

provision must remain in the bill because the American Federation of Labor demanded it.

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WASHINGTON, D. C.

PROGRESS IN RESEARCH AT MELLON INSTITUTE DURING 1931-32

ACCORDING to the *Nineteenth Annual Report* of the director, Dr. E. R. Weidlein, to the trustees of Mellon Institute of Industrial Research, Pittsburgh, the sum of \$722,541 was received by the institution from industrial fellowship donors during the fiscal year ended February 29, 1932. The total amount of money appropriated by donors to the institute for the past 21 years was \$8,277,018, all of which was expended in defraying the cost of scientific investigations conducted for these companies and associations. Throughout the year covered by the report, 75 industrial fellowships, employing 176 investigators and engineers, were in operation. At the close of the year 58 fellowships were active, and of these 28 have been at work for 5 years or longer and 13 have concluded more than 10 years of research.

In reviewing the progress that has been made since 1911, when the industrial fellowship system was established at the University of Pittsburgh, Dr. Weidlein points out that the Mellon Institute has had fellowships on 230 distinct subjects, on which 775 scientists and engineers have been engaged. In all, during the period 1911-1932, 313 fellows and 357 fellowship assistants of the institute have completed their services to science and technology in the institution and have entered the fields of industry and education. As trained additions to the forces of manufacturing and teaching, these men, Dr. Weidlein says, constitute the institute's greatest contribution to humanity.

The fellowship achievements of 1931-32 are summarized in the report, special attention being given to the research advances made by the Air Pollution Investigation, the Multiple Fellowship on By-Product Coke, the Iodine Investigation, the Organic Synthesis Fellowship, the Petroleum Production Fellowship, the Protected Metals Fellowship, the Steel Fellowship, the Sugar Investigation and the Fur Fellowship. The activities of the institute's department of research in pure chemistry are also described.

During the calendar year 1931, members of the institute made the following additions to the literature: 2 books, 4 bulletins, 39 research reports and 33 other papers. Twenty-two U. S. patents and 33 foreign patents were issued to fellows. Lists of publications, 1911-1932, and copies of Dr. Weidlein's report for 1931-32 will be sent free of charge to laboratory directors, librarians and science teachers upon request.

The constructional work on the institute's new building is said to be proceeding satisfactorily; it is thought that this edifice will be completed and ready for occupancy in the summer of 1933.

PRINCETON CHAPTER OF SIGMA XI

THE sixtieth Chapter of Sigma Xi was installed at Princeton on March 19, 1932, and includes faculty members and students of Princeton University and staff members of the Princeton branch of the Rockefeller Institute for Medical Research. Dr. L. B. Wilson, national president, and Professor Edward Ellery, national secretary, were present to conduct the ceremonies. The installation took place in the historic faculty room in Nassau Hall, after which followed a banquet in Procter Hall of the Graduate College.

Twenty-six members of the faculty were initiated to full membership. Fourteen others were elected to membership, but were absent at the time of the initiation. Forty-two Sigma Xi members from other chapters, who are now on the Princeton faculty, affiliated themselves as charter members of the new chapter.

The officers elected for the first year were:

<i>President</i>	G. H. Shull
<i>Vice-President</i>	E. N. Harvey
<i>Secretary</i>	Paul MacClintock
<i>Treasurer</i>	E. R. Caley
<i>Committeeman</i> , 3 years.....	A. M. Greene, Jr.
<i>Committeeman</i> , 2 years.....	R. W. Glaser
<i>Committeeman</i> , 1 year	A. F. Buddington

The presidential address by Dr. L. B. Wilson was "The Cultural Implications of Research in the Sciences."

Eight visiting delegates were present as follows:

<i>Chapter</i>	<i>Delegate</i>
Brown	Leonard Carmichael
Columbia.....	J. W. Barker
Lehigh.....	Gilbert Doane
New York University	H. Austin Taylor
Pennsylvania	Charles W. Burr
Rutgers	M. A. Chrysler
Swarthmore	Edward H. Cox
Yale	L. L. Woodruff

THE OHIO ACADEMY OF SCIENCE

THE Ohio Academy of Science will hold its forty-second annual meeting at the Ohio Wesleyan University, Delaware, on April 28, 29 and 30, under the presidency of Dr. Alpheus W. Smith, of the Ohio State University. The program of the meeting, as now being formed, will follow in a general way those of other years, which is to say, a short business session of the academy will be held early Friday morning followed by a general scientific session to be ad-