

NAME	PLACE OF WORK	SPECIALTY
McCordock, H. A.	Johns Hopkins	Pathology
Newman, L. H.	Harvard	Biochemistry
Sands, M. J.	Cambridge	Physiology
Smith, Francis M.	Johns Hopkins	Biochemistry
Smith, Homer W.	Harvard	Physiology

From a list of 52 candidates the following 14 were appointed:

Britton, Sydney W.	Harvard	Physiology
Chambers, Wm. H.	Cornell	Physiology
Drabkin, David L.	Yale	Biochemistry
Hughes, Thomas P.	Harvard	Bacteriology
Isaacs, Moses L.	Columbia	Biochemistry & Immunity
Katz, Louis N.	London	Physiology
Kennedy, James A.	Harvard	Bacteriology
Loebel, Robert O.	Berlin	Physiology
McKinley, Earl B.	Brussels	Bacteriology
Miller, Aura J.	Harvard	Pathology
Reed, Carlos I.	Chicago	Physiology
Seriver, W. DeM.	Harvard	Biochemistry
Shambaugh, Noel F.	Michigan	Biochemistry
Woodall, Chas. S.	Harvard	Biochemistry

The following general action as to the administration of the fellowships was also taken: A limited number of appointments to work abroad will be made, selections to be made because of special qualifications and upon the initiative of the board, not the candidate. Applicants may express a desire to work in a foreign country, but should also indicate with whom they would desire to work in this country if not accepted for work abroad.

THE ALABAMA ACADEMY OF SCIENCE

ON April 4, there was organized at Montgomery, Alabama, an Alabama Academy of Science with the following officers elected:

President, Wright A. Gardner, Ph.D., head of the department of botany, Alabama Polytechnic Institute.
First Vice-president, H. D. Pallister, Ph.D., head of the School of Mines, University of Alabama.
Second Vice-president, Walter C. Jones, M.D., professor of zoology in the Birmingham-Southern College.
Secretary-Treasurer, Sumner A. Ives, Ph.D., head of the department of biology of Howard College.
Honorary Dean, Eugene A. Smith, Ph.D., state geologist, University of Alabama.

There were fifty-six members present and seventeen papers presented. The object of the organization is to promote scientific research. The opportunity to become a charter member by paying the annual dues of one dollar to the Secretary-Treasurer has been extended to June 4.

SUMNER A. IVES,
Secretary-Treasurer

SCIENTIFIC NOTES AND NEWS

THE University of Manchester conferred at the Founder's Day ceremony on May 21 its honorary doctorate of science on Professor Niels Bohr and Professor Max Weber.

SIR EDWARD SHARPEY SCHAFER, professor of physiology in the University of Edinburgh, has been elected a corresponding member of the French Academy of Medicine.

DR. FRANZ BOAS, professor of anthropology in Columbia University, has been elected a corresponding member of the Bavarian Academy of Sciences.

GOVERNOR SMITH has reappointed Dr. Simon Flexner as a member of the New York State Public Health Council for a term of six years.

DR. HENRY M. HURD, psychiatrist and physician, and first superintendent of the Johns Hopkins Hospital, celebrated his eighty-first birthday on May 3.

THE Victorian Medal of the Royal Geographical Society was on May 26 handed to Boylston Beal, special United States Embassy attaché for Dr. John F. Hayford, director of the College of Engineering of Northwestern University to whom it was recently awarded for conspicuous merit in scientific research in geography.

PROFESSOR C. J. KEYSER and Professor Edward Kasner have been designated delegates from Columbia University to the International Mathematical Congress to be held in Toronto in August. Dr. Frederick Hollister Safford will be delegate from the University of Pennsylvania.

DR. FRANCIS GILMAN BLAKE, of the Yale Medical School, has been elected a member of the Board of Scientific Directors of the Rockefeller Institute for Medical Research, to fill the vacancy created by the death of Dr. Hermann M. Biggs.

AT the meeting of the Association of American Physicians at Atlantic City, N. J., early in May, lectureship prizes were awarded to Dr. George F. Dick, of Chicago, and Dr. Alphonse R. Dochez, of New York, for their work in connection with scarlet fever.

PROFESSOR S. KITASATO, director of the Biological Institute at Tokio, whose name is particularly associated with the discovery of the bacillus of plague, has been created a baron by the Emperor of Japan in recognition of his scientific services. He is the first member of the medical profession unconnected with the government to be so honored. Baron Kitasato will be president of the sixth congress of the Far Eastern Association of Tropical Medicine to be held in Japan next October.

DR. R. E. STRADLING, head of the department of civil engineering, architecture and building in the Technical College, Bradford, since 1922, has been appointed director of research of the Building Materials and Construction Research Board of the Government Department of Scientific and Industrial Research.

DR. LEWIS A. CONNER, of New York, was elected president of the Association of American Physicians, at the annual meeting held in Atlantic City, on May 6 and 7. Dr. Richard P. Strong, professor of Tropical Medicine at the Harvard Medical School, was elected vice-president.

PROFESSOR MARY W. CALKINS, of the department of philosophy and psychology at Wellesley College, has been elected vice-president of the American Association of University Professors. She will fill the vacancy caused by the death of Professor M. S. Slaughter, of the University of Wisconsin.

DR. F. E. BREITHUT, who has for the last year been in Europe as trade commissioner, with special reference to the chemical industries, of the New York City Department of Commerce, has resigned in order to resume his work in the department of chemistry of the College of the City of New York.

WILLIS T. LEE has been granted leave of absence for the rest of the year from the Geological Survey and will make a detailed study of the Carlsbad Cave in Arizona for the National Geographic Society.

DR. E. V. COWDRY, of the Rockefeller Institute for Medical Research, sailed recently for South Africa *via* England to spend, at the invitation of the dean of the veterinary division, Sir Arnold Theiler, a year at the Transvaal University College in Pretoria, where he plans to study the life cycle of protozoa causing diseases of domestic animals.

DR. ROBERT W. HEGNER and Dr. Francis M. Root, of the department of medical zoology of the School of Hygiene and Public Health of the Johns Hopkins University, sailed on May 31 for a summer in tropical America, where they will work in cooperation with the medical department of the United Fruit Company. They will visit Cuba, Jamaica, Guatemala, Honduras, Panama and Colombia, remaining a sufficient length of time at Tela, Honduras and Santa Marta, Colombia, to carry on investigations on malaria, mosquitoes and intestinal protozoa. During the latter part of July they will attend the International Congress on Health Problems in the Tropics at Kingston, Jamaica.

DR. ALEXANDER HAMILTON RICE, vice-president of the American Geographic Society, has organized an expedition for scientific study in Central Brazil during the coming year, and has invited Dr. Richard P.

Strong, director of the Department of Tropical Medicine at Harvard University, to conduct a medical expedition in this same region for purposes of scientific investigation. Other members included in the medical expedition will be Dr. George C. Shattuck, Dr. Joseph Bequaert and Mr. Ralph Wheeler.

CAPTAIN G. H. WILKINS, formerly biologist of the *Quest* expedition, who has been collecting specimens in Australia for the British Museum, proposes to lead a small expedition to the Antarctic next year to investigate the possibility of using airplanes in connection with a search for sites for establishment of meteorological stations.

DR. LEON J. COLE, chief of the Division of Animal Husbandry of the Department of Agriculture, and Mr. Edward N. Wentworth, director of Armour's Livestock Bureau, Chicago, have been invited as the guests of honor of the Scottish Cattle Breeders' Conference, to deliver a series of lectures on the genetics of cattle breeding, from July 7 to July 11 inclusive. The conference will be held at Edinburgh this summer in connection with the gathering of breeders and scientific workers from the colonies at the British Imperial Exhibition. While abroad, Dr. Cole and Mr. Wentworth will spend some time studying Danish pig-breeding and methods of bacon production.

PROFESSOR JULIUS STIEGLITZ, of the University of Chicago, delivered, on May 12, 13 and 14, the second course of Dohme Lectures at the Johns Hopkins Medical School on "Chemistry and recent progress in medicine." The lecturer presented his subject from the point of preparative chemistry and physical chemistry and also considered the question of oxidation in the animal body from a physical chemical standpoint. The lectures will be published in the Johns Hopkins Hospital Bulletin and in the form of a brochure.

THE meeting of the Philosophical Society of Washington on May 31 will be addressed by Dr. Alfred J. Lotka, of the Johns Hopkins University, on "Irreversibility—cosmic and microcosmic."

DR. LEE DEFORREST delivered a lecture on "Talking movies," under the auspices of the Yale Branch of the American Institute of Electrical Engineers, on May 7.

A BUST of Admiral George Melville, by Samuel Murray, has been bought for the American Society of Mechanical Engineers by a group of his personal friends. The committee in charge of the purchase and presentation of the bust is composed of Alexander C. Humphreys, Asa M. Mattice, Ira N. Hollis, Robert S. Griffin, William D. Hoxie and Walter M. McFarland. The formal presentation will probably be made some time during the annual meeting of the society

next December. Admiral Melville, former engineer-in-chief of the U. S. Navy, was president of the society in 1899 and an honorary member at the time of his death in 1912.

DR. ROBERT G. HALL, to whom his father, the late Dr. Stanley G. Hall, ex-president of Clark University, left his library, together with other household goods, has presented to the department of psychology of the university the library and a number of the pictures which hung in the room in which Dr. Hall for years held his Monday evening seminar. It is planned to keep the collection together and to reconstruct, in so far as this is possible, the setting of the familiar seminar room.

PROFESSOR J. H. TEACHER has presented to the University of Glasgow for the new common rooms a fireplace from the Lister Ward, which he has acquired from the demolition contractor. The gift includes an iron grate of simple type with curved bars, an ashpan, a steel fender and a plain grey stone mantelpiece.

A SPECIAL feature of the celebration of the two hundredth anniversary of the birth of Immanuel Kant, in Königsberg, on April 22, 1724, will be the presentation of money and books to the university, where he was appointed professor of philosophy in 1770.

DR. EUGENE WARMING, emeritus professor of botany at the University of Copenhagen, died on April 2, aged eighty-three years.

M. C. A. ANGOT, director of the Central Meteorological Bureau, Paris, died on March 16, aged seventy-five years.

DR. V. HENSEN, emeritus professor of physiology in the University of Kiel, has died at the age of eighty-nine years.

At the request of the commission on new types of examination of the College Entrance Examination Board, Professor L. P. Eisenhart, of Princeton University, has formed a committee of mathematicians to examine critically certain statistical methods used in the investigations of the commission. The other members of the committee are Professors R. W. Burgess, W. L. Crum, E. V. Huntington, H. H. Mitchell, H. L. Rietz and J. H. M. Wedderburn.

At the Conference of Industrial Hygiene to be held in Geneva in July, discussions have been announced as follows: The subject of "Vitiating atmosphere in workshops" will be introduced by Professor Leonard Hill, who will deal with ventilation. Dr. Kohn-Abrest, of Paris, will discuss "Dust and smoke," and Professor Lehmann, of Würzburg, "Gases." The subject of industrial lighting and eye-strain will be introduced by Dr. Gaster, of London; he will be fol-

lowed by Dr. Oslath, of Trieste, who will deal with general physiopathology, and Dr. Stassen, of Liège, who will discuss light in mines. Reports on the value of fatigue tests will be made by Dr. F. Lee, of New York; Professor M. Patrizi, of Bologna, and Mr. Wyatt, of London.

THE *Archiv für Zellforschung*, founded and edited by Professor R. Goldschmidt, of Berlin, has suspended publication on account of difficulties with the publishers. It will be replaced by a new periodical—the *Zeitschrift für Zellen- und Gewebelehre*, edited by Dr. Goldschmidt and W. von Moellendorf, of Kiel, the first number of which has just appeared.

THE regents of the University of Colorado have changed the name of the Denison Laboratory for Medical Research, Boulder, to the Henry S. Denison Laboratory for Biological Research. The laboratory is the gift of Mrs. Henry S. Denison, of Denver, in memory of her son and husband. The removal of the medical school to Denver, next fall, is responsible for the change in name and purpose of the laboratory. Dr. Ross C. Whitman will remain in charge, but his title will be changed from professor of bacteriology to professor of pathology.

THE annual conference of the Universities of Great Britain and Ireland was held at the British Empire Exhibition, Wembley, on May 10. The morning session was devoted to discussion of the directions in which universities might profitably develop, at the present time, were funds available, and the Ph.D. degree as an encouragement to higher study and research. The subjects for the afternoon session were universities and research in relation to the development of the natural resources and the industries of the empire, and the interchange of university teachers and students within the empire.

THE American Society of Mechanical Engineers has available for loan a few manuscript copies of a "Bibliography on Measuring Instruments," prepared particularly from the viewpoint of the mechanical engineer, by F. S. Schlink, of the Special Research Committee on Permanency and Accuracy of Indication of Engineering Instruments. This bibliography seeks to cover only those fields not adequately taken care of in other reference sources.

PARIS correspondent of the *Journal* of the American Medical Association writes: "Last year Professor A. Calmette, of the Pasteur Institute, pointed out that the mortality from infectious diseases had diminished during the last thirty-five years. With preventive measures based on Pasteur's discoveries, we save an average of 90,000 lives a year. But if our public health services were properly organized and the mortality rate of France were brought down to that of Switzerland, the Netherlands, Denmark, Sweden and

Norway, we could save 180,000 lives every year, and with such saving the population of France would have remained around 40,000,000. However, since 1806—that is, since exact birth and death statistics have been kept—the birth rate has steadily declined. Recently, Calmette sent to the Academy of Medicine curves of the births and deaths during this period. These show that, during the first half of the last century, the number of births per thousand population was higher than the number of deaths. But, about 1855, the numbers begin to be more nearly equal. From 1890 on, the two curves begin to cross, and between 1914 and 1919 the births took a deplorable drop. Calmette estimates that the war not only cost France 1,500,000 lives, but prevented 1,560,000 births. A sudden upward trend of the birth curve in 1920 awakened hope, in which year the birth rate rose to 21.3 per thousand population in place of 9.5, which it was in 1916. But in 1921 it dropped back to 20.7 and in 1922 to 19.4. In the latter year, there was a deficit of 74,000 births as compared with 1920."

We learn from the London *Times* that recent acquisitions of the Natural History Museum at South Kensington include a skeleton of the dolphin *Pseudorca crassidens* from the Cambridgeshire Fens, presented by Dr. J. R. Garrood, of Huntingdon. The gift is of considerable scientific importance, as the type specimen of the species which belonged to the museum of the Stanford Institute was lost many years ago. Two meteoric stones, one weighing 2,869 grams and the other 1,355 grams, which fell at Merna, near Allahabad, were received from the director of the Geological Survey of India. A large collection of spiders made by the late Mr. H. R. Hogg was presented by his widow. This gift is of importance, as it includes the types of many Australian species described by Mr. Hogg. Professor A. Dendy, F.R.S., of King's College, London, presented the whole of his spirit collection of land planarians, comprising over 70 named species, a large proportion of which are types. This addition to the collection of a little-known group of worms is of much scientific interest. The purchases approved by the trustees included two specimens from Abyssinia of the Aard Vark in the flesh. These specimens are being dissected, and it is hoped that it may be possible from this material to throw some light on the problem of its proper place in the classification of the mammalia.

UNIVERSITY AND EDUCATIONAL NOTES

A BEQUEST of approximately \$350,000 comes to the University of Wisconsin in a trust fund by the will of the late Thomas E. Brittingham.

PRINCETON UNIVERSITY receives \$100,000 for the endowment of eight equal scholarships, four for Mich-

igan and four for Maryland students, under the will of John G. Armstrong, of Detroit, Mich. The will directs that in choosing the holders of the scholarships "the general mental, moral and physical characteristics be taken into consideration rather than any specialized excellence in any one field."

DR. KENYON L. BUTTERFIELD has resigned the presidency of the Massachusetts Agricultural College to become president of the Michigan Agricultural College at Lansing, as successor to Dr. David Friday.

THE title of Mitchill professor of chemistry in Columbia University, previously held by Dr. Charles F. Chandler, who retired in 1910, has been conferred upon Dr. Henry C. Sherman, who has taught in the department of chemistry at Columbia continuously (except for absence on war service) since 1899 and has been executive officer of the department since 1920.

PROFESSOR ALBERT SAUVEUR, of the Harvard Engineering School, who is now on leave of absence abroad to receive the Bessemer Gold Medal, is named Gordon McKay professor of metallurgy and metallography. This professorship has been unfilled since 1917, Professor Edward D. Peters last holding it.

DR. LEO LOEB, director of the research laboratory at the Washington University School of Medicine, St. Louis, has been appointed Edward Mallinckrodt professor of pathology at the university.

AFTER sixteen years of service as head of the department of physics in Oberlin College, Professor S. R. Williams retires at the end of the present academic year to accept a position in Amherst College made vacant by the death of Professor A. L. Kimball.

VICTOR C. MYERS, Ph.D. (Yale), has resigned as professor and director of the department of biochemistry at the New York Post-Graduate Medical School and Hospital after thirteen years of service, and has accepted the appointment of professor of biochemistry at the State University of Iowa and pathological chemist to the University Hospital.

A new department of physiology and pharmacology has been organized at the University of Louisville with the following staff: Dr. Henry G. Barbour, professor of physiology and pharmacology; Dr. William F. Hamilton, assistant professor of physiology; Dr. Reinhard Beutner, assistant professor of pharmacology; Dr. Arville O. DeWeese, assistant professor of physiology and pharmacology, and Dr. Hulbert V. Noland, instructor in clinical pharmacology.

DR. RUDOLF KRAUS, who recently returned to Vienna after several years in charge of the State Serum Institute in Argentina and later in Brazil, has been appointed to the chair of pathology at the University of Vienna.