

August 15. Walter H. Hartung, "Relationship between Structure and Physiological Activity of Epinephrine and Ephedrine-like Compounds."

August 16. John H. Speer, "Purine Derivatives as Coronary Dilators—Relation of Structure to Activity."

August 17. Arthur C. Cope, "The Relation of Structure to Physiological Activity in Several New Series of Barbituric Acid Derivatives."

August 18. Edward A. Doisy and D. W. MacCorquodale, "The Relation of Molecular Structure to Androgenic, Estrogenic and Progestational Activity."

August 19. George W. Raiziss, "The Relation of Structure to Therapeutic Activity and Toxic Effect of Chemical Compounds with Particular Reference to Sulfanilamide and Related Compounds."

B. *Cellular Metabolism and Tissue Respiration*, C. G. King, *chairman*. August 22–26.

August 22. Kurt G. Stern, "Heavy Metal Catalysts in Tissue Metabolism."

C. V. Smythe, "The Identification of the Factor in Tissue Extracts that Stimulates the Fermentation of Yeast Cells."

August 23. K. A. C. Elliott, "Substances Which Behave Both as Intermediary Metabolites and as Respiratory Catalysts."

C. G. King, "Tissue Reactions of Vitamin C."

August 24. R. W. Gerard, "Neural Metabolism in Relation to Function."

Frederick Bernheim, "The Action of Certain Drugs on Cell Respiratory Catalysts."

August 25. M. E. Krahle, "Mechanism of Action of Certain Metabolic Stimulants."

August 26. Frances F. Beck and John C. Krantz, Jr., "Hydrogen-ion Concentration Studies on Tumor and Muscle."

C. Jelleff Carr and John C. Krantz, Jr., "Tissue Studies of Picrotoxin-Barbiturate Antagonism."

The sessions will begin at 10 o'clock, with one or two formal papers outlining the fields of research and directing attention to the unsolved problems. Since not more than two papers will be given on any one day, it will not be necessary to limit the discussions of the papers in any way. The program will also permit time for certain recreational features which the island affords.

Since accommodations on the island are limited, it is advisable to make reservations in advance. For reservations or for further information about the conference, write the secretary of the Section on Chemistry (C) and of the Conference, Neil E. Gordon, Central College, Fayette, Missouri.

F. R. MOULTON,  
*Permanent Secretary*

## SCIENTIFIC NOTES AND NEWS

THE doctorate of science was conferred at its two hundred and eighty-seventh commencement by Harvard University on Dr. Frank R. Lillie, director of the division of biological sciences at the University of Chicago; on Dr. Wendell M. Stanley, associate member of the Rockefeller Institute for Medical Research, Princeton, N. J., and on Dr. Irving Langmuir, associate director of the Laboratories of the General Electric Company at Schenectady, N. Y.

THE doctorate of laws was conferred at the commencement of Dartmouth College on Dr. James Bryant Conant, president of Harvard University.

DR. ROBERT R. WILLIAMS, chemical director of the Bell Telephone Laboratories, New York City, was the recipient of the honorary degree of doctor of science, conferred upon him by the Ohio Wesleyan University, Delaware, on June 13 "in recognition of his work in the chemistry of Vitamin B<sub>1</sub>."

THE degree of doctor of laws was conferred at the ninety-seventh annual commencement exercises of the University of Missouri on Dr. Frederick Lee Hisaw, professor of zoology at Harvard University, a graduate of the University of Missouri. Dr. Hisaw gave

the commencement address. His subject was "The Productive Scholar."

DEGREES conferred by the University of Rochester included the degree of doctor of science on Dr. Alice Hamilton, assistant professor emeritus of industrial medicine at Harvard University, and on Dr. Thomas Milton Rivers, director of the Hospital of the Rockefeller Institute for Medical Research, New York City.

THE University of Nebraska at its sixty-seventh annual commencement conferred the doctorate of science on Dr. John Torrence Tate, professor of physics and dean of the College of Science, Literature and Arts of the University of Minnesota, and the doctorate of laws on Dr. Harry Levi Hollingworth, professor of psychology in Barnard College, Columbia University, and on Dr. Leta Stetter Hollingworth, professor of educational psychology, Teachers College, Columbia University. Both Mr. and Mrs. Hollingworth graduated in 1906 from the University of Nebraska.

AT the one hundredth annual commencement on June 6 of Wabash College, the doctorate of laws was conferred on Dr. George H. A. Clowes, director of research of Eli Lilly and Company, Indianapolis, and

on Eli Lilly, president of the company. The cornerstone of the Goodrich Hall of Physical Sciences was laid on the same day. The subject of the foundation address on this occasion was "Science in Education." It was given by Dr. Alphonse M. Schwitalla, dean of the Saint Louis University School of Medicine.

DR. A. O. LEUSCHNER, professor of astronomy and director of the Students' Observatory, emeritus, of the University of California, has been elected a foreign associate of the Royal Astronomical Society of England, in recognition of his "eminent services to the science of astronomy." As already announced, he will this summer give the Halley lecture at the University of Oxford.

A DINNER in honor of Dr. G. Canby Robinson, now connected with the Johns Hopkins Hospital, who served as dean of the School of Medicine of Vanderbilt University from 1920 to 1928, was given by his former colleagues on June 7. On this occasion a portrait of Dr. Robinson, painted by Thomas Corner, of Baltimore, was presented to the university on behalf of a number of friends, by Dr. E. W. Goodpasture, professor of pathology. Chancellor O. C. Carmichael accepted the portrait for the university. It will be hung in the School of Medicine. A book of clippings and photographs showing the progress of the School of Medicine from its conception until the present, and containing the signatures of all guests at the dinner, was presented to Dr. Robinson. Chancellor Emeritus James H. Kirkland spoke on the history of the School of Medicine; Dr. Waller S. Leathers, dean of the school, gave an address on Dr. Robinson's service to the school and his personal qualities; Dr. W. H. Witt and Dr. Hugh Morgan spoke as representatives of the community and the medical faculty; Dr. Glenn Cullen, director of the Pediatric Research Institute of Cincinnati, formerly professor of biochemistry at Vanderbilt University, represented the medical profession.

DR. RUSSELL H. ANDERSON, curator of agriculture at the Museum of Science and Industry, Chicago, has been elected president of the Agricultural History Society, the headquarters of which are in Washington, D. C. He succeeds Dr. M. L. Wilson, under-secretary of agriculture of the United States. Other officers elected were: *Vice-president*, Dr. Carl R. Woodward, of Rutgers University; *Secretary-treasurer*, Dr. O. C. Stine, of the U. S. Department of Agriculture; *Members of the Executive Committee*, Professor Harry J. Carman, of Columbia University, and Dr. Arthur G. Peterson, of the U. S. Bureau of Agricultural Economics.

OFFICERS elected at the Washington meeting of the American Institute of Electrical Engineers, for the year beginning August 1, are: *President*, Dr. John C.

Parker, vice-president of the Consolidated Edison Company of New York; *Vice-presidents*, Chester L. Dawes, Cambridge, Mass.; F. Malcolm Farmer, New York, N. Y.; A. H. Lovell, Ann Arbor, Mich.; F. C. Bolton, College Station, Texas; Lester R. Gamble, Spokane, Wash.; *Directors*, Leland R. Mapes, Chicago, Ill.; Harold S. Osborne, New York, N. Y.; D. C. Prince, Philadelphia, Pa.; *National Treasurer*, W. I. Slichter, New York, N. Y. (reelected).

NOMINATIONS for officers of the American Society of Mechanical Engineers for 1939 were announced at the semi-annual meeting at St. Louis. Election will be held by letter ballot of the entire membership, closing on September 27. The nominations include for president, Alexander G. Christie, professor of mechanical engineering at the Johns Hopkins University; and for vice-presidents, Henry H. Snelling, senior member, Snelling and Hendricks, Washington, D. C.; W. Lyle Dudley, vice-president, in charge of design and sales of the Western Blower Company, Seattle, Wash.; James W. Parker, vice-president and chief engineer of the Detroit Edison Company; and Alfred Iddles, application engineer of the Babcock and Wilcox Company, New York, N. Y.

DR. F. B. MUMFORD, dean of the College of Agriculture of the University of Missouri, will retire as dean on September 1, when he will become dean emeritus. He will conduct research next year, under a limited appointment, on the organization and administration of agricultural education in the United States through the research department of the Agricultural Experiment Station. He has served forty-four years on the college faculty.

PURSUANT of the policy in force at the Iowa State College of relieving staff members of administrative work at the age of sixty-five years, Professor A. H. Fuller, head of the department of civil engineering, and Professor Martin Mortensen, head of the department of dairy industry, will now devote their time exclusively to teaching and research. Professor L. O. Stewart has been appointed head of the department of civil engineering, and Professor C. A. Iverson has been appointed head of the department of dairy industry.

E. A. HERSAM, for forty-five years professor of metallurgy at the University of California, retired as professor emeritus on June 30, having reached the age of seventy years. He will be succeeded by Dr. Lionel H. Duschak. Dr. Duschak was for some time superintendent of the Berkeley Experiment Station of the U. S. Bureau of Mines, and since 1921 has been engaged in consulting work as chemical and metallurgical engineer, with headquarters in San Francisco.

DR. J. C. BLAIR, for thirty-eight years head of the

department of horticulture, has been appointed dean and director of the College of Agriculture of the University of Illinois. Dr. Blair succeeds the late Dean H. W. Mumford, who died on May 31 as a result of injuries received in an automobile accident. Dr. Eugene Davenport, who retired in 1922, was the first dean and director. Professor Blair, in addition to being dean of the college, will be director of the experiment station and of the extension service in agriculture and home economics. It is understood that he also will continue as head of the department of horticulture.

DR. KENNETH F. MAXCY has resigned as professor and head of the department of bacteriology at the Johns Hopkins University to become professor and head of the department of epidemiology in the School of Hygiene and Public Health.

DR. JERZY NEYMAN, of the University College, London, formerly chief of the Agricultural Institute of Warsaw, will become in the autumn a member of the department of mathematics at the University of California at Berkeley. At Los Angeles new members of the faculty include Dr. James Gilluly, of the U. S. Geological Survey, and Professor T. Y. Thomas, of the department of mathematics of Princeton University.

DR. JANET HOWELL CLARK, formerly associate professor and now lecturer at the Johns Hopkins University and since 1935 head of the Bryn Mawr School in Baltimore, has been appointed professor in the division of biological sciences and dean of the College for Women at the University of Rochester.

FRANCIS MCBRYDE TAYLOR, assistant in chemical engineering at the Ohio State University and formerly chemical engineer for the Tennessee Eastman Corporation, has been appointed assistant professor of chemical engineering at Tulane University.

DR. ALEXIS CARREL sailed for Europe on June 22 to continue work in his laboratory on St. Gildas Island, off the coast of Brittany. Dr. Carrel will retire from

the Rockefeller Institute for Medical Research in July, 1939.

THE Bernice P. Bishop Museum of Honolulu, in continuation of its program on exploration in Oceania, has sent Dr. C. Montague Cooke, Jr., staff malacologist, his assistant Y. Kondo, and Elwood C. Zimmerman, staff entomologist, to Fiji for three months of intensive field work. They will collect insects and land shells, placing special emphasis on the rediscovering of "lost" species and the gathering of data pertinent to Pacific zoogeography. Some of the more important islands of the Lau group, Ovalau and Viti Levu will be visited.

SHARAT K. ROY, curator of geology at the Field Museum of Natural History, Chicago, has left Chicago on June 18 by automobile to take part in a geological expedition sponsored by Sewell Avery, of Chicago. It is planned to collect rock specimens illustrating phases of physical, dynamic and structural geology in both western and eastern regions of the United States. This is the first of four expeditions for the museum this year under the sponsorship of Mr. Avery, who is a trustee of the museum. Later in the season a botanical expedition will collect intertidal plants in the Bay of Fundy region, Nova Scotia; a zoological expedition will be dispatched to British Guiana, and a second botanical expedition will go to Guatemala.

THE Institute of Medicine of Chicago announces that competition for the 1938 Joseph A. Capps Prize, founded by the late Dr. Edwin R. LeCount, is open to graduates of the medical schools of Chicago who completed their internship or one year of laboratory work in 1936 or thereafter. The prize of \$400 is awarded for the most meritorious investigation in medicine or in the specialities of medicine; investigation may also be in the fundamental sciences provided the work has a definite bearing on some medical problem. Manuscripts should be submitted to the Institute of Medicine of Chicago, 86 East Randolph Street, Chicago, not later than December 31.

## DISCUSSION

### MAXIMUM CONVENIENCE IN CITATIONS

THROUGH the years of my experience with scientific periodical literature, first as a student and then as a librarian, the conviction has been growing in me that the one thing which would do most to facilitate the use of libraries by research workers is a reform in the matter of citations. No one who has not sat behind a librarian's desk could guess the total time that is lost in fumbling over obscure references which might just

as easily be right. Yet the same persons who are bothered by mis-citations feel obliged to perpetuate the identical handicaps because no other precedent is set them. A note on the subject at this time is prompted by the recent appearance of a new edition of an admirable handbook on the preparation of scientific papers by Professors Trelease and Yule<sup>1</sup> to which

<sup>1</sup> S. F. Trelease and E. S. Yule, "Preparation of Scientific and Technical Papers," 3d ed. Williams and Wilkins, 1936.