

to inspect them and excursions of a varied nature are being arranged.

THE OPTICAL SOCIETY OF AMERICA

THE Eighth Annual Meeting of the Optical Society of America will be held at Cleveland, Ohio, October 25, 26 and 27, 1923. The regular sessions for the reading of papers will be open to all interested persons.

Members and others desiring to communicate results of optical research are invited to submit titles of papers for the program to the secretary any time before September 10. Titles received after that date can not be included in the program. There will be no "supplementary program." Each title must be accompanied by an abstract ready for publication. These abstracts will be printed in the program and in the minutes of the meeting. The purpose of the abstract is to give: (1) A more definite description of the *nature* and *scope* of the paper than can be conveyed in the title; (2) the essential results in so far as may be possible in the limited space allowed. It is hoped that the advance publication of these abstracts will prepare those attending the meeting to consider the papers more intelligently and with much greater interest. Printed forms on which to submit titles and abstracts may be obtained on application to the secretary. Inasmuch as their use will greatly simplify and expedite the work of editing and printing the program, the secretary earnestly requests that these forms be used in submitting abstracts.

Attention is invited to the following resolution adopted by the council at its annual meeting, October, 1922: "That it is the sense of the council that ordinarily members should not present, without invitation, papers which have already been published."

No title will be printed to be presented "by title." Titles should not be submitted unless the author has a *bona fide* intention to actually present the paper orally or have it presented by some one else.

The Committee on Papers for the Cleveland Meeting consists of Herbert E. Ives, *Chairman*, W. E. Forsythe, H. G. Gale, Irwin G. Priest and Charles Sheard.

IRWIN G. PRIEST,
Secretary.

BUREAU OF STANDARDS,
WASHINGTON, D. C.

THE ROCKEFELLER INSTITUTE FOR MEDICAL RESEARCH

THE Board of Scientific Directors of The Rockefeller Institute for Medical Research announces the following promotions and appointments:

Dr. Oswald T. Avery, Dr. Walter A. Jacobs, Dr. Michael Heidelberger, Dr. Christen Lundsgaard, Dr.

Peter K. Olitsky and Dr. Louise Pearce, hitherto associates have been made associate members. Dr. David I. Hitchcock, Dr. Frederic M. Nicholson, Dr. Henry S. Simms and Dr. Leslie T. Webster, hitherto assistants have been made associates. Dr. Mimosa H. Pfaltz, hitherto a fellow, has been made an assistant.

The following new appointments are announced:

<i>Associate Members</i>	Dr. Jacob J. Bronfenbrenner
	Dr. Paul A. Lewis
<i>Associates</i>	Dr. Oskar Baudisch
	Mr. Herbert L. J. Haller
	Dr. Stuart Mudd
<i>Assistants</i>	Mr. Arnold M. Collins
	Dr. John H. Crawford
	Dr. Robert Elman
	Dr. Joseph H. B. Grant
	Mr. Moses Kunitz
	Dr. Cecil D. Murray
	Dr. Everett S. Sanderson
	Dr. David T. Smith
	Mr. James Vander Scheer
	Dr. Lars A. Welo
<i>Fellows</i>	Miss Gladys Bryant
	Dr. Charles Korb
	Miss Dorothy Loomis
	Dr. Elmer L. Straub

Dr. J. Howard Brown, hitherto an associate in the department of animal pathology, has accepted a position as associate professor of bacteriology with Johns Hopkins Medical School.

Dr. Fred A. Taylor, hitherto an associate in chemistry, has accepted a position as head of the department of bio-chemistry at the William H. Singer Memorial Research Laboratory, Pittsburgh, Pa.

HONORARY DEGREES AT YALE UNIVERSITY

IN presenting candidates for honorary degrees at Yale University, Professor William Lyon Phelps said of those on whom the doctorate of science were conferred:

WALTER BRADFORD CANNON: Physiologist. Dr. Cannon was born in Wisconsin, is a graduate of Harvard and professor of physiology. He is a fellow of many scientific societies at home and abroad. His war services were conspicuous. He was president of the Medical Research Society of the American Red Cross in France in 1917-18, and lieutenant-colonel of the Medical Corps. He was decorated Companion of the Bath, British, in 1919. As an investigator he is in the front rank of American physiologists. His work on organic conditions as affected by emotion is profoundly original, and on it is based the diagnostic method which is now employed. When he was a medical student in 1896, he used the X-ray while studying the processes of digestion. He observed that anxiety, worry and anger were immediately registered by the stoppage of motions in the alimentary tract. He became a specialist in the relation of emo-

tional excitement to bodily disorders and has since given us scientific reasons for not worrying and for remaining cool under provocation. For nearly two years, 1917-1919, Dr. Cannon was working in France on the results of shock, and in the perfecting of the proper treatment. He is a scholar and a benefactor of mankind.

JACQUES LOEB: Head of the Department of Experimental Biology, Rockefeller Institute for Medical Research. Dr. Loeb was born in Germany, and studied medicine at Berlin and Munich, receiving the degree of doctor of medicine from Strasbourg in 1884. He is a member of many learned societies at home and abroad: The National Academy of Sciences; honorary member of the Royal Institute, corresponding member of the Institute of France, honorary member Royal Belgian Medical Academy, corresponding member Cracow Academy, the Moscow Society of Naturalists. He has been professor at Bryn Mawr, for the eagle eye of Miss Carey Thomas saw his youthful possibilities; at Chicago and at the University of California. Since 1910 he has been head of the division of general physiology, Rockefeller Institute. His publications have made him one of the foremost men of science in the world. His work on artificial parthenogenesis is nothing short of epoch-making, and his analyses of the mechanical and chemical bases of the simpler forms of animal behavior bid fair to revolutionize the fundamental conceptions of biology. An experimenter of extraordinary ingenuity, he has brought all the resources of physics and chemistry to bear on the interpretation of vital processes. His work on the dynamics of living matter has led him to profound discussions upon mechanistic philosophy. He is something more than an original investigator; he is, in every sense of the word, creative.

HENRY FAIRFIELD OSBORN: Paleontologist. Merely to enumerate the list of Dr. Osborn's achievements, services, and resulting decorations would make us late for the alumni dinner. He was graduated from Princeton in 1877: he has received the degree of doctor of science from Princeton and from Cambridge; doctor of philosophy from Christiania, and doctor of laws from Trinity, Princeton and Columbia. He was professor of comparative anatomy at Princeton, professor of biology and later research professor of zoology at Columbia, where for some years he was dean of the faculty of pure science. He is president of the American Museum of Natural History, easily the first institution of its kind in this country and undoubtedly in the front ranks of the world's great museums. He has also been president of innumerable institutions and societies in natural history, vertebrate paleontology and zoology. The range of his activities may be partly indicated by his having been president of the International Congress of Eugenics, of the American Bison Society and of a School for Girls. He is an honorary member of scientific societies in England, France, Russia, Germany, Italy, Sweden, Belgium and South America. He is not only a citizen of the world, but of all time, applying the most recent methods of study to the most ancient periods of history. His books are illuminating illustrations of the happy combination of scientific information and literary art.

JOSEPH LEIDY COMMEMORATIVE MEETING

ON December 6, 1923, the centenary of the birth of Dr. Joseph Leidy will be commemorated by several meetings to be held in the Academy of Natural Sciences of Philadelphia. The meetings will be under the auspices of the following organizations, with all of which Dr. Leidy was associated:

- The Academy of Natural Sciences of Philadelphia
- The American Association of Anatomists
- The American Entomological Society
- The American Philosophical Society
- The American Society of Naturalists
- The Boston Society of Natural History
- The College of Physicians of Philadelphia
- The National Academy of Sciences
- The Smithsonian Institution
- The Swarthmore College
- The University of Pennsylvania
- The Wagner Free Institute of Science
- The Wistar Institute of Anatomy and Biology
- The Zoological Society of Philadelphia

A large number of scientific organizations throughout the world have been invited to designate representatives to attend the meetings, which have been planned to suitably present the comprehensiveness of Dr. Leidy's researches.

The addresses to be delivered at the meetings will be appreciative of the diversity of Dr. Leidy's contributions to science. These have been selected as follows: General estimate of influence upon scientific thought and development; Personal recollections and appreciation as an anatomist; Zoological work; Paleontological and geological work; Botanical work; Mineralogical work; Medical work. The speakers upon these topics have been selected and their names will be announced at a later date.

As a part of the commemorative meeting there will be established a Joseph Leidy Memorial Medal, as a trust with the Academy of Natural Sciences of Philadelphia, to be awarded in recognition of preeminent contributions to the biological sciences.

A banquet at the time of the meeting has been planned, and several other features, which would aid in suitably and permanently commemorating the importance of Dr. Leidy's researches, may be arranged.

The joint committee in charge of the commemoration is composed of twenty-one representatives of the above listed organizations. An executive sub-committee of ten has immediate direction of details for the main committee. The address of the committee and executive sub-committee is, care of the Academy of Natural Sciences of Philadelphia.

SCIENTIFIC NOTES AND NEWS

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