

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

JOHN H. MACCRACKEN
AMERICAN COUNCIL ON EDUCATION,
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, 3 years</i>	A. M. Greene, Jr.
<i>Committeeman, 2 years</i>	R. W. Glaser
<i>Committeeman, 1 year</i>	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-

dressed by distinguished scientists on topics of general interest; the afternoon will be devoted to sectional meetings, seven in all; and Friday evening will be given over to the annual dinner following which the presidential address will be given and possibly other interesting features, including a social acquaintance hour. Saturday will be devoted mainly to an adjourned business session and the completion of the sectional programs and for such diversions, social and otherwise, as may be provided by the local committee, including a trip to the famous Perkins Observatory.

The preparation of the sectional programs is in the hands of the several vice-presidents, as follows:

Zoology, Dwight M. DeLong, the Ohio State University, Columbus.

Botany, Arthur T. Evans, Miami University, Oxford.

Geology, E. M. Spieker, the Ohio State University, Columbus.

Medical Sciences, Shiro Tashiro, University of Cincinnati, Cincinnati.

Psychology, Horace B. English, the Ohio State University, Columbus.

Physical Sciences, Forrest B. Tucker, Oberlin College, Oberlin.

Geography, Eugene Van Cleef, the Ohio State University, Columbus.

It is worthy of note that the last mentioned section, "Geography," is a new section and meeting for the first time with the academy. As the "baby" of the academy it is attracting considerable attention to itself!

The early arrivals on Thursday will find ample provision for their comfort and pleasure in the way of excursions about the city in the afternoon and possibly an informal talk or lecture by some well-known member of the academy or invited guests, followed by a social hour.

The local arrangements are in the hands of the following committee: Claude E. O'Neal, *chairman*, Allen C. Conger, Philip C. Edwards, C. W. Jarvis, Edward L. Rice, William E. Riecken, Lorin A. Thompson, Don B. Watkins and Louis G. Westgate.

WILLIAM H. ALEXANDER
Secretary

SOCIETIES AND SECTIONS MEETING AT THE SYRACUSE MEETING OF THE AMERICAN ASSOCIATION

PLANS are rapidly shaping together for the sectional meetings and those of associated societies for the summer meeting of the American Association for the Advancement of Science to be held in Syracuse from June 20 to 25.

Thus far seventeen organizations have signified their intention of cooperating to make this meeting a successful one. Section A (Mathematics) has plans for

at least two sessions. It is expected that each invited speaker will have an hour for discussion on a selected topic. Professor W. A. Hurwitz, of Cornell, and Professor H. N. Gehman, of Buffalo, have accepted invitations to speak.

The American Chemical Society will hold a regional meeting in connection with Section C. A symposium on "The Effect of X-Rays on Biological Life" is planned for Friday morning, June 24. Members of Section B (Physics), Section F (Zoological Sciences) and Section N (Medical Sciences) will undoubtedly participate in this symposium. Friday afternoon and Saturday morning will be devoted to selected papers. The papers on Saturday morning probably will be of greater interest to industrial chemists.

Section E (Geology and Geography) is planning several interesting field trips. It is expected that competent guides will lead these trips and deliver short talks at points of geological interest. The Ecological Society of America will meet with Section F (Zoological Sciences). The zoologists expect to hold programs on Tuesday, Wednesday and Thursday. Several field trips are planned. The section of New York around Syracuse offers exceptional facilities for excursions and field trips for zoologists, botanists and geologists.

Several societies are lending their support to Section G (Botanical Sciences) and their field trips with round table discussions promise to be most interesting. Leaders have been selected for each field trip. Each of these is now busily engaged in working up the discussion material for his meeting. Among the societies and organizations which have thus far promised cooperation in making this an exceptional summer meeting for Section G are: The Botanical Society of America, American Fern Society, Torrey Botanical Club, Syracuse Botanical Club, Geneva Experiment Station, Brooklyn Botanical Garden and the Botanical Department of the New York State College of Agriculture at Cornell.

The psychologists of upper New York will meet with Section I (Psychology) for a two-day program. One symposium will be devoted to industrial psychology and another to mental hygiene. Professor Edward Lee Thorndike will give one of the association's general evening lectures.

Plans have been made for holding at least two symposia in connection with Section K (Social and Economic Sciences); one on "Statistics in Relation to Social Science." The title for the second symposium has not been announced as yet. An excursion to the statistical laboratory of Professor F. A. Pearson and Professor G. F. Warren at Cornell will be a feature of the meeting. The affiliated Econometric Society, an international society for the advancement of economic