

of the department of pathology, Stanford University, known for his work on the abnormalities of the circulatory system; Waldemar Gnerich, secretary, Northern California Retail Druggists' Association, representing druggists' associations of the eleven western states; Dr. Charles Gilman Hyde, University of California engineer; Dr. T. Henshaw Kelly, president of the San Francisco County Medical Society, an experienced public relations worker for the California Medical Association; Dr. John Leggett, representing the California State Dental Association; Dr. Wilfrid Robinson, representing the American Dental Association; Dr. K. F. Meyer, director of the Hooper Foundation and head of the department of bacteriology of the Medical School of the University of California; Dr. Guy Millberry, dean of the School of Dentistry, official representative of the American Public Health Association; Dr. Langley Porter, dean of the Medical School of the University of California; Dr. William Shepard, Metropolitan Life Insurance Company, representing the American Public Health Association; Dr. Nina Simmonds, of the Medical School of the University of California, a nutrition authority; Dr. F. C. Warnshuis, secretary of the California Medical Association, and Dr. C. L. A. Schmidt, head of the department of biochemistry of the University of California.

The committee is working out the details of its exhibit with Milton Silverman, head of the Health and Science Division.

#### MEETING OF PHYSICISTS OF UPPER NEW YORK STATE

FOR some time there has been a growing sentiment toward the formation of a section of the American Physical Society for Upper New York State. After due canvassing of the members of the Physical Society of that territory, plans have been formulated for a meeting to be held at Cornell University under the auspices of the American Physical Society on Saturday, November 6.

At that meeting final action will be taken on the question as to whether a section of the American Physical Society shall be formed. In the event of such formation it is contemplated that membership will be available to teachers of physics in colleges and in high schools, to physicists in the industries and to other physicists without regard to membership in the American Physical Society.

A program, to which all interested physicists are invited, has been prepared, starting at 10 A. M. and comprising the following:

Address of Welcome, Dr. Edmund E. Day, president of Cornell University.

"A Quarter Century of Progress in Physics," L. A. DuBridge, University of Rochester.

"Physical Problems of Industrial Radiography," Herman E. Seemann, Eastman Kodak Company.

"Cooling an Automobile Engine," L. P. Saunders,

Harrison Radiator Division, General Motors Company.

"The Theory of Electrical Measuring Instruments," F. C. Bobie, General Electric Company.

"Abrasives and Their Uses," E. T. Hager, Carborundum Company, Niagara Falls, New York.

"Physics in the Small College," Paul F. Gaeher, Wells College.

Members of the committee in charge of the movement are: G. H. Cameron, Hamilton College; R. C. Gibbs, Cornell University; H. P. Gage, Corning Glass Company; L. G. Hector, University of Buffalo, and P. I. Wold, *chairman*, Union College.

#### THE WORLD CONGRESS OF UNIVERSAL DOCUMENTATION

REPRESENTATIVES of forty-five countries, who attended the World Congress of Universal Documentation held recently in Paris, discussed the methods and necessities of forming a unified system of the mass of recorded information contained in books, periodicals and other publications.

The congress passed resolutions urging the establishment of microfilm copying services in libraries throughout the world and specifically suggested that manuscript and graphic material gathered by the weather services should be made available by means of microfilm. Resolutions also were passed concerning the uniform preparation of articles for technical and scientific periodicals; the standardization of methods of classifying books and other documents; the preparation of union catalogues; the indexing of daily newspapers; card bibliographies; the gathering of literature on documentation techniques; cooperation between specialized organizations and libraries, and the establishment of agencies for the distribution of official documents.

Dr. Jean Gerard, of the Maison de la Chimie, was the president and organizer of the congress. Others who attended were Paul Otlet, founder of the organization now known as the International Institute of Documentation; Dr. H. Krüss, director general of the State Library at Berlin, who headed the German delegation of more than twenty persons; H. G. Wells; Hilary Jenkinson, head of the archives of the British Foreign Office; Julien Cain, general administrator of the French National Library; Dr. Pierre Bourgeois, of the Maison de la Chimie; Dr. Alingh Prins, head of the Dutch Patent Office and president of the International Institute of Documentation, and Marcel Godet, director of the Swiss National Library and president of the International Committee of Libraries.

The American delegation included Dr. Worthington C. Ford, honorary European representative of the

Library of Congress; Herman H. Fussler, head of the laboratory of microphotography of the University of Chicago; Professor Douglas Waples, of the Graduate Library School of the University of Chicago; Miss Sabra M. Vought, librarian of the U. S. Office of Education, and Watson Davis, director of Science Service and chairman of the delegation.

The International Institute of Documentation, a union of documentation centers, was asked by the congress to become the International Federation of Organizations of Documentation and a permanent international committee to have charge of the organization of future congresses was considered. The next congress is to be held in Frankfurt, Germany, in 1940.

## SCIENTIFIC NOTES AND NEWS

LORD RAYLEIGH has been elected president of the British Association for the Advancement of Science to succeed Sir Edward Poulton, whose presidential address before the Nottingham meeting was printed in the issue of SCIENCE for September 3. Lord Rayleigh's father, also distinguished for his work in physics, was president of the association when it met in Montreal in 1884. The next annual meeting of the association will be held at Cambridge in August, 1938.

DR. LEO HENDRIK BAEKELAND has been elected an honorary member of the French Society of Chemical Industry in recognition of the eminent services he has rendered to science and industry. The society observed its twentieth anniversary in Paris in conjunction with the Congress of Chemical Industry. Certificates of honorary membership were presented in the presence of the President of the French Republic.

THE medal committee of the American Section of the Society of Chemical Industry has awarded to Dr. E. J. Crane, the Ohio State University, editor of *Chemical Abstracts*, the Chemical Industry Medal for 1937. This medal is given annually for a valuable application of chemical research to industry. The medal will be presented on November 5 at a meeting to be held at The Chemists' Club, New York City.

DR. JOHN D. LONG, of the U. S. Public Health Service, has received the Order of Merit of the Government of Ecuador for leading the campaign of the Pan-American Sanitary Bureau against bubonic plague.

PROFESSOR S. LEFSCHETZ, of Princeton University, has been elected a corresponding member of the Reale Accademia di Scienze, Lettere ed Arti di Padova.

PROFESSOR GEORGE GRANT MACCURDY, of Yale University, director of the American School of Prehistoric Research, has been elected to honorary corresponding membership in the Prehistoric Society of Great Britain and in the British Speleological Association.

At the Chicago meeting of the Roentgen Ray Society, held in connection with the fifth International Congress of Radiology, Dr. B. R. Kirklin, of the Mayo Clinic, became president for the year, and Dr. John W. Pierson, of Baltimore, president-elect. Dr. E. For-

est Merrill, of New York City, was elected a second vice-president. It was voted to hold the next annual meeting in Atlantic City during the week of September 19, 1938.

DR. HARVEY AGNEW, of Toronto, was elected on September 16 to the presidency of the American Hospital Association at its thirty-ninth annual convention in Atlantic City. Dr. Agnew is secretary of the hospital service department of the Canadian Medical Association.

DR. J. HOLMES MARTIN, in charge of poultry husbandry at the Experiment Station of the University of Kentucky, has been made head of the department of genetics. W. G. Haig has been appointed curator of the Museum of Anthropology and Archeology.

DR. FRANK HAROLD SPEDDING, of Cornell University, has been appointed associate professor of physical chemistry at the Iowa State College. Dr. Spedding won the A. C. Langmuir award of the American Chemical Society in 1933 and has been the recipient of both National Research Council and Guggenheim fellowships.

NEIL RIGLER, of the Squibb laboratories, has been placed in charge of the research laboratory of the North Carolina Agricultural Experiment Station. He will work with Dr. Emerson R. Collins, who was formerly connected with the Cotton Root Rot Division of the U. S. Department of Agriculture in Austin, Texas.

DR. EDWARD MCCRADY, JR., associate of the Wistar Institute of Anatomy, Philadelphia, has been appointed chairman of the department of zoology at the University of the South, Sewanee, Tenn.

DR. ROGER D. REID, a member of the department of animal pathology at the University of Idaho, has joined the faculty of the Johns Hopkins University.

APPOINTMENTS at the School of Medicine of the University of Oklahoma include: Dr. Berry Campbell, national research fellow in comparative anatomy, to be assistant professor of anatomy; Albert J. Sheldon, the Johns Hopkins University School of Hygiene and Public Health, assistant professor of bacteriology *ad interim*; Francis C. Lawler, Emory Lab-