

### CONSULTANTS TO THE SURGEON GENERAL OF THE U. S. ARMY

AMONG those recently appointed as consultants to the Surgeon General, U. S. Army, in matters pertaining to preventive medicine and public health are:

Dr. George K. Strode, director of the International Health Division of the Rockefeller Foundation.

Dr. C.-E. A. Winslow, Lauder professor of public health, School of Medicine of Yale University; editor, *Journal* of the American Public Health Association.

Dr. Hugh H. Smith, regional director for the United States, Canada and Mexico, International Health Division, the Rockefeller Foundation. For the past three years Dr. Smith has represented the Rockefeller Founda-

tion in England where he has worked closely with the Ministry of Health.

Dr. Ernest L. Stebbins, commissioner of health, New York City; professor of epidemiology (on leave) DeLamar Institute of Public Health, Columbia University.

Dr. Abel Wolman, professor of sanitary engineering, the School of Hygiene and Public Health of the Johns Hopkins University; chairman of the Executive Board, American Public Health Association.

Dr. Claude E. Forkner, director of the China Medical Board. Dr. Forkner has recently returned from a year's assignment in China where he has been adviser to the Committee on Medical Education of the Ministry of Education. While in China he was also professor of medicine at the National Central University of the West China Union University at Chengtu.

## SCIENTIFIC NOTES AND NEWS

THE American Section of the Society of Chemical Industry has awarded the Chemical Industry Medal to Colonel Bradley Dewey, in recognition of "his work in colloid chemistry, especially pertaining to rubber latex, and his accomplishment in administering the synthetic rubber program during a critical war period."

THE Sir William Schlich Forestry Medal has been awarded to Professor Henry S. Graves, dean emeritus of the School of Forestry of Yale University, "in recognition of distinguished services in his profession." The medal has been awarded to an American on two previous occasions. In 1935 it was given to President Roosevelt and in 1940 to Gifford Pinchot.

PROFESSOR GEORGE D. BIRKHOFF, Perkins professor of mathematics at Harvard University, has been elected a corresponding member of the National Academy of Sciences of Mexico.

THE following officers of the Chapter of the Society of the Sigma Xi of the University of Oregon have been elected for the academic year 1944-45: *President*, Dr. J. M. McGee, associate professor of chemistry; *Secretary*, Dr. L. E. Detling, assistant professor of botany; *Treasurer*, Dr. A. L. Soderwall, instructor in zoology. Dr. W. B. Youmans, associate professor of physiology, has been serving as vice-president of the chapter at the Medical School in Portland. The initiation of new members was held on May 13 and was followed by the annual joint banquet of the Phi Beta Kappa and Sigma Xi chapters. The twenty-first annual Phi Beta Kappa-Sigma Xi lecture was given by Dr. H. A. Spoehr, chairman of the Division of Plant Biology of the Carnegie Institution of Washington, D. C. His subject was "Some Responsibilities of Science."

THE retirement is announced of Dr. E. B. Hart, professor of agricultural chemistry at the University of Wisconsin and chemist at the Agricultural Experiment Station.

DR. JAMES A. BIZZELL, professor of soil technology in the department of agronomy of Cornell University, retired on July 1 with the title emeritus. He joined the faculty of the university in 1903 as an assistant chemist in the Agricultural Experiment Station. He is known for his work on the loss of plant nutrients in drainage water and on the influence of various crops on nitrate accumulation in soils.

DR. JULIUS HAYS HESS, of the College of Medicine of the University of Illinois, who has been a member of the faculty for thirty years, is retiring as professor of pediatrics and head of the department with the title emeritus. He will be succeeded by Dr. Henry George Poncher. Dr. Milan Vaclav Novak has been promoted to a professorship, and to be head of the department of bacteriology and public health.

PROFESSOR EDMUND M. SPIEKER has been named chairman of the department of geology of the Ohio State University, succeeding Professor J. Ernest Carman, who is relinquishing his administrative responsibilities to devote full time to teaching. Dr. Spieker has leave of absence until January 1 to work with the U. S. Geological Survey on a survey of strategic minerals in Alaska.

DR. T. C. DANIELS, professor of pharmaceutical chemistry, has been appointed dean of the College of Pharmacy at San Francisco of the University of California.

W. W. WILCOX, research professor of agricultural economics in the Iowa State College and Station, has

been appointed professor of agricultural economics at the University of Wisconsin.

DR. IVAN C. HALL, formerly professor and head of the department of bacteriology and public health of the School of Medicine at Denver of the University of Colorado, has been appointed professor and chairman of the department of bacteriology at the New York Medical College, Flower and Fifth Avenue Hospitals, succeeding Dr. Laura Florence, who will retire in September. Dr. Hall has been for the past two and a half years director of the Central Laboratory of the Contaminated Wound Project, Subcommittee on Surgical Infections of the National Research Council, with headquarters at the College of Physicians and Surgeons of Columbia University.

DR. THOMAS A. KEARNEY, of the Bureau of Plant Industry of the U. S. Department of Agriculture, has retired. He joined the staff of the department as assistant botanist in 1894.

JAMES A. HYSLOP, since 1934 principal entomologist of the Bureau of Entomology and Plant Quarantine of the U. S. Department of Agriculture, retired on August 1.

RICHARD B. PILCHER, registrar and secretary of the Royal Institute of Chemistry of Great Britain and Ireland, is retiring after serving for fifty-two years.

DR. REEVE M. BAILEY has resigned as assistant professor of zoology and as leader of the Iowa Fisheries Research Unit of Iowa State College, to become associate curator of fishes in charge of the Fish Division of the Museum of Zoology of the University of Michigan.

DR. CHARLES N. FREY, formerly director of the Fleischmann Laboratories, has been appointed director of scientific relations of Standard Brands Incorporated.

DR. FREDERICK F. YONKMAN, professor of pharmacology and head of the department at Wayne University, has been appointed chief pharmacologist at Ciba Pharmaceutical Products, Inc., Summit, N. J.

MAJOR GENERAL NORMAN T. KIRK, Surgeon General, U. S. Army, returned on July 21 from visits to the Italian and Normandy battle fronts, where he inspected during a twenty-day trip medical facilities, including those at battalion aid stations, as well as at Army hospitals in England.

COLONEL WILLIAM J. BLECKWENN, professor of neuropsychiatry at the University of Wisconsin, who has returned from a period of over two years' service in the South Pacific, has been appointed as the neuropsychiatric consultant to the Sixth Service Command with headquarters in Chicago.

PROFESSOR D. B. JOHNSTONE-WALLACE, agrostologist in the department of agronomy of Cornell University, returned to the United States on August 1 after a leave of absence of a year and a half granted for war work in Great Britain. While abroad he was deputy director and head of the agricultural department of the National Institute of Agricultural Engineering at Askham Bryan, near York. This institute is responsible for the testing of new agricultural machinery suitable for use in Great Britain. In addition to this work he made an extensive lecture tour through England, Scotland and Wales. He was also associated with the plant breeding stations at Aberystwyth and Corstorphine as well as with the Grassland Improvement Station near Stratford-on-Avon.

DR. A. C. MCFARLAN, professor of geology at the University of Kentucky and head of the department, is making a detailed study of the geology and mineral resources of the Salt Lick Quadrangle in eastern Kentucky, including the preparation of an areal geological map of the entire quadrangle. Attention will be given to the corniferous oil-bearing formations, as well as to the old Ragland oil field which is now being redrilled.

SIR HOWARD WALTER FLOREY, professor of pathology at the University of Oxford, who is largely responsible for the development of the use of penicillin, visited Washington during the first week in August. He consulted with certain officers in the Office of the Surgeon General and with members of the Committee on Medical Research.

THE Division of Physical and Inorganic Chemistry of the American Chemical Society, which will meet in New York City on September 11, has planned a symposium on fluorescence and luminescence. Dr. George S. Forbes, of Harvard University, has been appointed chairman of the symposium. The speakers will include Dr. Jacob Bigeleisen, of the War Research Division of Columbia University; Dr. Henry Eyring, of Princeton University; Dr. H. W. Leverenz, of the R. C. A. Laboratories at Princeton, and Dr. Peter Pringsheim, director of spectrographic research at the Ray Control Company of Pasadena, Calif., formerly of the University of Chicago.

THE Army Medical Department needs five hundred officers for assignment to the Sanitary Corps to fill vacancies and to relieve physicians and surgeons from professional duties. A survey of civilian and Army personnel is now being made to find qualified entomologists, sanitary engineers, bacteriologists, biochemists, parasitologists, nutritionists and industrial hygiene engineers. Officers in other branches of the service whose qualifications are not fully used in their present assignments will be considered for duty with

the Sanitary Corps. Requests should be forwarded to Adjutant General, U. S. Army. Civilians, warrant officers and enlisted men will be given direct appointments as officers in the Sanitary Corps. Applications should be made in writing to the Officer of the Procurement Service in the Headquarters of the Service Command in which they reside or to the Office of Procurement Service, Washington 25, D. C.

A SYMPOSIUM on "Trends of Thought in Chemical Education and the Postwar Era" will be held by the American Chemical Society in New York City on Tuesday, September 12. The symposium is part of the three-day program sponsored by the Division of Chemical Education. Dr. L. L. Quill, of the University of Kentucky, chairman of the division, will preside. It is announced that the rubber division of the society has cancelled its meeting because of war-time conditions.

THE National Metal Congress and War Conference Displays will be held at Cleveland during the week of October 16. Societies represented include the American Society for Metals, sponsor of the congress; the Iron and Steel and the Metals Divisions of the American Institute of Mining and Metallurgical Engineers; the American Welding Society; the Society for Experimental Stress Analysis, and the American Industrial Radium and X-Ray Society.

THE Upjohn Company, Kalamazoo, Mich., has made a grant of \$5,900 for the continuation of studies on better methods for the production of penicillin started a year ago by the Industrial Science Research Institute of the Iowa State College. A similar grant was

made by the same company at that time. Two other grants have been renewed—one of \$4,000 from the Refrigeration Research Foundation, for research on the retention of nutritive properties of foods by refrigeration and on refrigerated storage of poultry, and one of \$2,500 from the Poultry and Egg National Board for studies on the nutritive value of egg proteins. Studies on the analysis of gases will be continued also under a grant of \$1,000 from Aeration Processes, Inc.

A RECOMMENDATION from the scientific director and the Scientific Advisory Committee of the Nutrition Foundation to publish a Latin-American edition of *Nutrition Reviews* was approved at a recent meeting of the executive committee.

THE Committee on Medical Research of the Office of Scientific Research and Development has announced the publication of a weekly journal entitled *Summary of Reports Received by the Committee on Medical Research*. The circulation is restricted to selected members of the Medical Corps in the United States, Canada and Great Britain. The journal is being edited and published under the direction of Dr. Kenneth B. Turner, assistant professor of medicine, who is on leave of absence from the College of Physicians and Surgeons of Columbia University.

THE Atlanta-Southern Dental School has been made a part of Emory University. This merger leaves only a few dental schools in the United States that are not integral parts of university groups. It is the aim of educational leaders of the dental profession to have all schools so associated.

## DISCUSSION

### FURTHER COMMENTS ON COMPARATIVE STUDIES IN HUMAN BIOLOGY

In a recent note in *SCIENCE*<sup>1</sup> Professor Herskovits criticizes an article by Professor Dice which appeared in an earlier issue.<sup>2</sup> His criticisms concern primarily the loose usage of such terms as "psychological" and "race," but he also takes exception to certain implications which pertain to racial differences.

Although the author of the present note is in perfect accord with Professor Herskovits relative to the loose usage of terms, especially when they involve highly controversial issues, he is not so certain that he is in agreement with him relative to some of his statements which pertain to more important issues. Professor Herskovits is not very specific, but he leaves the impression that he is of the opinion that no physio-

logical differences and no inherent response differences exist between major subdivisions of the human species. If primary human stocks (Mongoloid, Negroid and Caucasoid) and if subdivisions of these major groups ("races") have any validity at all, and the author believes that Professor Herskovits will admit that they do have some, it seems almost inevitable that both physiological and inherent response differences must exist. It is true that we do not have very much specific evidence for the latter kind of differences, but there is considerable evidence that many physiological differences exist. One could cite a long list of human variations which have a physiological basis and which have been shown to be inherited according to clearly defined laws. Many of these variations have been shown to be represented by different gene frequencies within different primary stocks and even within groups recognized as races.

<sup>1</sup> *SCIENCE*, n.s., 100: 50-51, 1944.

<sup>2</sup> *Ibid.*, n.s., 99: 457-461, 1944.