

thought. The offerings will represent the broad interests and significant contributions to learning. In the field of the humanities the symposia are planned to bring out the continuity of culture. In other fields they will deal with trends of modern thought and the advances of science. Each paper is on a topic on which the published writings and researches of the speaker give him a peculiar right to speak.

An elaborate series of lectures and symposia has been arranged. In the natural sciences, lectures announced for September 17, 18 and 19 are:

Subject to be announced. Sir Robert Robinson, Waynflete professor of chemistry, University of Oxford.

*Engineering Progress and the Social Order.* Dr. Frank Baldwin Jewett, president, Bell Telephone Laboratories, New York City; president, National Academy of Sciences, Washington.

*The Beginnings of Social Behavior in Unicellular Organisms.* Dr. Herbert Spencer Jennings, professor of zoology, University of California.

*Aspects of Modern Psychology.* Dr. Charles Samuel Myers, formerly director of Psychology Laboratory, University of Cambridge.

According to the preliminary program the following symposia will be presented:

Botany—Fundamental Aspects of the Problem of the Conservation of Renewable Natural Resources; History of Sciences—Round Table; Chemistry—Chemical Kinetics; Natural Products; Engineering—Fluid Mechanics; Statistical Methods in Engineering; Zoology—Cytology, Genetics and Evolution; Cytogenetics and Evolution; Cytology and Genetics of Protozoa; Physiology of the Nucleus; Psychology—Contributions of Psychology to Education

and Business; Physics—Nuclear Physics, and Geology—The Geophysical and Paleontological Problems in Shiftings of Sea Floors and Coast Lines.

In the Medical Sciences lectures are announced as follows:

Subject to be announced. Dr. Thorvald Madsen, director, State Serum Institute, Copenhagen, and chairman of the Health Committee of the League of Nations.

*The Study of Man.* Dr. Lawrence Joseph Henderson, professor of biological chemistry, Harvard University.

*Two Centuries of Surgery.* Dr. Evarts Ambrose Graham, Rixby professor of surgery, School of Medicine, Washington University, St. Louis.

*A Challenge to Scholarship.* Dr. William Mansfield Clark, director of the department of physiological chemistry, the Johns Hopkins University.

The subjects of the symposia in the Medical Sciences are:

Problems and Trends in Virus Research, Therapeutic Advances in Psychiatry, Medical Problems of Old Age, Nutrition, Female Sex Hormones, Clinical Considerations, Hypertension, Genesis of Cancer, Dental Caries, Development of Occlusion, Intestinal Obstruction, The Relation of Diseases in Lower Animals to Human Welfare, Modern Aspects of the Antituberculosis Problem, Chemotherapy, The University and Public Health Statesmanship.

Throughout the week there will be dinners and entertainments in the evening. On Thursday night a University Bicentennial Concert will be given by the Philadelphia Orchestra at the Academy of Music. A Fête on the Schuylkill River in Fairmount Park will be held on Friday night. It is hoped that those who are able to attend the conference will remain for these events.

## SCIENTIFIC NOTES AND NEWS

THE ninety-first annual session of the American Medical Association will be held in New York City from June 10 to 14. At the opening general meeting at the Waldorf-Astoria on the evening of June 11, the association will be welcomed to New York by Governor Herbert H. Lehman and by Mayor Fiorella La Guardia, following which the president-elect, Dr. Nathan B. Van Etten, of New York City, will be introduced and installed as president of the association and will deliver his presidential address. A medal will be presented to the retiring president, Dr. Rock Sleyster, of Wisconsin, and the distinguished service medal will be presented to Dr. Van Etten.

UNDER President Roosevelt's reorganization plan, the Bureau of the Biological Survey, hitherto in the Department of Agriculture, and the Bureau of Fisheries, hitherto in the Department of Commerce, were on June 1 merged with the name of "Fish and Wildlife Service" and were placed under the Department

of the Interior. Dr. Ira N. Gabrielson, who was chief of the Biological Survey, has been appointed head of the new service. Charles E. Jackson, acting commissioner of fisheries, and W. C. Henderson, associate chief of the Biological Survey, have been made assistant directors.

DR. VLADIMIR N. IPATIEFF, director of chemical research of the Universal Oil Products Company, Chicago, and professor emeritus of chemistry of Northwestern University, received the 1940 Willard Gibbs Medal at a dinner meeting of the Chicago Section of the American Chemical Society on May 23. Dr. Ipatieff, who was born in Moscow in 1867, was cited for chemical discoveries basic to petroleum refining and to the organic synthesis of artificial rubber and of many other industrial products. The medal presentation was made by Dean Samuel C. Lind, of the Institute of Technology of the University of Minnesota, president of the American Chemical Society.

Dr. Cary R. Wagner, of the Pure Oil Company, chairman of the Chicago Section, presided and discussed the origin and significance of the Willard Gibbs Medal award. Professor Paul Haensel, of Northwestern University, spoke on "Ipatieff the Man," and Dr. Gustav Egloff, director of research of the Universal Oil Products Company, on "Ipatieff and His Chemical Achievements." The Willard Gibbs address was given on the following day at Northwestern University. Following the reading of the address, President Franklyn B. Snyder, of Northwestern University, unveiled a portrait of Dr. Ipatieff, painted by John Doctoroff, the Russian-American artist. The program was concluded with an open house in the High Pressure Laboratory which Dr. Ipatieff endowed last year.

THE Lamme Medal, given each year to an alumnus of the Ohio State University distinguishing himself in the field of engineering, has been awarded to Lawrence Eugene Barringer, engineer in charge of insulations of the General Electric Company, Schenectady, N. Y. The presentation will be made at the commencement of the university on June 10.

THE Casselberry Prize of the American Laryngological Association has been awarded to Dr. French K. Hansel, of St. Louis, for original cytologic observations of the secretions of the nose and sinuses in allergy.

FOR his study of the life cycle of the fungus, *Histoplasma capsulatum*, Dr. Norman F. Conant, assistant professor of bacteriology and mycology at the School of Medicine of Duke University, has been named winner of the Poteat award of \$50 given annually by the North Carolina Academy of Science.

THE New York Academy of Medicine has awarded the Alexander Cochran Bowen scholarship for 1940 to Dr. Everett D. Sugarbaker, surgical resident at the Memorial Hospital, New York City. The Harlow Brooks scholarship for 1940 has been awarded to Dr. Henry Aranow, Jr., intern at the Presbyterian Hospital. These scholarships provide for one year's graduate medical education.

A DINNER was given by his former students on April 7 in honor of Dr. George O. Higley, who retired in 1929 as professor of chemistry at the Ohio Wesleyan University.

COLONEL RAM NATH CHOPRA, head of the faculty of pharmacology in the School of Tropical Medicine, Calcutta, has been elected an honorary member of the Pharmaceutical Society of Great Britain.

THE degree of doctor of science will be conferred by the University of Oxford on Dr. Mariano Rafael Cas-tex, at one time rector and for more than twenty-five

years professor of medicine in the University of Buenos Aires.

AT the sixty-second meeting of the American Laryngological Association at Harrison, N. Y., Dr. Gordon Berry, of Worcester, Mass., was elected president; Dr. Charles T. Porter, of Boston, first vice-president, and Dr. Gordon F. Harkness, of Davenport, Iowa, second vice-president.

CLAUDE F. DAVIS, chief chemist of the Noblesville Milling Company, Indiana, was elected at the twenty-sixth annual meeting in New York City president of the American Association of Cereal Chemists. He succeeds George F. Garnatz, chief of laboratories, Kroger Food Foundation, Cincinnati, Ohio. Dr. Charles N. Frey, head of the Research Laboratories, Standard Brands, Incorporated, New York, was elected vice-president.

DR. FRANCIS G. BLAKE, Sterling professor of medicine at the Yale University School of Medicine, has been appointed acting dean of the school to succeed Dr. Stanhope Bayne-Jones, who will retire on July 1.

DR. MAURICE EWING, who has been on leave of absence for the last two years on a Guggenheim Fellowship, has been appointed associate professor of geophysics in the department of geology at Lehigh University.

DR. VALY MENKIN has been advanced to the rank of assistant professor of pathology at the Harvard Medical School.

DR. W. SUCKSMITH has been appointed professor of physics at the University of Sheffield in succession to Professor S. R. Milner, who is retiring at the end of the present session.

DR. ROBERT V. DREXLER, of the department of botany of the University of Illinois, has been appointed to an instructorship in the department of biology of Coe College, Cedar Rapids, Iowa.

THE position of Dr. Robert Calvert with the Johns-Manville Corporation is "consultant," not chief chemist, as was stated in a note in a recent issue of SCIENCE.

DR. EDWARD E. MARBAKER, who has been for twenty years a fellow of the Mellon Institute, has been appointed to the industrial fellowship founded by the O. Hommel Company, of Pittsburgh, manufacturers of ceramic chemicals and colors and bronze powders. The fellowship has been established for the joint purpose of carrying on a broad program of scientific investigation and of maintaining contact with existing professional agencies.

DR. JOSEPH P. CONNOLLY, president of the South Dakota School of Mines, will have charge of research of a joint paleontological expedition of the National

Geographic Society and the school to be made in the West this summer in an effort to discover remains of New World types of rhinoceros.

DR. CASWELL GRAVE, Rebstock professor of zoology at Washington University, St. Louis, gave the address at the annual joint meeting of the Washington University chapters of Phi Beta Kappa and Sigma Xi. His subject was "Washington University: Prospect from Retrospect."

THE summer convention of the American Institute of Electrical Engineers will be held at Toronto from June 16 to 20.

THE two hundred and thirty-fifth regular meeting of the American Physical Society will be held at the University of Washington, Seattle, from June 18 to 22. On Tuesday afternoon there will be a joint session with the American Association of Physics Teachers. The program for Wednesday morning will consist of a symposium on cosmic rays, followed on Wednesday afternoon by a joint meeting with the Astronomical Society of the Pacific. On Thursday afternoon there will be a symposium on theoretical physics. Sessions for the presentation of short contributed papers will be held on Friday morning and afternoon and on Saturday morning. The two hundred and thirty-sixth meeting will be held in Pittsburgh on June 20, 21 and 22. The plans of the local committee include tours of industrial laboratories and plants, a program of invited papers on applied physics topics and sessions of contributed papers. Plans for social entertainment include a tea at the Cathedral of Learning of the University of Pittsburgh on Thursday afternoon, and attendance at a special Westinghouse musical broadcast on that evening. There will be a dinner on Friday evening at the Webster Hall Hotel.

THE Western Section of the American Society for Horticultural Science will participate in the meetings of the American Association for the Advancement of Science to be held in Seattle, Wash., from June 18 to 22. The program of the section extends over three days. On Wednesday, June 19, a joint session will be held with the American Society of Plant Physiologists, and also a full half-day program will be devoted to the responses of horticultural crops to soil nutrients. On Thursday, there will be a joint session with the Northwest Association of Horticulturists, Entomologists and Plant Physiologists and a half-day program of unrelated horticultural papers, and on Friday a further half-day session for horticultural papers. Information can be obtained from Director John H. Hanley, the University of Washington Arboretum, 202 Anderson Hall, College of Forestry, Seattle.

THE 1940 Graduate Fortnight of the New York Academy of Medicine will be held from October 14 to 25. The subject this year is "Infections." Its pur-

pose is to make a complete study and authoritative presentation of a subject of outstanding importance in the practice of medicine and surgery. A carefully integrated program will be presented. It will include morning panel discussions, afternoon clinics and clinical demonstrations at many of the hospitals of New York City, evening addresses and appropriate exhibits. The evening sessions at the academy will be addressed by recognized authorities in their special fields, drawn from leading medical centers of the United States. A comprehensive exhibit will include books and roentgenograms; pathological and research material; and clinical and laboratory diagnostic and therapeutic methods. It is planned to provide demonstrations of exhibits. A complete program and registration blank may be secured by addressing Dr. Mahlon Ashford, The New York Academy of Medicine, 2 East 103d Street, New York City.

THE program of the symposium organized by the Society for the Study of Development and Growth, which will be held at Salsbury Cove, Maine, from June 20 to 25, is as follows: June 20, "Structure of Protoplasm," Dr. O. L. Sponsler, University of California at Los Angeles; "Synthesis of Protoplasmic Constituents," Dr. Rudolf Schoenheimer, Columbia University. June 21, "Colloid Chemistry of Development and Growth," Dr. Herbert Freundlich, University of Minnesota; "Chemical Factors of Growth," Professor George S. Avery, Jr., Connecticut College. June 22, "Physical Factors of Growth," Professor Douglas Whitaker, Stanford University. June 24, "Cell Division and Development," Professor A. B. Dawson, Harvard University; "Size-Controlling Factors," Professor Victor C. Twitty, Stanford University. June 25, "Pathology of Development," Dr. Harry S. N. Greene, Rockefeller Institute; "Theories of Organization," Professor F. S. C. Northrop, Yale University. The discussion leaders are: Dr. Edward F. Adolph, University of Rochester; Professor R. G. Harrison, Yale University; Dr. Stanley P. Reimann, Lankenau Hospital; Professor Kenneth V. Thimann, Harvard University; Professor B. H. Willier, University of Rochester, and Dr. Dorothy M. Wrinch, University of Oxford.

KANSAS STATE COLLEGE is the recipient of a gift of a hundred and sixty acres of high prairie land from Dr. C. L. Marlatt, of the class of 1884, formerly chief entomologist of the Bureau of Entomology, U. S. Department of Agriculture, and Dr. Abby Marlatt, of the class of 1888. Situated four miles from the college campus, the land is to be used as a natural area and as a recreation ground for students and faculty of the college. The gift is in memory of Washington Marlatt, father of the donors and one of the founders of Bluemont Central College, established in 1858 and transferred to the state in 1863.