

Dr. L. H. Newburgh, University of Michigan, \$1,250 a year for three years for a study of the production of chronic nephritis with high protein diets and amino acids.

Dr. J. Abelin, Berne, Switzerland, \$800 for a research on the influence of the vegetative nervous system on the metabolism.

As a rule, preference will be given to researches on a single problem or on closely allied problems: It is hoped that investigators in this and in other countries may be found, whose work on similar or related problems may be assisted so that more rapid progress may be made possible.

Applications for grants to be held during the year 1925-26 should be in the hands of the executive committee before May 15, and should be sent to the secretary, Dr. Francis W. Peabody, Boston City Hospital, Boston, Massachusetts.

### SCIENTIFIC NOTES AND NEWS

DR. WILLIAM FRANCIS HILLEBRAND, chief chemist of the Bureau of Standards, died on February 7 at the age of seventy-one years.

THE nomination of Dr. William M. Jardine, president of the Kansas State Agricultural College, to be United States secretary of agriculture has been confirmed by the senate. F. D. Farrell, dean of the School of Agriculture, has been named acting president of the college, and Dr. Jardine has been given an indefinite leave of absence.

DR. W. W. KEEN, of Philadelphia, has been elected a foreign honorary member of the Royal Academy of Medicine of Belgium.

AT the graduation exercises of the Army Medical School on February 10, Captain Harvey R. Livesay was awarded the Sternberg Medal and Lieutenant Leon L. Gardner the Hoff Medal.

THE Geological Society of England has announced the distribution of its medals and awards for this year as follows: Wollaston Medal, G. W. Lamplugh; Murchison Medal, Dr. H. H. Thomas; Lyell Medal, J. F. N. Green; Bigsby Medal, C. W. Knight; Wollaston fund, Dr. A. Brammall; Murchison Fund, Dr. A. E. Trueman; Lyell Fund, Dr. J. A. Thomson and Dr. W. A. Richardson.

THE Italian association of hygiene is planning to present a gold medal to Dr. A. Selavo, professor of hygiene at Florence, on the occasion of its annual meeting, in tribute to his services to the cause of hygiene in Italy.

PROFESSOR BOHUSLAV BRAUNER, professor of chemistry in the Charles' (Bohemian) University at Prague, has been awarded the cross of a chevalier of

the French Légion d'Honneur for his scientific work in chemistry.

A DINNER was given at the Colonial Club, Cambridge, on February 3, in honor of Solon Irving Bailey, Phillips professor of astronomy, who retired from the staff of the college observatory on February 1, after thirty-two years of service.

DR. LEWIS BUCKLEY, of New York, has been elected chairman of the Engineering Foundation, New York.

PROFESSOR FREDERICK H. KRECKER, of Ohio State University, has been made editor of the *Journal of Science*, the official organ of the Academy of Science and of the Scientific Society of the University.

DR. FRANZ E. GELDENHUYS was recently named by the Minister of Agriculture in South Africa as chief of a new division of agricultural economics and markets in the Department of Agriculture.

EDWARD P. BARTLETT, associate professor of chemistry at Pomona College, California, is on a year's leave of absence from the college and has accepted an appointment in the Haber division of the Fixed Nitrogen Research Laboratory, Washington, D. C.

VANCE P. EDWARDES, in charge of sulphite investigations in the pulp and paper section of the Forest Products Laboratory, 1917-1921, has rejoined the laboratory after three and one half years in the employ of the Interlake Division of the Consolidated Water Power & Paper Co. at Appleton, Wis.

LEOPOLD R. CERECEDO has resigned as professor of chemistry at Fordham University, New York, to do research work at Yale University.

DR. E. V. COWDRY, of the Rockefeller Institute for Medical Research, who has been working in Sir Arnold Theiler's laboratory near Pretoria, South Africa, expects to arrive in New York early in March.

It is reported that Mme. Curie, of France, has accepted the invitation of the National University, Mexico City, to deliver a series of lectures at the university on radium developments.

PROFESSOR E. V. MCCOLLUM, of the School of Hygiene and Public Health of the Johns Hopkins University, recently lectured at the Universities of Wisconsin, Minnesota, Iowa, Nebraska, the Mayo Foundation, the Academy of Medicine of Des Moines and at Washington University, St. Louis, on the subject of "The present status of our knowledge of vitamins."

DR. OSCAR M. SCHLOSS, professor of pediatrics at the Cornell University Medical College, will deliver the seventh Harvey Society lecture at the New York Academy of Medicine, on Saturday evening, March 21.

His subject will be "The intestinal absorption of antigenic protein in infancy."

DR. THEOBALD SMITH, director of the department of animal pathology of the Rockefeller Institute, recently spoke at Cornell University on "The purpose of research."

DR. MICHAEL I. PUPIN, of Columbia University, delivered the midwinter convocation address at George Washington University, on the afternoon of February 23.

DR. J. PAUL GOODE, professor of geography in the University of Chicago, gave an illustrated lecture on "Hawaii: An island paradise," before the Geographic Society of Chicago, on February 27.

DR. GEORGE F. DICK, associate professor of clinical medicine at the University of Chicago, lectured on "Scarlet fever" at the School of Hygiene and Public Health at the Johns Hopkins University on January 26.

DR. S. DUSHMAN, of the General Electric Company, of Schenectady, gave two lectures at the Massachusetts Institute of Technology, on February 17 and 18, entitled "Recent aspects of Bohr's theory."

E. M. K. GEILING, of the Johns Hopkins University, addressed members of the Southern California section of the American Chemical Society at Los Angeles on January 28, on "The chemical and physiological properties of the secretions from internal glands."

DR. EMMELINE MOORE, investigator in fish culture for the New York State Conservation Commission, gave a lecture recently on the topic, "Stream pollution in relation to wild life conservation," before the class in conservation of wild life, department of zoology, Cornell University.

PROFESSOR MANNE SIEGBAHN, of the University of Upsala, Sweden, delivered a series of three lectures on "X-rays and atomic structure" at the California Institute of Technology, on February 6, 7 and 9.

SIR DANIEL HALL, of the British Ministry of Agriculture, gave two lectures at Cornell University on January 30, entitled, "The case of the large versus the small farm" and "Tulips: a study of the history and problems presented by a cultivated plant."

PROFESSOR PETER DEBYE, of the Federal Institute of Technology, Zürich, is giving a series of three lectures on "Theories of magnetism" in the Jefferson physical laboratory, Harvard University, on February 19, March 3 and 5.

C. J. P. CAVE delivered his presidential address to the Royal Meteorological Society, England, on Janu-

ary 21, on "The present position of meteorology and meteorological knowledge."

SIR WILLIAM B. HARDY delivered a lecture on "Problems presented by films on solid surfaces," under the auspices of the Chemical Society, London, on February 26.

FRIENDS and admirers of the late Angelo Mosso, the distinguished Italian physiologist, and for many years professor in the University of Turin, are planning a memorial. This will take the form of a monument in his native town, Chieri, and eventually an institution bearing the name of Mosso. Contributions are solicited by the committee and may be sent to Professor Edoardo Audenino at Turin.

A BRONZE portrait panel, erected to Dr. Isadore Dyer, formerly dean of the Tulane University Medical School, New Orleans, by the faculty of the school, was unveiled at a recent meeting of the Southern Medical Association.

THE brain of Dr. Burt Green Wilder, who died on January 21, has been bequeathed to Cornell University for scientific purposes. The collection of brains at Cornell, most of them prepared by Dr. Wilder when he taught there, is said to be one of the finest in the world.

PRESTON A. LAMBERT, professor of mathematics at Lehigh University, was drowned on February 15, aged sixty-three years.

DR. DUNLAP J. MCADAM, professor emeritus of mathematics at Washington and Jefferson College, died on February 15, aged eighty-two years.

DR. OLIVER HEAVISIDE, of England, known for his work in electromagnetism, died on February 5, in his seventy-fifth year.

PROFESSOR W. A. HASWELL, F.R.S., emeritus professor of biology in the University of Sydney, and author, with the late Professor T. Jeffrey Parker, of "A text book of zoology," has died, aged seventy years.

THE deaths are also announced of the following scientific men: Dr. E. Weber, professor of physiology at the University of Berlin; Dr. Alberto Segovia, emeritus professor of biology at Madrid; Dr. E. Heding, professor of anatomy at the University of Zürich; Dr. Leo Testut, emeritus professor of anatomy at the University of Lyon; Dr. A. Schnabel, of the Koch Institute at Berlin; Dr. Adolf Schenkl, emeritus professor of ophthalmology at Prague; Dr. Albert Narath, professor of surgery at the University of Utrecht, and Dr. Julius Hirshberg, professor of ophthalmology at the University of Berlin.

THE annual congress of Medical Education, Medical Licensure, Public Health and Hospitals will take place in the Congress Hotel, Chicago, from March 9 to 12. The program includes symposiums on "Twenty-five years' progress in medical education," "Medical service in rural communities," "Essentials of an adequate examination" and "Essential principles of a medical practice act."

THE 197th meeting of the Washington Academy of Sciences was a joint meeting with the affiliated societies of the biological group and was held on February 19. A group of papers was presented on "Undesirable immigrants" from the standpoints of "Animal diseases," by Dr. J. R. Moller, Bureau of Animal Industry; "Plant diseases and insect pests," Dr. C. L. Marlatt, Bureau of Entomology; "Human diseases," by Dr. Lawrence Kolb, Hygienic Laboratory.

THE new Sterling Hall of Medicine at Yale University was dedicated on February 23. The building was presented by George Hervey Church, representing the Sterling trustees, and was accepted for the university by President James Rowland Angell. Addresses were made by Dr. Harvey Cushing, professor of surgery at Harvard University, and by Dr. William Henry Welch, director of the School of Hygiene and Public Health at the Johns Hopkins University. Dean Milton C. Winternitz, of the School of Medicine, presided.

AT the recent meeting of the American Society of Biological Chemists held in Washington, D. C., from December 29 to 31, Dr. Henry C. Sherman, Columbia University, was elected president; Dr. Edward C. Kendall, Rochester, Minn., vice-president, and Dr. Walter R. Bloor, Rochester, N. Y., treasurer. The secretary is Dr. David W. Wilson, Philadelphia.

AT the annual meeting of the Association for Research in Nervous and Mental Diseases, held in the Hotel Commodore, New York, on December 29 and 30, Dr. Walter Timme, New York, was elected president; Dr. Edward W. Taylor, Boston, vice-president; Dr. Henry A. Riley, New York, secretary-treasurer, and Dr. Thomas K. Davis, New York, assistant secretary. The proceedings of this meeting, representing the results of the research under the auspices of the association, will be published and distributed to members without charge.

THE policy of the United States Forest Service to make research so far as possible a cooperative affair between scientist and layman was furthered February 12 and 13 with the first meetings in Asheville, North Carolina, of the Appalachian Forest Research Council, a group of local men of affairs appointed by the secretary of agriculture to assist the Appalachian Forest

Experiment Station with cooperation and advice on all forestry matters touching the welfare of this region. Two days were devoted to meetings, under the chairmanship of Mr. W. D. Tyler, president of the Clinchfield Coal Corporation, of Dante, Virginia. Those present showed their interest in the work of the council in the adoption of a strong series of resolutions supporting state and federal action towards forest tax adjustment, state forestry, fire protection, utilization of timber killed by the chestnut blight and cooperation with the experiment station.

ON January 3, Pi Chapter, of Phi Sigma Biological Research Society, was installed at Emory University, Atlanta, Georgia, by the president, Dr. Ira E. Cutler, head of the biology department of the University of Denver.

TEN medical officials of Central and South America, comprising the next interchange of public health officials by the League of Nations, have been invited by Surgeon General Cumming to spend two months in the United States studying health conditions in various parts of the country, according to the *New York Times*. Before coming to the United States, the officials, who represent Argentina, Brazil, Cuba, Costa Rica, Mexico, Paraguay, Peru, Salvador, Uruguay and Venezuela, will meet in Havana to spend a week studying measures against epidemic diseases in Cuba.

ACCORDING to press dispatches two human skeletons belonging to the Paleolithic Age, of the Neanderthal type, and believed to be more than 50,000 years old, have been discovered in a cave near Simferopol, in the Crimea, by Professor Bontish-Osmolovsky, a Russian anthropologist. While the two skeletons are not anything like the age of the skull of the man-like ape, recently discovered by Professor Dart, near Bechuana-land, anthropological authorities here say that the Simferopol finds, taken altogether, throw considerable light on the remote primeval period. In addition to the human relics found in the cave, there were also discovered a number of skeletons of mammoths, dinosaurs, cave hyenas, cave bears and a large variety of stone implements.

THE establishment of an astronomical observatory with a large telescope in Honolulu is assured, according to an announcement made there recently by T. S. H. Shearman, head of the Weather Bureau in Vancouver, who went there to take up the matter with officials of the Pan-Pacific Research Institution. Mr. Shearman is the builder of the large telescope placed in the Frye Observatory in Seattle. The original plans called for it to be established in Honolulu, but the outbreak of the war in 1914 brought about a change. Mr. Shearman said that a four-foot reflector telescope would be installed in Honolulu at once,

and if the Hawaiian skies prove satisfactory as an observing area, it will be replaced by a ten-foot reflector, similar to the one in Seattle.

A PROSPECTUS has been issued by the New York University describing a proposition to establish a national institute for research in colloid chemistry. In this pamphlet Professor J. H. Matthews outlines the need for such an institution and sets forth definite plans for the project, and presents the views on the subject of many leaders in this field.

ALONG the lines of the American national parks, such as the Yellowstone, an Albert National Park will be established in the Belgian Congo, according to a decision reached between the King and the Minister of the Colonies. A royal decree will be issued in the near future forbidding hunters to penetrate the zone selected, which is in the northeast portion of the Belgian Congo, at an altitude of 3,000 to 4,000 meters between Lake Kuon and Uganda. Flora and wild animals will be protected by the government.

THE Minister of the Colonies, by a decree dated December 30, has created a large game sanctuary in France's Antarctic possessions. These possessions include the islands of Crozet, St. Paul and Amsterdam, Adelia Land, and the Antarctic coast between Doigt de Sainte Anne and Port aux Lapins. The principal animals protected are polar bears, walrus, sea lions and penguins. The French naval station in Madagascar will be responsible for the patrol of the new preserve.

ACCORDING to press dispatches, Great Britain intends to enter the air race to the North Pole with an expedition next May under the leadership of a young Iclander, Grettir Algarsson, and Captain Frank Worsley, who commanded Shackleton's ships, the *Endurance* and the *Quest*, in their explorations of south polar regions. It will proceed to Spitzbergen, then north as far as the ice will permit and establish a base somewhere 81°. The final six-hundred-mile air dash to the pole will be made by Algarsson and one companion in a special seaplane fitted with skis and floats.

### UNIVERSITY AND EDUCATIONAL NOTES

SIMON GUGGENHEIM, former United States Senator from Colorado, and his wife have given \$3,000,000 for the endowment of the John Simon Guggenheim Memorial Foundation Fellowships for advanced study abroad.

THE Commonwealth Fund, of New York, has announced the establishment of twenty annual fellowships for British students at American universities, similar to the Rhodes scholarships for American students.

ANNOUNCEMENT has been made of the completion of the \$3,000,000 fund for the establishment of the Wilmer Institute of Ophthalmology at the Johns Hopkins University Medical School. Dr. William Holland Wilmer will be at the head of the institute and professor of ophthalmology in the Johns Hopkins Medical School.

T. R. FERENS, formerly a member of British Parliament, has given the sum of £250,000 as a nucleus of a fund for the founding of a university college in Hull, England.

THE board of regents of the University of Nebraska has elected Dr. J. Jay Keegan, now professor of clinical pathology, dean of the School of Medicine to succeed Dr. Irving S. Cutter, resigned.

DR. PAUL F. SHARP, of the Montana Agricultural Experiment Station, has been appointed professor of dairy chemistry in the department of dairy industry at Cornell University.

DR. ERNEST C. LEVY, chief health officer of Richmond, Va., and director of public welfare, has accepted the professorship in preventive medicine at the Medical College of Virginia, Richmond.

CARL OTTO, formerly of the University of Cincinnati, has been appointed assistant professor in the department of chemistry and chemical engineering at the University of Maine.

DR. EDWARD HINDLE, professor of biology in the Cairo School of Medicine, has been appointed a member of the London School of Hygiene and Tropical Medicine, to undertake research work in spirochaetosis.

PROFESSOR O. VOGT, director of the Institute for Research on the Brain, Berlin, has been appointed emeritus professor of the University of Oporto, Portugal, where he recently delivered a course of lectures.

PROFESSOR GUSTAV HERGLOTZ, of the University of Leipzig, has been called to the chair of mathematics at the University of Göttingen to take the place of Professor Runge, who has been made emeritus professor.

### DISCUSSION AND CORRESPONDENCE THE ZOOLOGICAL RECORD AND BIOLOGICAL ABSTRACTS

MANY zoologists in this country will be interested in the presentation by Dr. P. Chalmers Mitchell, in a recent number of *SCIENCE*, of the present financial situation of the *Zoological Record*. This excellent publication has served us well since 1864 and American zoologists would be the last to contribute in any way to its harm. Indeed, the obligation due our British fellows is so great that only some positive efforts on our part to meet their needs can serve to