

NATIONAL RESEARCH FELLOWSHIPS IN MEDICINE

At a meeting of the medical fellowship board of the National Research Council held in Washington on May 1, twenty-four fellows were reappointed and new appointments were made as follows:

NAME	FIELD	LOCATION
Richard M. Brickner	Pathology	W. G. MacCallum
New York		Johns Hopkins
Francis D. Gunn	Pathology	Benj. Roman and
Buffalo, N. Y.		H. U. Williams
		Univ. of Buffalo
Franklin Hollander	Biochemistry	L. B. Mendel
Baltimore, Md.		Yale
Homer D. Kesten	Pathology	Jas. W. Jobling
Los Angeles, Calif.		Columbia
George M. Lawson	Bacteriology	Hans Zinsser
New Haven, Conn.		Harvard
Clive M. McCay	Biochemistry	L. B. Mendel
Berkeley, Calif.		Yale
Trevor Owen	Physiology	
Baltimore, Md.		
I. Theodore Rosen	Physiology	Jos. Erlanger
New York City		Washington Univ.
Maurice B. Visscher	Physiology	A. V. Hill
Minneapolis, Minn.		London
Charles Weiss	Bacteriology	F. P. Gay
Brooklyn, N. Y.		Columbia
Herbert S. Wells	Biochemistry	Carl L. A. Schmidt
Baltimore, Md.		U. of California
Roy G. Williams	Anatomy	E. R. Clark
New Haven, Conn.		U. of Georgia

SCIENTIFIC NOTES AND NEWS

In recognition of the great service rendered to the American Philosophical Society by Professor William Berryman Scott, president from 1918 to 1925, a committee has been appointed with Dr. Henry Fairfield Osborn, as chairman, to arrange for a portrait of Dr. Scott to be hung in the hall of the society.

DR. HENRY M. HURD, emeritus professor of psychiatry at the Johns Hopkins University and first superintendent of the Johns Hopkins Hospital, celebrated his eighty-second birthday on May 3.

WILFRED H. OSGOOD, of the Field Museum, Chicago, was elected president of the American Society of Mammalogists at the annual meeting held recently in the U. S. National Museum in Washington.

DR. B. L. MILLER, head of the department of geology at Lehigh University, was elected president of the Pennsylvania Academy of Science at the annual meeting held in Harrisburg on April 10 and 11.

DR. R. E. LOVING, head of the department of physics in Richmond University, was elected president

of the Virginia Academy of Science at the recent annual meeting held at Richmond.

DR. JESSE MORE GREENMAN, of the Missouri Botanical Garden, has been elected president of the Washington University Chapter of Sigma Xi.

At the annual meeting of the Boston Society of Natural History the following officers were elected: *President*, Thomas Barbour; *Vice-presidents*, Nathaniel T. Kidder, William M. Wheeler and Theodore Lyman; *Councillors for three years*, Henry B. Bigelow, Gorham Brooks, S. Prescott Fay, W. Cameron Forbes, Robert T. Jackson, John L. Saltonstall, John E. Thayer and Charles W. Townsend.

THE Howard Taylor Ricketts prize in pathology has been awarded to Dr. Florence B. Seibert, of the University of Chicago, for her work in "febrile reactions following intravenous injection." The prize is given as a memorial to the discoverer of the germ of spotted typhus fever.

THE gold medal of the Society of Pestology for 1925 has been awarded to Dr. Louis Sambon, for his work on the cockroach as a cancer carrier. Dr. Sambon delivered a lecture on the subject of his researches before the Pasteur Institute in Paris last December.

THE Boston Society of Natural History awards each year the Walker prize, for the best essay submitted on a designated subject in the field of natural history. This year any subject in the field of geology or mineralogy was specified. The prize amounting to \$100 was awarded to Edward F. Holden, of the University of Michigan, for his manuscript entitled "The pigment of amethyst."

It is announced in *Nature* that the gold medal of the Institution of Mining and Metallurgy has been awarded to Dr. Richard Pearce in recognition of his life-long services in the advancement of metallurgical science and practice. Dr. Pearce was for many years engaged in metallurgical work in the United States, and since his return to England has been associated with the tin-smelting industry. The council of the institution has awarded "The Consolidated Gold Field of South Africa premium" of forty guineas to Mr. Thomas Pryor, for his paper on "The underground geology of the Kolar Gold Field," and the "Arthur C. Claudet" and "William Frecheville" students' prizes of ten guineas each to Mr. F. H. Edwards (Birmingham) and Mr. D. W. Bishopp, respectively.

DR. HIDEYO NOGUCHI, of the Rockefeller Institute for Medical Research, has been elected a corresponding member of the Sociedad Medica de Caracas, Venezuela.

DR. RICHARD L. SUTTON, professor of dermatology in the University of Kansas, has been made a fellow of the Royal Society of Edinburgh.

At a meeting of the administrative board of the American Engineering Council at Philadelphia on May 8, Professor Joseph W. Roe, head of the department of industrial engineering at New York University, was named chairman of a committee to investigate the aviation situation in the United States. The council plans to raise \$100,000 for the work of the committee.

NILS A. OLSEN, who has been connected with the U. S. Department of Agriculture since 1919, has been appointed assistant chief of the bureau of agricultural economics. He will have charge of research work in cooperation with state agricultural experiment stations, as provided by the Purnell bill.

DR. PAUL H. DIKE, acting head of the physics department at the University of Vermont, has accepted a position in the research department of the Leeds and Northrup Company of Philadelphia.

JAMES C. CLARK, until recently professor in charge of electrical engineering research at the Iowa State College, has resigned that position to become sales engineer for the Pacific Electric Manufacturing Company, San Francisco, and designer and builder of oil circuit breakers and other high-voltage line equipment.

RECENT appointments to the staff of the New York State Agricultural Experiment Station at Geneva include Dr. R. H. Shriner, a graduate student at the University of Illinois, as associate in research in biochemistry; C. S. Pederson, a graduate student at the University of Wisconsin, as assistant in research in bacteriology to study fermentation problems, and F. G. Gambrel, formerly a research fellow with the Crop Protection Institute, as assistant in research in entomology.

DR. ARTHUR HOLLICK is on leave of absence from the New York Botanical Garden until July 1, during which period he will be in Washington, D. C., continuing his work on the fossil flora of Alaska in connection with the U. S. Geological Survey.

DR. JOHN K. SMALL, of the New York Botanical Garden, is making an extended study of the flora of parts of the Gulf States and Oklahoma and Arkansas. He plans to start at Cape Sable, Florida, and drive in a motor truck, through Florida, across Alabama, Mississippi and Louisiana, to El Paso, and back through Oklahoma and Arkansas. Dr. Edgar T. Wherry, of the Bureau of Chemistry, U. S. Department of Agriculture, will be a member of the party.

DR. WILLIAM RANDOLPH TAYLOR, assistant professor of botany in the University of Pennsylvania, will spend a part of the coming summer at the Dry Tortugas Laboratory continuing his study of the marine algae. The collections made last season revealed an unusually rich and varied flora, and developed a number of interesting ecological features.

DR. F. L. WASHBURN, professor of entomology at the University of Minnesota, is making preparations to head a second collecting expedition to the Tuamotu Archipelago and the Society Islands, in the South Pacific.

DR. B. M. DUGGAR, in charge of the graduate laboratory of the Missouri Botanical Garden, Washington University, St. Louis, lectured before the staff of the Ohio Agricultural Experiment Station, Wooster, on April 30 on "Some aspects of mosaic diseases."

DR. M. F. GUYER, head of the department of zoology in the University of Wisconsin, delivered the annual address before the joint meeting of Phi Beta Kappa and Sigma Xi in the University of Illinois on April 24. He spoke on "Some biological aspects of democracy."

JULIUS STONE, of Columbus, Ohio, delivered an illustrated lecture on "The canyons of the Green and Colorado Rivers" before the West Virginia Sigma Xi Club on May 1.

DR. T. WAYLAND VAUGHAN, director of the Scripps Institution for Oceanographical Research, delivered a series of five lectures on corals, foraminifera and limestones during the second week of April before the department of geology at Stanford University.

DURING March and April, Dr. D. T. MacDougal, director of the Desert Laboratory for Plant Physiology, Tucson, and Dr. B. L. Clarke, also of the Desert Laboratory, gave a series of five lectures before the Arizona section of the American Chemical Society, and the chemistry seminar of the University of Arizona. Dr. MacDougal's lecture dealt with "Physicochemical procedure in growth" and "Sap pressure and movement in plants." Dr. Clarke's lectures dealt with certain phases of his research at the Desert Laboratory and at Columbia University.

SPEAKERS at the Exposition of Inventions, held in New York City from April 27 to May 2, included Dr. Ira N. Hollis, president of the Worcester Polytechnic Institute; Professor Joseph W. Roe, of New York University; Elmer A. Sperry, inventor of the gyroscope, and Dean Dexter S. Kimball, of Cornell University.

DR. WILHELM KOLLE, professor of medicine in the University of Frankfurt-on-the-Main, and director of the state institute of experimental therapeutics, ad-

dressed the scientific staff of the Rockefeller Institute for Medical Research, New York, April 17 on drugs.

THREE lectures on recent advances in the study of living cells were given at King's College, London, by Dr. Robert Chambers, professor of microscopic anatomy in Cornell University Medical School, on April 27, 28 and 29.

THE executive committee of the Dr. Andrew J. McCosh Memorial Association has turned over \$200,000 to the Presbyterian Hospital, New York City. Half of it is to construct the Dr. Andrew J. McCosh operating amphitheater in the new Columbia-Presbyterian Medical Center and half to establish the Andrew J. McCosh Memorial Fund. Income from the memorial fund is to be used for the increase and diffusion of medical and surgical knowledge under the direction of the board of managers of the hospital.

THE deaths are announced of two Austrian men of science: Dr. Carl Ulrich, formerly director of the radium works at Joachimsthal, and Dr. Johann Palisa, director of the Observatory of the University of Vienna.

THE International Health Board has offered £1,000 a year for five years to establish a chair of tropical sanitation and hygiene at the Imperial College of Tropical Agriculture at St. Augustine, Trinidad.

ACCORDING to the *British Medical Journal*, Paris is preparing to celebrate the centenary of Jean-Martin Charcot, who was born in 1825 and died in 1893. In 1862 he became physician to the Salpêtrière Hospital, where he gradually built up the world-famous neurological clinic. The centenary organizing committee, under the patronage of the President of the French Republic and the leading statesmen and scientists of France, includes as honorary presidents Professors Pierre Marie, Albert Pitres and Paul Richer, who were pupils and colleagues of Charcot. The president of the committee is Professor Babinski. Early in June commemoration ceremonies will be held in Paris by the Academy of Medicine, the Faculty of Medicine and the Paris Society of Neurology. This society will hold at the same time its sixth international neurological reunion, celebrating the twenty-fifth anniversary of its foundation and the work of Charcot. Foreign governments, universities and scientific societies will be represented by delegates, and a large number of neurologists from many countries have signified their intention of joining in the celebrations.

THE London correspondent of the *Journal* of the American Medical Association reports that a good response has been made to an appeal for funds to

establish a memorial to the late Sir William Macewen. It will be applied to three main purposes: 1. The provision of a bust to be presented to the Glasgow University and a replica for Lady Macewen. 2. The endowment of a Macewen memorial lectureship, to deal with some surgical subject, and to be given annually or biennially. 3. The foundation of a Macewen medal or prize in surgery, to be awarded annually. To achieve these three objects, the committee finds that \$15,000 will be required. The amount so far obtained is \$7,750. Among foreign subscribers are: Professor Harvey Cushing, of Baltimore; Professor Rovsing, of Copenhagen; Professor Hartmann, of Paris; Dr. W. W. Keen, of Philadelphia; Professor Alessandri, of Rome; Dr. George W. Crile, of Cleveland, and Professor de Quervain, of Berne.

ACCORDING to a press dispatch, J. T. Scopes, science teacher in Rhea High School, Dayton, Tenn., was arrested on May 5 on a charge of violating the new Tennessee law prohibiting the teaching of evolution in the state public schools.

JOHN R. FREEMAN, consulting engineer, Providence, has made a gift of securities valued at \$25,000 to the Boston Society of Civil Engineers for the establishment of a fund, the income of which is to be used for encouraging research by the younger engineers of the society through the establishment of prizes for papers on hydraulics and allied subjects.

THE American Museum of Natural History has been granted the use of about forty acres of mixed forest and open land in the Palisades Interstate Park on which to establish a station for the study of insects. This tract is in the mountains near Tuxedo, New York. The station will furnish an excellent opportunity for technical research but its chief function will be educational. Living insects will be on exhibition during the summer season. These exhibits will be fully labeled and, in addition, docent service will be provided for the more interested visitors. Dr. Frank E. Lutz is in charge.

THE 1925 New York State Legislature has appropriated a sum of \$20,500 for special investigations with canning crops at the State Agricultural Experiment Station at Geneva. The bill provides for the appointment of three new associates in research, one each in plant pathology, entomology and vegetable gardening. The investigations will be carried on on a 60-acre farm in the vicinity of Geneva, and work will begin on the project on July 1. The U. S. Department of Agriculture has established a permanent substation at the station for the study of the Mexican bean beetle which is expected to invade the

state in 1926. Isolated specimens of the pest have already been found in the western part of the state.

THE French Chamber of Deputies has provided for a tax of 5 centimes on each 100 francs paid in salaries by French commerce and industry. The products of the tax, which it is estimated will bring in about fourteen million francs a year, is to be allocated to French scientific laboratories.

THE collection of astronomical and mathematical instruments, dating back to the tenth century, and illustrating the early history of the sciences, which has been presented by Mr. Lewis Evans to Oxford University and housed in the Old Ashmolean building, was opened for public exhibition on May 5 by Lord Crawford. The degree of honorary doctor of science was conferred on Mr. Evans. A volume containing the *Transactions* of the Oxford Philosophical Society from 1683 to 1690, transcribed from the minute-book long preserved in the Ashmolean Museum, was published on the same date. The editor was Mr. R. T. Gunther, of Magdalen College, known for his researches in the early history of science.

THE Vienna Exposition of Hygiene was opened on April 28 by President Hainisch. The exhibition is divided into two parts—"the human body" and "the modern household." Austria and Germany cooperated in the work of establishing it, the well-known Dresden exhibit of hygiene forming its basis. Among interesting features are demonstrations by institutions for preventing tuberculosis and the treatment of chronic drunkards. The city of Vienna occupies a large space for showing modern institutions for social welfare, especially model tenements erected at the cost of the municipality of Vienna to solve the housing problem, as also land settlements outside of Vienna. These model tenements are said to surpass tenements anywhere in Europe or the United States in modern construction, labor-saving devices and space areas.

UNIVERSITY AND EDUCATIONAL NOTES

HARVARD UNIVERSITY has received a gift of \$125,000 from Harold S. Vanderbilt to provide a gymnasium for students in the medical school. Provision is also made for payment of the salary of a competent gymnasium instructor during the next five years.

As a memorial to the late Marion Leroy Burton, president of the University of Michigan, \$100,000 has been collected, the income of which will be paid to Mrs. Burton during her life time and to her children until they reach the age of thirty years. Thereafter the fund will revert to the university.

SAMUEL INSULL, president of the Edison Commonwealth Company of Chicago, has made a gift of \$25,000 to Union College at Schenectady.

A LAW becomes effective on July 1 creating a board of regents, which has the authority and duties formerly conferred on the state board of administration, relating to the University of Kansas, Kansas State Agricultural College and its experiment stations and the Kansas State teachers colleges of Emporia, Hays and Pittsburg. The board will be composed of nine members appointed by the governor for a term of four years.

AT Vanderbilt University, Dr. Walter E. Garrey, professor of physiology at Tulane University, has been appointed professor of physiology; Dr. Barney Brooks, associate professor of clinical surgery at Washington University, St. Louis, professor of surgery; Dr. Horton Casparis, associate in pediatrics, the Johns Hopkins Medical School, associate professor of pediatrics; Dr. Francis A. Swett, instructor in anatomy at the Johns Hopkins Medical School, associate professor of anatomy; Dr. Arthur W. Wright, of the Boston City Hospital, assistant professor of pathology.

DR. EDWARD F. MALONE, professor of histology at the University of Cincinnati, has been appointed professor of anatomy in the medical college to succeed Dr. Henry McE. Knowler, who recently resigned.

PROFESSOR EMIL F. GUBA, of the department of plant pathology of Cornell University, has been appointed assistant research professor in botany at the Massachusetts Agricultural Experiment Station at Amherst.

DR. GEORGE R. HARRISON, who received his college and university degrees from Stanford University, has been appointed assistant professor in the department of physics. He is at present a National Research Council fellow. He was graduated in 1919, became master of arts the next year and doctor of philosophy in 1922.

DISCUSSION AND CORRESPONDENCE

THE ETHER DRIFT

THE recent important announcement by Professor Miller of the detection of an ether drift on the summit of Mt. Wilson makes it advisable for us to look carefully over the whole subject in its proper perspective.

The theory of relativity was not founded wholly upon the negative result of the Michelson-Morley experiment. There were other similar experiments with negative results and of equal importance, though not so generally known. Such were the experiments of Trouton and Noble, who looked for the production of a torque upon a suspended charged condenser; the experiments of Rayleigh and of Brace, who failed to find any trace of double refraction in transparent moving bodies, and certain experiments designed to