

the force of his engineering ability and which so well equip him with the skill to unite the useful and the beautiful.

LUTHER PFAHLER EISENHART, dean of the faculty of Princeton University—Native of Pennsylvania; studying first at Pennsylvania College and then at the Johns Hopkins University; preparing himself by intensive work in mathematics for the scholarly labors which he now pursues; trusted and competent adviser of undergraduate youth; a powerful force in the work of the Princeton University of to-day, that sister university and honored neighbor which, like our own King's College, traces its origin to an original charter granted by authority of George II.

CHARLES JUDSON HERRICK, professor of neurology in the University of Chicago—Native of Minnesota; trained at the University of Cincinnati, at Denison University

and at Columbia; eagerly pursuing advanced study and research in his chosen field with marked success; recipient of many honors from his fellowmen of science; fertile and suggestive writer on biological and neurological topics; for well-nigh a quarter century a distinguished member of the University of Chicago.

ARTHUR DEHON LITTLE, chemical engineer—Native of Massachusetts; a captain in the organization and direction of research in the science of chemistry in all its manifold revelations; covering in his field of interest and influence almost every aspect of chemical engineering practice; fertile in invention, practical in application and a genuine leader in the preservation and advancement of that organized body of knowledge which we know as science; one who, as even Sir Humphry Davy would admit, pursues science with true dignity.

## SCIENTIFIC NOTES AND NEWS

THE annual list of honors conferred on the occasion of King George's birthday included the Order of Merit on Sir William Henry Bragg, Fullorian professor of chemistry and director of the Royal Institution.

LORD RUTHERFORD has been elected president for the year 1931-32 of the British Institute of Physics.

DR. JAMES HENRY BREASTED, director of the Oriental Institute of the University of Chicago, has been elected a foreign member of the Bavarian Academy of Sciences.

ON the occasion of the fifty-ninth annual commencement of Stevens Institute of Technology at Hoboken, New Jersey, the doctorate of science was conferred on Dr. Karl T. Compton, president of the Massachusetts Institute of Technology, who delivered the commencement address.

AT the recent commencement of Wake Forest College, the degree of D.Sc. was conferred on Dr. Hubert Royster, lecturer in Duke University, formerly dean of the Raleigh division of the Medical School of the University of North Carolina.

DR. PHILIP FOX, director of the Adler Planetarium, Chicago, received an honorary doctorate from the Kansas State Agricultural College on the occasion of its sixty-eighth annual commencement in May 28.

THE University of Göttingen has renewed after fifty years the doctorate degree of Dr. Stephen Moulton Babcock, professor of agricultural chemistry at the University of Wisconsin. In transmitting the renewed diploma through Professor Karl Freudenberg, who is the Carl Schurz professor of chemistry at the university, Dr. Wilhelm Seedorf, dean of the University of Göttingen, called special attention to the fact

that the work of Dr. Babcock has been of great significance to German agricultural scientists, and that his work is held in very high esteem. The diploma, presented to Dr. Babcock in the presence of a group of his immediate associates and friends, reads as follows: "Under the jurisdiction of his excellency, the rector, Johannes Behm, the mathematical and natural science faculty of the George August-University renews through its dean, Professor Dr. Wilhelm Seedorf, the diploma of doctor of philosophy degree, dated February 28, 1879, granted to Mr. Stephen Moulton Babcock, the extraordinarily distinguished investigator in the chemistry and bacteriology of milk and therefore of agriculture in general, and extends its heartiest greetings and wishes for a continued happy old age."

AT the commencement exercises of Tuskegee Institute, at Tuskegee, Alabama, a bronze bas-relief was unveiled of Dr. George W. Carver, director of the Agricultural Experiment Station at Tuskegee and consulting chemist. Dr. Carver has been working in botany and agricultural chemistry at Tuskegee for thirty-five years.

THE council of the British Institution of Electrical Engineers has made, as reported in *Nature*, the following award of premiums for papers read during the session 1930-31, or accepted for publication: the institution premium to Commendatore G. Bianchi, Ayrton premium to R. Grierson, John Hopkinson premium to J. W. Rissik and H. Rissik, Kelvin premium to B. L. Goodlet, F. S. Edwards and F. R. Perry, Paris premium to P. J. Ryle, and extra premiums to W. E. M. Ayres; R. M. Charley; H. S. Carnegie; D. B. Hoseason; Dr. J. J. Rudra and Professor Miles Walker; Professor W. Cramp and A. P.

Jarvis; P. J. Higgs; J. C. Prescott and E. W. Connon; G. G. Smail, R. J. Brooksbank, and Professor W. M. Thornton; Professor S. P. Smith; and Professor E. Wilson. In the Wireless Section, the Duddell premium has been awarded to T. Walmsley and extra premiums to C. E. Horton and C. E. Rickard. In the Meter and Instrument Section, the Silvanus Thompson premium has been awarded to Professor W. M. Thornton, M. Waters and W. G. Thompson, and an extra premium to E. W. Hill and G. F. Shotter.

THE daily press reports that the appointments of twenty members of the faculty of the University of Kansas have not been renewed. Among these is Dr. A. A. Schaeffer, professor of zoology.

THE title of emeritus professor has been conferred on Sir Charles J. Martin, professor of experimental pathology, and Dr. Arthur Hardin, professor of biochemistry, of the University of London.

DR. FRANK LUSK BABBOTT, JR., has been appointed president of Long Island College of Medicine, Brooklyn, to succeed Dr. James C. Egbert. The newly appointed president will assume his full time duties on July 1. Dr. Babbott, who has been associated with the department of pediatrics at the medical college for several years, has been assistant professor of pediatrics and assistant dean since 1927. He received his M.D. degree from Columbia University College of Physicians and Surgeons in 1918.

DR. CARROLL WILLIAM DODGE, assistant professor of botany and curator of the Farlow Library at Harvard University, has been appointed professor in the Shaw School of Botany at Washington University.

DR. GEORGE B. CRESSEY, formerly of Shanghai College, China, and at present at Clark University, has been appointed head of the department of geology, mineralogy and geography at Syracuse University. This new department represents a union of the work in geology, formerly under Dr. Thomas C. Hopkins, who retires this year, and mineralogy under Dr. Charles H. Richardson, who continues as senior professor.

DR. PATRICK H. YANCEY, instructor in biology in St. Louis University, has been appointed professor of biology and director of the department at Spring Hill College, Mobile, Alabama.

DR. EDWARD F. MCCARTHY has been appointed head of the department of silviculture of the New York State College of Forestry at Syracuse. He was formerly a member of the college faculty and succeeds the late John W. Stephen.

MR. A. E. NAISH, physician to the Sheffield Royal Hospital and lecturer in medicine in the University

of Sheffield, has accepted the invitation of the council of the University of Edinburgh to become professor of medicine.

DR. WALTER R. KIRNER has resigned his position as assistant professor of organic chemistry at the Rice Institute, Houston, Texas, to accept a position as organic chemist on the staff of the Coal Research Laboratory of the Carnegie Institute of Technology. His new duties at Pittsburgh will include the organization of a laboratory for quantitative micro-organic analysis.

MR. JAMES F. WALSH, formerly vice-president and technical director of the Celluloid Corporation, has joined the consulting staff of Arthur D. Little, Inc., of Cambridge, Massachusetts.

THE American Standards Association has announced the appointment of H. M. Lawrence, mining engineer, and S. W. Benham, as assistant engineer, on the staff of the association. Mr. Lawrence will have supervision of all the mining, chemical and ferrous and non-ferrous metallurgical projects being developed under the procedure of the association. Mr. Benham will assist in the supervision of civil engineering and transportation projects. Mr. Lawrence has been mining engineer with the International Agricultural Corporation. From 1924 to 1930 he was connected with the U. S. Bureau of Mines as metallurgist. Mr. Benham has been connected with the Portland Cement Association and with the Johns-Manville Corporation.

WE learn from the *Journal* of the American Medical Association that Dr. Clarence L. Scamman, Boston, has resigned as deputy commissioner of public health of Massachusetts and director of the division of communicable diseases, to become director of the division of public health of the Commonwealth Fund of New York, succeeding Dr. William J. French, resigned. He will have charge of the development of rural health service in various states. Dr. Scamman was given a farewell dinner, May 1, at the Harvard Club of Boston by friends and co-workers and presented with a traveling bag. Dr. George H. Bigelow, commissioner of public health, presided. Dr. Gaylord W. Anderson will succeed Dr. Scamman, and Dr. Nels A. Nelson will succeed him as assistant director of the division of communicable diseases.

PROFESSOR C. H. DESCH has been appointed superintendent of the metallurgy department of the British National Physical Laboratory, in succession to Dr. Rosenhain. Professor Desch, who is a fellow of the Royal Society and of the Institute of Chemistry, is at present professor of metallurgy and dean of the faculty at the University of Sheffield. He will

not take up his new appointment until February, 1932, as he had previously accepted an invitation from Cornell University to give a course of lectures there during the winter session of 1931-32.

DEAN HUGH P. BAKER, of the New York State College of Forestry at Syracuse University, has been appointed a delegate to represent the college at the International Conference on Forestry to be held in Paris, from July 1 to 4.

PROFESSOR H. S. JENNINGS, of the Johns Hopkins University, is to spend the academic year 1931-1932 as visiting professor at the Keio University, Tokyo, Japan. His address until June 30, 1932, will be Medical School, Keio University, Tokyo, Japan.

DR. H. W. STUNKARD, professor of biology at New York University, has been granted sabbatical leave from the university for the academic year 1931-32. For this period he has been awarded a fellowship of the Guggenheim Foundation to continue his researches on the biology and life history of certain parasitic flatworms in European laboratories. He is sailing the latter part of June and will spend the major portion of the time with Professor F. Fülleborn, in the Institut für Schiffs- und Tropenkrankheiten, Hamburg.

DR. JOHN S. KARLING, professor of botany at Columbia University and physiologist of the Tropical Plant Research Foundation, Washington, D. C., sailed on May 22 for British Guiana to continue his research work in the tropics. This is the eighth expedition he has undertaken to tropical America as director of the Chicle Research Project. At Tower Hill in the Orange Walk District an experiment station and plantation of more than fifty thousand acres have been established in efforts to evolve a new system of tapping the sapodilla tree which will make it more suitable for plantation culture.

DR. NEVIL V. SEDGWICK, of Lincoln College, Oxford, spoke at Iowa State College, June 3, on "Divalent Carbon."

PROFESSOR W. M. DAVIS has lately given five lectures on "The Coral Reef Problem Treated in Illustration of Scientific Method" to students of the department of geology of Stanford University, where he is also conducting an advanced course in physiography during the spring term.

THE installation of Dr. Charles Chester McCracken, who succeeded Dr. George Alan Works as president of the Connecticut Agricultural College at Storrs a year ago, took place on June 6. The exercises also marked the fiftieth anniversary of the college. Governor Wilbur L. Cross presided at the in-

auguration and inducted Dr. McCracken into office. Addresses were made by Dr. W. O. Thompson, president-emeritus of the Ohio State University, and by Dr. McCracken. The baccalaureate sermon on Sunday was delivered by Dr. McCracken, who spoke on "The Potter and His Clay." The commencement address on June 8 was given by Professor Edmund W. Sinnott, of Columbia University, who was formerly professor of botany and genetics at Storrs.

APPLICATIONS for the position of associate biochemist (fungicide investigations) must be on file with the U. S. Civil Service Commission at Washington, D. C., not later than July 10, 1931. The examination is to fill vacancies in the departmental and field services. The entrance salaries range from \$3,200 to \$3,800 a year. Competitors will not be required to report for examination at any place, but will be rated on their education, training, experience and writings. Applicants must have been graduated with a bachelor's degree from a college or university of recognized standing, with major work in chemistry, and, in addition, must have had at least three full years of graduate study or productive research experience in physical chemistry, including plant colloids and physical properties of solutions. Applicants also must have demonstrated ability in devising laboratory methods and equipment.

THE Royal Photographic Society of Great Britain is holding its seventy-sixth annual exhibition in London in September and October of this year. This is the most representative exhibition of photographic work in the world, and the section sent by American scientific men heretofore has demonstrated the place held by this country in applied photography. It is hoped that the scientific section will be thoroughly well represented in 1931, and in order to enable this to be done with as little difficulty as possible arrangements have again been made to collect and forward American work intended for the scientific section. This work should consist of prints showing the use of photography for scientific purposes and its application to spectroscopy, astronomy, radiography, biology, etc. Photographs should be mounted but not framed. They should be sent at once to A. J. Newton, Eastman Kodak Company, Rochester, New York.

At a three-day field conference of professional geologists at the Pennsylvania State College, it was decided to effect an organization to promote pure and applied geological research in the state, and to encourage future field studies by the group. Professor C. A. Bonine, head of the department of geology at the college, will lead the second field conference which will be held in the Lehigh Valley with Lafayette College and Lehigh University acting as the hosts.