depended upon for training the under classes. He suggested that the students looked, foolishly perhaps, upon the Faculty as their natural enemies, and are on that account all the more ready to receive advice from the alumni. He suggested that this is a time of great importance, for never was there a time that offered a greater opportunity for Technology. He has been at the Institute for almost ten years and never has there been so many letters of inquiry from foreign countries as he has received during the past three or four months. He believes it is due to the splendid achievement of our men in the war and the general interest taken by people throughout the world, because of the war, in technically trained men.

MORE FOREIGN STUDENTS THAN EVER BEFORE

STUDENTS at the Institute from other countries number more than ever before this year, there being about one hundred and fifty in this group. There are notable increases in students from Russia, Norway and Spain, the numbers being ten, eleven and five respectively. England, Denmark, Greece and Turkey are the other countries of Europe represented at the Institute.

In South America, Chile has been a country sending very few students here. A prime reason for this has been the existence of the government universities with free tuition. The advantages of education in the United States have been discovered through the investigations of a number of representatives, and there are now at the Institute seven men from this southern republic.

Colombia equals its best previous record with four, while five other countries maintain their number of last year. Mexico has five men, and three Central-American countries have smaller numbers. Canada has not diminished the number of students notwithstanding the war. The Orient, represented by China and Japan, has some fifty men in the school, a number sufficiently large so that there is a Chinese Club in addition to one of Latin-American students and the larger, all-embracing Cosmopolitan Club, with its twenty-five nationalities.

ARMY NOTE

In a course conducted at Technology by a sergeant, there are several lieutenants, a half dozen captains, and a lieutenant-colonel.

REPORT OF THE SECRETARY-TREASURER FOR THE YEAR 1918-1919

For the first time in the history of the Alumni Association, the administration has extended from May of one year to the May of the following year instead of being coincident with the calendar year.

The present administration took charge of the Alumni Association after the Annual Meeting of the Association in May, 1918, and surrenders its charge to the incoming administration at the Annual Meeting on May 26, 1919.

At present, and for several good reasons, the financial year of the Association remains coincident with the calendar year, and for the sake of comparison the following statistics are as of the date of January 1, 1919.

The membership in the Association on January 1, 1918, was seven thousand five hundred and fifty-four, to which were added the graduates of the classes of '18 and '19 amounting to four hundred and fifty, the class of '19 because as a class it was graduated in October, 1918, after an intensive program. To these were added by election fifty-eight, making a total of eight thousand sixty-two, but during the year one hundred died, which leaves the balance on January 1, 1919, of seven thousand nine hundred and sixty-two, of whom three hundred and forty-three are life members.

During the year, dues were received from three thousand three hundred and twenty-six members, the percentage of those who have paid their dues has dropped from fifty-six and one-half per cent of last year to forty-eight and one-half per cent of the membership. This is readily accounted for by the war and by the large number of our members who have been in service to whom automatically dues notices were sent but to whom second notices were not sent, and with the understanding that the men in service would not be called upon to pay their dues unless they saw fit themselves upon the receipt of the formal dues notice.

For this administration there have been five meetings with an average attendance of thirty-one. The Executive Committee called a special meeting in September at which time it was voted to hold the Council meetings every other month rather than monthly unless the Executive Committee found reason for calling the Council together. This program was followed except that a special meeting was called for the last Monday in April.

Rather than to report in detail what has happened during the year of this administration, President Morss' complete and admirable report of the activities of the Association is referred to as printed in the April number of the TECHNOLOGY REVIEW, Volume XXI, page 143, and is submitted as the Annual Report of the Administration.

Since the Annual Dinner, when Mr. Morss made this report, two meetings have been held besides the Annual Meeting of tonight, and at these meetings the question of co-operation between the Alumni and "The Tech" has been discussed. The report by the Alumni Advisory Committee on Undergraduate Publications made at the last meeting has been accepted, whereby the Alumni will cease active control and representation upon the Board of Editors of "The Tech" on July 1, 1919.

The question of the re-establishment of the Course in General Studies, the Course IX of the time of General Walker, has been discussed and a committee has been appointed to consider this question.

The annual election has taken place and nomination to the Corporation of term members has been made.

The president of the Technology Clubs Associated, Dr. Godfrey of Philadelphia, has appeared before the Council and outlined the plan for a meeting of the Technology Clubs Associated in Philadelphia in September, 1919. An interesting program was outlined with plans to use this meeting to start an interest in the All-Technology Reunion proposed for 1920.

During the past year, by vote of the Alumni Council, when it has been impracticable to obtain a quorum of the various standing committees their duties have been assumed by the Executive Committee except in the case of the General Nominating Committee. Because of the absence of so many members from the various Standing Committees, the reports from the Standing Committees are abbreviated in numbers and in content.

According to the regulations and by-laws, the accounts of the Association have been audited and a report is made to the Auditing Committee upon the basis of an examination by the certified public accountants, Messrs. Patterson, Teele & Dennis. By this report it is found that in 1918 the surplus account was added to by the amount of \$136.43. This is in spite of a deficit of the TECHNOLOGY REVIEW amounting to \$563.74.

An attempt has been made, upon the recommendation of the Council this year, to reduce the volume of the TECHNOLOGY REVIEW by using a different font of type and by lessening the margin of the pages of the REVIEW, with the result that the January number of 1919 had one hundred and forty-four pages, twenty-two pages less than the January number of 1918, which had one hundred and sixty-eight pages. The April number was reduced from one hundred and seventy-six in 1918 to one hundred and fifty pages in 1919. In spite of this reduction, however, the cost of publication has advanced on account of the advanced price in paper and in labor.

Practically all of the money obtained from sustaining members may be accounted for by the increased cost of the publication of the REVIEW. Some of this money has purposely been credited to the REVIEW because of the subscriptions which have been continued to the men in service who have not paid their dues for the past year. The REVIEW has entered the organization of the Alumni Magazines Associated, and will, it is likely, receive increasing income from advertisements of national advertisers, who, through this organization, will see fit to advertise in alumni magazines.

While the amount received from dues for the past year was reasonably large, the per cent of members paying their dues dropped noticeably, and the question will come before the Council as to what steps should be taken toward increasing its revenue if it purposes to extend its activities.

Respectfully submitted,

WALTER HUMPHREYS,
Secretary-Treasurer.

TREASURER'S STATEMENT FOR 1918

ASSETS		
Cash	\$3,680.06	
Accounts receivable	1,200.94	
Notes receivable	1,000.00	
Furniture and fixtures	901.35	
Inventory accounts	981.84	
		\$7,764.19
LIABILITIES		
Accounts payable	\$5.40	
Life Membership account	300.00	
Advance payments	21.00	
Organizations	248.92	
Committee on National Service	6,528.80	
Income, 1919	121.00	
		\$7,225.12
Surplus account		539.07
		\$7,764.19
EXPENSE, 1918		
Secretary's salary	\$500.00	
Labor, alumni office	2,777.89	
Postage, printing and stationery	961.75	
Carfare, telephone and telegraph, etc.	67.35	
Collection expense	6.32	
Council expense	27.00	
Traveling expense	66.67	
Miscellaneous expense	221.03	
All-College Rally	134.44	
		\$4,762.45
10% depreciation		100.15
REVIEW:		
Editor's salary	\$500.00	
Advertising Manager	600.00	
Office labor	619.21	
Paper	2,196.60	
Postage	347.79	
Printing	3,839.87	
Supplies and expense	112.72	
		8,216.19
Excess income over expense		\$13,078.79
		136.43
		\$13,215.22
INCOME, 1918		
*Sustaining membership	\$1,296.00	
Dues, 1918	3,347.00	
Back dues	275.00	
Interest and discount	471.05	
Gifts	15.00	
Annual dinner, 1918	35.54	
Office profit	940.18	
		\$6,379.77
REVIEW:		
Subscriptions	\$3,606.00	
Back payments	274.00	
Advertising	2,898.75	
Other income	56.70	
		6,835.45
		\$13,215.22

*\$337.00 of this amount was credited to TECHNOLOGY REVIEW for subscriptions of men known to be in service.

REPORT OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY COMMITTEE ON NATIONAL SERVICE

THE Massachusetts Institute of Technology Committee on National Service respectfully submit the following report of work for the past year:

The first real work of the committee was to find a successor to Mr. Lansingh as director of the Paris bureau, and fortunately it made a most excellent selection in Mr. Gibbs.

From the reports coming to the Women's Auxiliary it is certain that the work of Mr. Gibbs in Paris has been most efficient and has brought forth much praise, even from other than Tech men.

Our original request for subscriptions for this work was for the year ending 1918, and the committee, after that date, made a renewed plea for the continuance of the 1918 subscriptions for the year 1919, it being their opinion that owing to the end of the war, men arriving in Paris would need money for various purposes, and that the demand for money for this period might exceed the actual war-time demands.

Our fear for the financial distress of the men has not been realized, and the time of continuing the Tech bureau will probably not be as long as anticipated, owing to the rapid demobilization of the army, and it is expected to close the Tech bureau in August or September. Mr. Bemis of our committee is now in Paris and is expected home soon, and we have asked him to consult with Mr. Gibbs as to the time of closing the bureau, and will take action on this matter on Mr. Bemis' return.

Our financial report is as follows, including the subscriptions from the Corporation:

RECEIPTS

Corporation subscriptions	\$18,095.00
Alumni	33,844.80
Total	\$51,939.80

DISBURSEMENTS

War Service Auxiliary	\$18,600.00
Paris Bureau	13,966.56
American University Union	4,000.00
"The Tech"	3,023.24
War Records	1,862.29
Collection of funds	1,054.65
Washington Office	759.74
Miscellaneous	1,154.64
Total	\$44,421.12
Balance on hand	7,518.68
	\$51,939.80

A committee has been appointed by the Council to prepare and publish a Tech war record, and it has been suggested that any balance we have in the treasury be used for this purpose. The committee would agree to this, but has doubts about collecting more money from the alumni if such money is to be used for a war record

rather than for the avowed purpose of the subscription, which was for war service; without at least asking the consent of the donors.

This committee especially recommends that the great service done by the Women's Auxiliary under the able and inspiring leadership of Mrs. Edith Cunningham, and the equally great work done by Lansingh and Gibbs in Paris, with full records of their work, be given a proper recognition in the war records of Technology.

A colonel of railway engineers, not a Massachusetts Institute of Technology man, wrote to the War Service Auxiliary:

"What a splendid work you have done. One has a heritage when he has Tech for an Alma Mater, such as no other institute gives, and how splendidly, too, her sons have done."

JAMES W. ROLLINS,
Chairman.

May 26, 1919.

HALF A MILLION FOR RESEARCH

Noyes and Hale to be directors for the Rockefeller Foundation

AN appropriation of \$500,000 to promote fundamental research in physics and chemistry has been announced by the Rockefeller Foundation. The fund, to be administered by the National Research Council, will be utilized to support during a five-year period several fellowships whose holders working in the laboratories of co-operating universities, will turn over to American educational and industrial institutions the results of their investigations.

The plan, expected to build up a continuously expanding corps of expert investigators, will be put into operation by the selection of a group of "fellows," scientific college graduates especially adapted to research and of an age (twenty-five to thirty years) when "imagination and creative powers are at their best." They will experiment in institutions adequately equipped for such work, in the basic principles of the two sciences, rather than their adaption to particular products, leaving the latter feature to private research organizations, largely maintained by the great industrial corporations, which, with the general public, will benefit by the investigations planned. In no case, the Foundation said, will an investigator have any proprietary interest in his discoveries.

The fellowships, according to the announcement, will lead their holders to important posts in industrial laboratories or to professorships in colleges, create more favorable conditions for research in American universities and lay the basis for more effective national participation in the sharpened industrial competition expected with the advent of peace.

The plan will be administered by Professors Bumstead, of Yale; Kohler, of Harvard; Millikan, of Chicago; Arthur A. Noyes, former president of Technology, in co-operation with Bancroft, of Cornell; Simon Flexner, director of the Rockefeller Medical Institute, and George E. Hale, M. I. T., '90, director of Mount Wilson Observatory, members of the Research Fellowship Board of the National Research Council. The latter organization, operating under the auspices of the National Academy of Sciences, and by executive order of the president, is in close touch with the government, and has representatives in London, Paris and Rome, filling the newly established position of scientific attaches to the embassies.

REPORT OF THE ALUMNI FUND COMMITTEE

ON behalf of the Massachusetts Institute of Technology Alumni Fund Committee I submit the following report:

RECEIPTS

Subscriptions received to March 31, 1919	\$598,412.37
Income	23,132.75
Total	\$621,545.12

EXPENDITURES

Appropriated account Technology Site	\$20,000.00
Appropriated account Educational Equipment	355,000.00
Appropriated account Walker Memorial	160,000.00
Appropriated account Dormitories	40,000.00
Appropriated account Reunion	19,672.06
Cash on hand	26,873.06
Total	\$621,545.12

As payments on account of subscriptions are due October 1 each year and as the first payments were due October 1, 1912, the following table shows the receipts from subscriptions to September 30 each year:

Receipts to September 30, 1913,	\$145,679.36
Receipts year to September 30, 1914,	81,569.14
Receipts year to September 30, 1915,	74,870.78
Receipts year to September 30, 1916,	115,127.64
Receipts year to September 30, 1917,	92,852.51
Receipts year to September 30, 1918,	55,844.85
Receipts six months March 31, 1919,	32,468.09
Total	\$598,412.37

On February 7, 1919, a list was made of subscriptions which at that time had been neither paid nor cancelled, and classified as to date due, and at the same time we have shown the amount by which these subscriptions have been reduced during the year ending February 7, which corresponds approximately to our cash receipts during that period:

DUE	REDUCTION DURING THE PAST YEAR	
October 1, 1912,	\$3,093.00
October 1, 1913,	4,822.00	\$170.00
October 1, 1914,	8,566.00	1,000.00
October 1, 1915,	9,397.00	1,000.00
October 1, 1916,	12,431.00	2,600.00
October 1, 1917,	8,888.00	1,500.00
October 1, 1918,	7,693.00	20,700.00
October 1, 1919,	21,225.00	7,000.00
October 1, 1920,	16,833.00	1,000.00
October 1, 1921,	8,419.00	
October 1, 1922,	993.00	
	\$102,360.00	\$34,970.00