

ferent universities and institutions. A considerable number of these fellows requested reappointment for continuation of their work at the same place or else-

where and of these fourteen were reappointed, as listed herewith:

<i>Name</i>	<i>Place of Work</i>	<i>Specialty</i>
Albritton, Erritt C.	Ohio State University	Physiology
Andrus, William D.	University of Cincinnati	Surgery
Anson, Barry J.	Harvard Medical School	Anatomy
Bent, Michael J.	College of Physicians and Surgeons, New York City	Bacteriology
Cone, William V.	Iowa State University	Neuropathology
Curtis, George M.	Rush Medical School	Surgery-Medicine
Davis, Loyal E.	Northwestern University	Neuro-surgery
Ferry, Ronald M.	Harvard Medical School	Biochemistry
Lennox, William G.	Harvard Medical School	Medicine
MacCready, Paul B.	Johns Hopkins Medical School	Laryngology
McLean, Jay	Leipzig	Surgery
Reznikoff, Paul	Harvard Medical School	Physiology-Medicine
Rosenthal, Sanford M.	Johns Hopkins University	Pharmacology
Shibley, Gerald S.	Columbia University	Medicine

Following a recent decision of the Medical Fellowship Board, for a time at least, no fellows will be appointed directly for work in a clinical branch of medicine unless they have served or plan to serve an ap-

prenticeship in one of the medical sciences. With this purpose in mind, a limited number of new fellows were appointed for the ensuing year, beginning July 1, 1923, or shortly thereafter, as follows:

<i>Name</i>	<i>Place of Work</i>	<i>Specialty</i>
Andrus, Edwin Cowles	University of London	Physiology
Barker, Howard B.	University of Michigan	Anatomy
Kleitman, Nathaniel	Oxford University, England	Physiology
Morgan, David P.	Harvard Medical School	Biochemistry
Schwartz, Erich W.	University of London	Pharmacology
Scott, Joseph M.	Johns Hopkins School of Hygiene and Public Health	Bacteriology and Parasitology
Smith, Harry P.	Columbia University	Chemistry and Pathology

Other appointments may be made for the ensuing year at the meeting of the board to be held in September from a considerable list of candidates that applied on or before August 1.

FREDERICK P. GAY

CHAIRMAN, MEDICAL FELLOWSHIP BOARD,
NATIONAL RESEARCH COUNCIL

SCIENTIFIC NOTES AND NEWS

THE ninety-first annual meeting of the British Association for the Advancement of Science opened at Liverpool on September 12 with the presidential address of Sir Ernest Rutherford.

At the Edinburgh meeting of the International Physiological Congress an invitation to meet in America was presented by Professor A. J. Carlson, president of the American Physiological Society, and an international committee was appointed to consider the possibility of accepting it for 1926.

THE International Congress of Psychology at Oxford also considered the question of meeting in the United States three years hence.

PROFESSOR I. P. PAWLOW, of Petrograd, was present at the International Physiological Congress, at

which he made one of the three general addresses and was one of the members receiving honorary degrees from the University of Edinburgh. It will be remembered that he was refused a British *visa* on leaving New York. We learn from *Nature* that permission to land at Southampton (instead of Cherbourg) was obtained by wireless telegraphy during the voyage, through the enterprise of an American colleague and fellow-passenger, who communicated with an English physiologist.

THE nineteenth South African Medical Congress will be held next year in Grahamstown, Cape Province, under the presidency of Dr. E. G. Dru Drury, of Grahamstown.

A GERMAN Society for Dental Anatomy and Pathology has recently been founded under the presidency of Professor Römer, director of the Leipzig University Dental Institute.

LESLIE C. BEARD, Jr., instructor in chemistry in Johns Hopkins University, has become a chemist for the Standard Oil Company of New York. Raphael Rosen, who received the doctor's degree from Clark University in February, has joined the research staff.

E. B. BROWN, who during the past two years has

held the National Tuberculosis Association Fellowship in organic chemistry and biochemistry at Yale University, has resigned to accept a position as research chemist in the Fleischmann Laboratories.

E. J. CASSELMAN, of the Westinghouse Electric and Manufacturing Company, has accepted a fellowship in ceramics at the Mellon Institute.

FRANK B. GORIN has been appointed chief of the heavy chemicals section of the Chemical Division, Bureau of Foreign and Domestic Commerce.

DR. RHODA ERDMANN, formerly connected with Yale University, has been placed in charge of a special department of the Institute for Cancer Research at Berlin for cultivation of tissue cells outside the organism.

THE *Journal* of the American Medical Association reports that the Japanese government's subsidy for the encouragement of medical research for the present year (amounting to about 53,000 yen) has been given to some fifty research workers in fifteen medical colleges, eight special schools of medicine, pharmacology and dentistry, and two institutes. Some of the beneficiaries are: Professor T. Irisawa of the Tokyo Imperial University Medical College for his work on "Influence of Rice-Bran Extract on Beriberi"; Professor J. Simazomo, Kyoto Imperial University Medical College ("Nutritive Value of Japanese Food"), and Professor M. Yamado of the Nagasaki Medical College ("Therapy of *Filaria Bancrofti*").

A SENIOR Bert Memorial Fellowship of the value of £600 per annum has been awarded to Dr. David Keilin, a fourth year fellow working under Professor G. H. Nuttall, F.R.S., at the Molteno Institute for Research in Parasitology, University of Cambridge, on the life-history of parasitic protista and on the physiology of parasitic metazoa. A fourth year fellowship of the value of £400 per annum has been awarded to Miss Katherine Hope Coward, D.Sc., now working at the biochemical laboratory, Institute of Physiology, University College, University of London, on an investigation into the process of metabolism, nutrition and growth of young animals, particularly with reference to so-called deficiency diseases, such as rickets.

MR. D. C. CARROLL, Trinity Hall, Cambridge, has been elected to the Michael Foster research studentship, and Dr. C. C. Worster-Drought, Downing College, has been elected to the E. G. Fearnside's research scholarship.

THE two prizes offered by the Medical and Surgical Society of Guayaquil for the best reviews of the work of Pasteur were awarded to Dr. F. López of Quito

and Dr. Luis Espinosa Tamayo of Guayaquil. A silver tablet with inscription was the first prize. Both articles are to be published in the *Anales* of the society.

DR. HAROLD I. GOSLINE, clinical director and pathologist at the State Hospital for Mental Diseases, Howard, Rhode Island, has been called to the position of chief psychiatrist and clinic director of the Dallas (Texas) Child Guidance Clinic.

DR. HENRY FAIRFIELD OSBORN has sailed for Mongolia from Seattle to join the third Asiatic expedition of the American Museum of Natural History.

It is reported that Professor W. T. Councilman, of the Harvard Medical School, and Mrs. Councilman, en route to Peking, left the Tokio region before the disaster in Japan and are safely on the way to China.

PROFESSOR W. G. CADY, of Wesleyan University, has returned from a half year's leave of absence abroad, in the course of which he made a series of comparisons of radio wave-length standards in Italy, France and England. A set of piezo-electric resonators, which had previously been calibrated at the Bureau of Standards, served as high-frequency wave-length standards, and were compared with wave-meters of other standards in Rome, Livorno, Paris, Teddington and Farnborough.

A STAFF of government experts will sail from Seattle on September 11 for the Philippines to study the possibilities of rubber production in the islands. The survey to be made is in connection with the investigations being conducted by the Department of Commerce to locate areas for American controlled rubber production to combat foreign monopolies of the supply of the raw material. The party to make the investigation in the Philippine Islands consists of C. F. Vance, of Troy, Ohio, special agent of the department, in charge; A. H. Muzzal, of Carpinteria, Calif.; John P. Bushnell, of Washington, D. C., and Marl Baldwin, of the Bureau of Soils of the Agricultural Department.

A RADIO message has been received from Donald B. Macmillan stating that his Arctic Expedition has reached latitude 78° 30'. This indicates that *The Bowdoin* has reached Etah, on the northwest coast of Greenland, 2,300 air miles north of Boston.

NORMAN CLYDE, a teacher of Weaverville, Calif., on August 24 completed for the first time the ascent of Mount Wilbur, 9,293 feet high, in Glacier National Park.

DR. C. U. ARIENS KAPPERS, director of The Netherlands Central Brain Institute, Amsterdam, has

sailed from Marseilles en route to Peking, where he will give lectures in the Union Medical School, during the coming session. In his absence Dr. C. J. van der Horst, assistant director of the institute, will be in charge. During the summer, American workers at the laboratory have been Dr. W. H. Addison, of the University of Pennsylvania, and Dr. H. H. Charlton, of the University of Missouri.

SIR THOMAS OLIVER, the British authority on occupational diseases, arrived in New York on September 1. He will address the St. Louis Medical Society, the National Safety Congress and the American Public Health Association.

DR. F. L. HOFFMAN, chairman of the Committee on Statistics of the American Society for the Control of Cancer, will contribute an address to the forthcoming Belgian National Congress on cancer.

THE eighth summer meeting of the Mathematical Association of America was held at Vassar College, Poughkeepsie, New York, on Wednesday and Thursday, September 5-6, in conjunction with and immediately preceding the summer meeting of the American Mathematical Society which will continue on Friday and Saturday. A joint session of the two organizations was held on Thursday afternoon, and the joint dinner was held on Thursday evening.

THE next meeting of the American Electrochemical Society is to be held in Dayton, Ohio, on September 27, 28 and 29, 1923. The meeting will include a symposium on electrochemistry of gaseous conduction, in charge of Duncan MacRae, Research Laboratory, Westinghouse Lamp Co., Bloomfield, N. J., and a symposium on recent progress in electrolytic refining, under the chairmanship of F. R. Pyne, U. S. Metals Refining Co., Carteret, N. J. An innovation at the meeting will consist of round-table discussions on electric-furnace brass-foundry practice, organic electrochemistry, chlorine and electroplating. There will also be excursions to local plants.

THE 1923 convention of the Illuminating Engineering Society is to be held September 24 to 28, inclusive, at Lake George, N. Y. A well-balanced program of commercial and technical papers is being prepared by the committee under the direction of Mr. J. L. Stair, of Chicago. The officers of the general convention committee are: W. D'A. Ryan, *chairman*; H. W. Peck, *vice-chairman*, and H. E. Mahan, *secretary*.

AN International Congress for Cattle Breeding was held at the Hague from August 29 to September 4. The program included both beef and dairy cattle, with technical problems of heredity and nutrition, and with practical questions such as registration, government assistance, etc. The secretary was H. G.

A. Leignes Bakhoven, Leeuwarden, The Netherlands.

AN international congress on dairying, known as the World's Dairy Congress, will be held at Washington, D. C., on October 2 and 3, at Philadelphia, Pa., on October 4 and at Syracuse, N. Y., in connection with the National Dairy Exposition, from October 5 to 10. Thirty-six countries have accepted President Harding's invitation to send delegates. The program, in addition to discussions of economic and business questions, will include some 200 papers on the breeding and nutrition of dairy animals, the chemistry and bacteriology of milk and milk products and on the nutritional value of milk in the diet of children.

AT the sixth annual meeting of the Northwestern Association of Horticulturists, Entomologists and Plant Pathologists, held at Boise, Idaho, from July 23 to 26, over sixty scientific men were present from Oregon, Washington, Idaho, Utah, Montana and British Columbia. The officers elected for the coming year are as follows: *President*, C. W. Hungerford, plant pathologist, University of Idaho. *Vice-President*, E. J. Newcomer, entomologist, U. S. D. A., Yakima, Washington. *Secretary-Treasurer*, W. T. Hunter, district horticulturist, Vernon, British Columbia. The meeting next year will be held in British Columbia.

THE seventeenth French Congress of Medicine was held at Bordeaux from September 27 to 29. The subjects for discussion include: (1) Remote sequelae of malaria, by Professor Le Dantec, Dr. Hesnard, Dr. Marcel Léger and Dr. Broden, of Brussels; (2) relationship of the sympathetic system and the endocrine glands in pathology, by Professor Pachon and Dr. Perrin; (3) treatment of meningococcal infections, by Professor Dopter and Dr. Boidin.

UNIVERSITY AND EDUCATIONAL NOTES

A DECREASE of 644 in the number of students of electrical engineering enrolled in 129 technical schools of the United States for the year 1922-23 as compared with 1921-22 is shown by figures compiled by Walton St. John of the United States Bureau of Education, the respective totals being 13,275 and 13,919. Similar decreases are shown in the registration for other branches of engineering, civil engineering, with an enrolment of 12,802, showing a loss of 1,590; mechanical engineering, with an enrolment of 14,453, a loss of 1,561; chemical engineering, with an enrolment of 7,054, a loss of 1,668, and mining and metallurgical engineering, with an enrolment of 2,895, a loss of 234.