

The Corporation will be glad to receive from any member of the instructing or scientific or administrative staff of the university requests for aid in investigation. Such requests must be received before December 1 next, and must specify the object and nature of the investigation with as much precision as is necessary to judge of its value, the probable length of time it will require, and the expense involved; this last item to include the salary for the proportion of time to be transferred from other duties. The Corporation will appoint each year a committee to advise it in making a selection among the investigations proposed, and in the allotment of income therefor. No allotments will be made for more than two years; but if an investigation proves to require a longer period, the grant may be renewed.

SCIENTIFIC NOTES AND NEWS

THE centennial celebration of the Rensselaer Polytechnic Institute opens at Troy, New York, on October 3. The program, printed in *SCIENCE* for August 29, contains the names of a large number of official delegates from educational institutions, scientific organizations and engineering societies throughout the world, including the following from abroad who will give addresses: President Sir Charles Langbridge Morgan, of the Institute of Civil Engineers of Great Britain; President Henri Abraham, of the Society of Electrical Engineers of France; President Luigi Luiggi, of the Society of Civil Engineers of Italy; Honorary President Roberto Gayol, of the Society of Engineers of Mexico; President Arthur Surveyer, of the Engineering Institute of Canada.

EXERCISES formally inaugurating the Boyce Thompson Institute of Plant Research at Yonkers, New York, took place on September 24 with Dr. John M. Coulter, professor of botany at the University of Chicago, presiding.

DR. HARVEY CUSHING, professor of surgery at the Harvard Medical School and surgeon-in-chief of the Peter Bent Brigham Hospital, Boston, will deliver the dedication address at the opening of the new school of medicine of Western Reserve University on October 9.

DR. S. P. L. SÖRENSEN, of the Carlsberg Laboratories, Copenhagen, Denmark, lectures before the first regular meeting of the New York Section of the American Chemical Society on the evening of October 3, his subject being "The heat of coagulation of proteins." On the following evening, October 4, Professor Sörensen will deliver the first Harvey Society Lecture at the New York Academy of Medicine, on "The solubility of proteins."

THE recent award by the Paris Academy of Sciences of the prix Saintour to Lee deForest was made with the following citation: "inventeur de la lampe a trois electrodes pour les perfectionnements apportés

par lui dans la technique des ondes hertziennes qui ont rendu possible la telephonie sans fil."

DR. KOTARO HUNDA, of the Imperial University, Japan, was made an honorary member of the American Society of Steel Treating at the recent meeting in Boston.

PRESIDENT LUIGI LUIGGI, of the Society of Civil Engineers of Italy, who is visiting the United States on the invitation of the Rensselaer Institute of Technology, was the guest of honor at a luncheon, given by the Italy-American Society at the Bankers' Club, New York City, on September 24.

DR. CHARLES TODD, technical expert to the Egyptian Department of Public Health, has had conferred upon him the insignia of the Second Class of the Order of the Nile by the King of Egypt in recognition of valuable services rendered.

ADDITIONS to the Harvard Observatory include Dr. Georges Lemaitre, of the University of Louvain, Belgium, who will join the staff for a year. Professor B. Gerasimovic, senior observer at the university observatory of Kharkow, Ukraine, will spend some months at the observatory on astrophysical investigations, and Paul Davidovich, of Turkestan and Moscow, also will be at the observatory for part of the year to make investigations.

PROFESSOR DONALD BRUCE has resigned from the University of California to accept the position of chief of forest mensuration with the Forest Service at Washington, D. C.

THE Cushman fellowship in Western Reserve University, recently founded through a gift from the Ferro Enameling Co., has been awarded to Howard Williams, of Ohio.

DR. OTTO HAHN, member of the Kaiser-Wilhelm Institute of Chemistry, has been appointed director of the institute.

THE eighty-fifth birthday of Professor B. Naunyn was celebrated recently. He is still continuing his research on diabetes and gallstones, although he retired from academic work in 1904. He is soon to publish a volume of reminiscences.

DR. OSCAR BREFFELD, professor of botany at the University of Breslau and known for his work on mushrooms, has celebrated his eighty-fifth birthday.

DR. A. B. COX, agricultural economist of the Department of Agriculture, is leaving for a year's study in England, Germany, France and Italy of cotton marketing methods, supply, demand and prices.

SIR WILLIAM JONES, chairman of the research committee of the British Refractories Association, is now on a visit to the United States.

DR. JEANNENEY, of Bordeaux, France, is visiting the United States for the purpose of studying our methods of dealing with the cancer problem.

CAPTAIN RASMUSSEN, the explorer, has left Nome in the schooner *Teddy Bear* to study the Siberian Eskimo tribes. Having visited all the Eskimos from Greenland to Nome he desires to complete his observations by visiting the Siberian tribes.

DR. M. A. CHRYSLER, of the department of botany of Rutgers University, spent part of August and September in western Cuba and southern Florida. The endemic Cuban cycad *Microcycas* was the particular object of search.

SIR JOHN RUSSELL, director of the Rothamsted Experimental Station, England, gave the Hitchcock lectures for the season of 1924-25 at the University of California. His subjects were: "The discovery of the food of plants." "Modern problems in plant growth: can science solve them?" "Decay and the living plant, 'Mors juana vitae.'" "The soil organisms: can they be controlled and utilized?" "The soil and the growing plant."

JULIAN S. HUXLEY, of Oxford University, will give a course of six lectures on some aspects of evolutionary biology at the New School for Social Research, New York, from October 8 to 24.

DR. EDMUND OTIS HOVEY, curator of the department of geology and invertebrate paleontology of the American Museum of Natural History, long secretary of the American Geological Society, died on September 26, aged sixty-two years.

DR. JOHN LORENZO HEFFRON, dean emeritus of the College of Medicine of Syracuse University, died on September 28, as the result of injuries received in an automobile accident. Dr. Heffron was seventy-three years old.

BERNARD H. RAWL, former assistant chief of the Dairy Division of the United States Department of Agriculture, died on September 23 at the age of forty-eight years.

DR. RANDOLPH BRYAN CARMICHAEL, professor of dermatology at the George Washington University Medical School, died on September 3, aged fifty-five years.

PROFESSOR KARL BRICK, member and scientific collaborator of the Hamburg Institute for Applied Botany, has died, aged sixty-two years.

THE following awards for 1924-25 have been made by the Salters' Institute of Industrial Chemistry, England: Fellowships are renewed to Dr. W. G. Sedgwick, Armstrong College, Newcastle-on-Tyne, and Oxford, Fellow, 1923-24, and to Mr. W. Randerson, Imperial College of Science and Technology, Fellow,

1922-23, and Hon. Fellow, 1923-24 (during tenure of Albert Kahn Travelling Fellowship). Fellowships are awarded to Mr. H. H. Evers, University of Liverpool; Mr. K. Knight Law, University College, Nottingham; Mr. H. S. Pink, University College, Nottingham, and Oxford, and Mr. V. E. Yarsley, Birmingham University. The Salters' Institute has also awarded 72 grants-in-aid to young men and women, employed in chemical works in and near London, to facilitate their further studies.

THE regular fall meeting of the Executive Committee of the American Association for the Advancement of Science will occur at the Cosmos Club in Washington on Sunday, October 12. Letters and memoranda concerning association matters to be brought before the committee should be in the hands of the permanent secretary not later than October 10.

THE eighteenth annual convention of the Illuminating Engineering Society will be held at Briarcliff Lodge, Briarcliff Manor, New York, from October 27 to 30.

AT the twenty-first annual meeting of the American Roentgen Ray Society held at Swampscott, Mass., from September 3 to 6, the following officers were elected for the ensuing year: *President*, Dr. George A. Groover, of Washington; *Secretary*, Dr. Charles L. Martin, of Dallas, Texas; *Treasurer*, Dr. W. A. Evans, of Detroit, reelected.

THE *Journal* of the American Medical Association reports that the Fifth Biology Reunion convened at the medical school in the City of Mexico on July 21, and continued for several days. Dr. Fernando Ocaranza, president of the Mexican Biological Society, opened the proceedings and spoke later on "Poisoning from scorpion stings" and "Mexican publications on physiology." Professor I. Ochoterena discussed neurologic questions, especially "The dual innervation of striped muscles," and Dr. I. González Guzman the "Technic of postvitam staining" and the "Differential blood count." Among the other speakers, Dr. T. G. Perrin described cancer of endocrine organs and Drs. Cervantes and Varela their experiences with testis implants.

OFFICERS elected at the eighteenth annual convention of the International Association of Game, Fish and Conservation Commissioners at Quebec are: J. Harkin, Ottawa, *president*; John S. Phillips, Pittsburgh, *first vice-president*; F. C. Walker, Hartford, Conn., *second vice-president*; R. P. Pollard, New York, *secretary-treasurer*, and Guy Amsler, Little Rock, Ark., *general manager*.

ARRANGEMENTS are being made for an International Congress of Radiology in London next summer. It is proposed that the congress shall be opened on

June 30, and continue for four days of two sessions each, and that visits shall afterwards be paid to provincial centers. The administrative and social center of the congress will be at the house of the British Institute of Radiology in Welbeck Street.

ACCORDING to the *British Medical Journal* the annual general meeting and conference of the Institute of Industrial Welfare Workers was held at Swanwick, Derbyshire, from September 26 to 29. The subject of the conference was "The doctor and the psychologist in industry." Dr. C. S. Myers, director of the Institute of Industrial Psychology, spoke on the subject of "What psychology can do for industry," and was followed by Dr. W. F. Dearden, honorary secretary of the Association of Certifying Factory Surgeons, who dealt with the subject of "What medical science can do for industry." "The psychological and physiological aspects of accident prevention" was discussed by Dr. Millais Culpin and Dr. H. M. Vernon, investigator for the Industrial Fatigue Research Board.

THE American Institute of Chemical Engineers has received an invitation from Sir Arthur Duckham, president of the Institution of Chemical Engineers (England), to hold a joint meeting in England in July, 1925, following the Providence meeting of the American organization. The secretary is now canvassing the members to see whether a sufficient number would attend a meeting in England to make a joint session successful.

DR. A. W. GILBERT, Massachusetts Commissioner of Agriculture, has announced plans for bringing together world leaders in all lines of agriculture at some American university next July, for a month's school of instruction and discussion of problems of cooperation in agriculture. Dr. Gilbert is chairman of the committee that will arrange for the meeting.

ITALY'S National Exhibition of Pure and Applied Chemistry, which was to have been held this fall at Turin, has been postponed until spring. It was found that the task of assembling the exhibits was greater than had been estimated. Because of the postponement, however, the scope of the exhibition will be expanded.

THE Iowa Child Welfare Research Station has received a bequest of \$10,000 in the will of the late Cora B. Hillis, of Des Moines, Iowa.

THE establishment in Philadelphia of a technical research bureau to investigate the problems of dyeing, yarn testing, designing and other details of production has been approved at the annual convention of the National Knitted Outerwear Association.

THE University of Colorado has received a gift of

\$5,000 and an assured income of \$1,000 a year for the purchase of books in medical research, from Mrs. Charles Denison, of Denver.

SELECTION of Portland, Ore., for the new northwest reforestation experiment station has been recommended by E. H. Clapp, assistant forester in charge of research at Washington, D. C. The new station will be the center of the most extensive forestry experimental work in the United States. Study will extend to problems on private timber holdings as well as on the national forest areas, and will include growth of trees, protection of young trees from fire and methods of cutting and brush burning to insure reforestation. All the leading timber of the northwest will be served from the Portland office, if the recommendation is accepted.

A NATIONAL Cancer Institute at Lima, Peru, was inaugurated recently by the president of the republic. Dr. Eladio Lanatta, a local physician, who has been making a special study of radiography in the United States, has been placed in charge of the new institution.

UNIVERSITY AND EDUCATIONAL NOTES

DRURY COLLEGE, Springfield, Missouri, has received \$100,000 from an anonymous donor.

By the will of the late Mrs. N. F. McCormick, Tusculum College, Tennessee, will receive \$100,000, Princeton University \$20,000 and the Allahabad Agricultural Institute of India \$3,500.

FOUR new buildings become available at Ohio State University with the opening of the fall quarter. The buildings represent an expenditure of more than \$1,000,000 and include a new administration building, commerce building, Hamilton Hall and the journalism building.

FUH TAN UNIVERSITY, Kiangwan (Shanghai), China, has been given \$100,000 for a psychology building. The building is to be of stone, three stories high, 50 ft. by 120 ft. Dr. Zing Yang Kuo, who was trained in psychology at Columbia University and the University of California, is head of the department of psychology at Fuh Tan University.

DR. LEMUEL H. MURLIN, for thirteen years president of Boston University, has accepted the position of president of DePauw University, Indiana.

THE trustees of Worcester Polytechnic Institute have offered the presidency of the institution to Rear Admiral Ralph Earle to succeed Dr. Ira N. Hollis, who handed in his resignation two years ago to take effect on the choice of a successor.