

### APPOINTMENTS AT THE ROCKEFELLER INSTITUTE FOR MEDICAL RESEARCH

THE board of scientific directors of The Rockefeller Institute for Medical Research announces the following appointments and promotions:

#### NEW APPOINTMENTS:

<i>Member</i> .....	Dr. Carl Ten Broeck
<i>Associate</i> .....	Dr. Arthemy A. Horvath
<i>Assistants</i> .....	Dr. Mortimer L. Anson
	Miss Alice H. Armstrong
	Dr. Alan M. Butler
	Mr. Albert E. Casey
	Mr. Edwin B. Damon
	Dr. Claude E. Forkner
	Mr. Henry P. Gilding
	Dr. Alvin R. Harnes
	Mr. Oscar M. Helmer
	Dr. Alexander Hoffman
	Dr. Perrin H. Long
	Dr. Alfred E. Mirsky
	Dr. Gordon H. Scott
	Mr. Robert E. Steiger
	Mr. Ernest Sturm
<i>Fellow</i> .....	Mr. Rene J. Dubos

#### PROMOTIONS:

<i>Associate Member to</i>	
<i>Member</i> .....	Dr. Thomas M. Rivers
<i>Associate to Associate</i>	
<i>Member</i> .....	Dr. Carl A. L. Binger
	Dr. Leslie T. Webster
<i>Assistant to Associate</i> .....	Dr. Lillian E. Baker
	Dr. Lawrence W. Bass
	Dr. Walther F. Goebel
	Dr. Lawrence S. Kubie
	Dr. Fred W. Stewart
	Mr. James van der Scheer
<i>Fellow to Assistant</i> .....	Mr. Irving A. Cowperthwaite

Dr. Ten Broeck is at present professor of bacteriology and Dr. Horvath assistant in medicine at the Peking Union Medical College, Peking, China.

Dr. Pierre L. du Noüy will spend the next year at the Pasteur Institute, Paris.

### SCIENTIFIC NOTES AND NEWS

At the commencement of Yale University, the doctorate of science was conferred on Dr. John Jacob Abel, professor of pharmacology, of the Johns Hopkins University; on James Colquhoun Irvine, principal and vice-chairman of the University of St. Andrews, and on Dr. Alfred North Whitehead, professor of philosophy in Harvard University; the doctorate of laws on Dr. Charles Value Chapin, health officer of Providence, Rhode Island, and the master's degree on George Hoyt Whipple, pathologist, dean and pro-

fessor of pathology of the School of Medicine and Dentistry, University of Rochester; on William Buckhout Greeley, chief forester of the United States; on Commander Richard E. Byrd, first aviator to fly over the North Pole, and on Charles L. Lawrence, designer of aeronautical engines.

THE University of Wisconsin has conferred the honorary degree of doctor of science on Dr. George David Birkhoff, professor of mathematics in Harvard University, on Dr. Frank Baldwin Jewett, president of the Bell Telephone Laboratories, Inc., and on Dean De Witt Lewis, surgeon-in-chief to the Johns Hopkins Hospital.

THE doctorate of laws of the University of Rochester was conferred on Dr. Michael Idvorsky Pupin, who gave the commencement address, and the doctorate of science on Dr. Harrison E. Howe, editor of *Industrial and Engineering Chemistry*, and on Elon H. Eaton, professor of biology at Hobart and William Smith Colleges.

HARVARD UNIVERSITY has conferred the degree of doctor of science on Dr. George Edmund de Schweinitz, the oculist, of Philadelphia.

DR. ALICE HAMILTON, assistant professor of industrial medicine at Harvard University, received the degree of doctor of science at the commencement exercises of Smith College.

DARTMOUTH COLLEGE has conferred the degree of doctor of laws on Dr. Max Mason, president of the University of Chicago, and the degree of doctor of science on Professor Dayton C. Miller, of the Case School of Applied Science, and on Professor Frank P. Brackett, director of the observatory of Pomona College.

THE University of Georgia has conferred upon Professor Andrew H. Patterson, head of the department of physics at the University of North Carolina, the degree of doctor of science.

At its graduation exercises, the Massachusetts Agricultural College conferred the honorary degree of doctor of laws on Dr. Edward M. Lewis, president of the University of New Hampshire.

DR. WILLIAM E. WICKENDEN received the degree of doctor of engineering at the commencement exercises of the Worcester Institute of Technology.

GUSTAVE WHYTE THOMPSON, chief chemist of the National Lead Company, delivered the graduation address at the Armour Institute commencement exercises in Chicago and received the honorary degree of doctor of science.

At the ninety-third annual commencement exercises of Franklin College, Franklin, Ind., Dr. Harry Edgar

Mock, assistant professor of surgery in the Northwestern University Medical School, was awarded the honorary degree of doctor of science.

THE Oklahoma State College, Stillwater, Okla., at its thirty-second annual commencement, May 31, conferred the honorary degree of doctor of science upon Professor W. A. Tarr, professor of geology at the University of Missouri, and the honorary degree of doctor of agriculture upon Professor W. L. Burlison, professor of agronomy at the University of Illinois. These degrees were the first conferred by the college.

AT a meeting of the Royal Institution on May 9, Sir J. J. Thomson was elected honorary professor of natural philosophy, and Sir Ernest Rutherford professor of natural philosophy. The chairman announced that the president, the Duke of Northumberland, had nominated, among others, Sir Dugald Clerk and Sir Charles Parsons as vice-presidents for the ensuing year.

THE first award of the Charles B. Dudley medal, established by the American Society for Testing Materials, has been made to Dr. D. J. McAdam, Jr., metallurgist at the United States Naval Engineering Experimental Station at Annapolis, Md., for a paper on "Stress Strain—Cycle Relationship and Corrosion—Fatigue of Metals."

A PORTRAIT of Dr. William S. Baer, chief medical officer at the Children's Hospital School, Baltimore, and associate professor of clinical orthopedic surgery at the Johns Hopkins Medical School, has been presented to the hospital school.

PROFESSOR ALAN W. C. MENZIES, of Princeton University, will represent the American section of the Society of Chemical Industry at its annual meeting in Edinburgh in July, and will tender the invitation of the section to the society to hold its next annual meeting in New York.

DR. ERNEST W. BROWN, professor of mathematics at Yale University, has been appointed to represent the University of Cambridge at the centenary of the University of Toronto on October 6.

DR. H. L. WALSTER, dean of the School of Agriculture of the North Dakota Agricultural College, was elected president of the North Dakota Academy of Science for the coming year at the recent conference held at Grand Forks. Dr. Walster succeeds Professor Karl H. Fussler, head of the department of physics of the University of North Dakota. The Academy will hold its next convention at Fargo.

PROFESSOR K. D. GLINKA, director of the Soviet Experimental Station at Leningrad, has been elected president of the International Congress of Soil

Science, composed of delegates from thirty countries. Leningrad will probably be chosen as the place for the next meeting.

SIR DANIEL HALL retired on June 4 from the post of director-general of the intelligence department of the British Ministry of Agriculture, which he has held since 1920. He will continue to act as chief scientific adviser and chairman of the Research Council of the Ministry.

SIR RICHARD GLAZEBROOK has been appointed, by Order of Council dated May 26, to be a member of the Advisory Council to the Committee of the British Privy Council for Scientific and Industrial Research.

MISS ELIZABETH F. HOPKINS, assistant botanist in the Seed Testing Laboratory of the New York State Agricultural Experiment Station at Geneva, has resigned in order to accept an offer from the Massachusetts Agricultural College to organize a seed testing laboratory at that institution.

DR. THOMAS A. JAGGAR, of the Hawaiian Volcanic Observatory, has arrived in Alaska, where a scientific study of volcanic eruptions and earthquakes is being carried out by the U. S. Weather Bureau. He will superintend the installation of seismographs at Dutch Harbor and at Kodiak.

DR. HERBERT GROVE DORSEY, senior electrical engineer of the U. S. Coast and Geodetic Survey, has been transferred to the Pacific Coast for a few months to supervise the installation and adjustment of the fathometer on the survey ships *Pioneer*, *Guide* and *Surveyor*, working off the coasts of Oregon, Washington and Alaska.

O. M. MILLER, director of the school of survey of the National Geographic Society, headed a party which sailed for South America on June 23 to explore the source of the Marañon River, one of the chief tributaries of the Amazon.

NEIL M. JUDD, curator of American archeology in the United States National Museum, has left Washington to complete his explorations at Pueblo Bonito, New Mexico, under the auspices of the National Geographic Society. This season's expedition is the seventh sent by the society for the purpose of recovering and recording the story of this prehistoric Indian village.

DR. WILLIAM B. WHERRY, professor of bacteriology at the University of Cincinnati and member of the Board of Health, will lead an expedition into Mexico this summer to test the efficacy of the new treatment for typhoid fever.

DR. WILMOT C. FOSTER, assistant professor of anatomy of the University of Oregon Medical School, has

been granted a year's leave of absence to work in surgical anatomy at the Mayo Clinic, Rochester, Minn.

MRS. AGNES CHASE, associate botanist in the grass herbarium of the Bureau of Plant Industry, has returned from Europe where she spent several weeks studying type specimens of American grasses. She visited the herbaria at Vienna, Freiburg, Munich, Paris and Geneva. Of special importance was the De Candolle Herbarium acquired by the Delessert Herbarium, Geneva, and recently made accessible to visiting botanists by the director, Dr. John Briquet. The material of the De Candolle Herbarium, which is the basis of the *Prodromus* and the series of monographs, is segregated in the De Candolle Room; the remainder is incorporated in the general collection of the Delessert Herbarium.

*Nature* states that Mr. H. C. Sampson, who was recently appointed economic botanist at the Royal Botanic Gardens, Kew, left on June 11 for British Guiana at the invitation of the governor and under the auspices of the Colonial Office and Empire Marketing Board, to study and report on various agricultural matters in the colony. He will also visit Trinidad and the Imperial College of Tropical Agriculture, and Barbados.

FRANCIS G. BENEDICT, director of the nutrition laboratory of the Carnegie Institution of Washington, in Boston, recently gave at the University of New Hampshire a lecture on "Physiological Research Institutions of Europe."

DR. SERGIUS MORGULIS, professor of biochemistry in the University of Nebraska College of Medicine, delivered an address on "Enzymes in the Service of the Cereal Chemist" at the annual convention of the Association of American Cereal Chemists on June 3.

THE medical library composed of 4,424 volumes, of the late Dr. George S. Huntington, professor of anatomy in the college of physicians and surgeons of Columbia University, said to be one of the rarest of its kind, will be purchased by the alumni, who have undertaken to raise a \$35,000 fund for the purpose in memory of Dr. Huntington. The collection will be known as the George S. Huntington Collection and will be kept intact at the medical center.

DR. CHARLES FREDERIC MABERY, for thirty-five years head of the laboratory of the Standard Oil Company and since 1883 professor of chemistry at the Case School of Applied Science, Cleveland, died in Portland, Me., on June 26, at the age of seventy-seven years.

CHARLES FREDERIC RAND, former chairman of the

executive board of the Engineering Foundation, died on June 21, at the age of seventy years.

JOHN M. GOODELL, former editor of the *Engineering Record* and an associate editor of *Engineering News*, died on June 22, aged sixty years.

THE fifteenth International Geological Congress will meet in South Africa in 1929.

THE Swiss Society of Natural Sciences will hold its 108th annual meeting from September 1 to 4 at Basel. The president, Dr. Fritz Sarasin, will give the opening address on September 1, which will be followed by a lecture by Professor A. Brachet (Brussels) on the causes and factors of morphogenesis; other lectures will be given by Professor L. Courvoisier (Berlin) on recent work and views in astronomy, by Professor L. Duparc (Geneva) on the Urals from the point of view of geophysics, geology and mining, and by Professor H. E. Sigerist (Leipzig) on Paracelsus in relation to modern thought. The general work of the meeting will be divided among fourteen sections.

THE Cyrus F. Brackett series of lectures at Princeton University next year will include a lecture by L. H. Kinnard, president of the Bell Telephone Company of Pennsylvania, on October 15 on "Development of Long Distance Telephony"; by the president of the National Broadcasting Company of New York, M. H. Aylesworth, on "Radio—The University of the Air"; by Dr. Frank B. Jewett, president of the Bell laboratories in New York, on "Cooperative Research," and by James T. Wallis, assistant vice-president of the Pennsylvania Railroad, who is to speak about "The Development in Motive Power on the Pennsylvania System."

DR. E. H. ANDERSON, director of the New York Public Library, writes: "Add one more to your record of copies of Durant's 'The Algae and Coral Lines of the Bay and Harbor of New York.' The New York Public Library has Durant's own copy of this book."

THE firm of Johnson & Johnson, manufacturers of surgical supplies, New Brunswick, N. J., has established at the Mellon Institute of the University of Pittsburgh a fellowship that will study the exact requirements of surgeons and other medical specialists in the way of sundries, with the joint aim of developing new supplies that are needed and of standardizing the products now in use. An investigation will also be made of the processes of renovating used supplies, and several other Industrial Fellowships of the Institute will cooperate in devising satisfactory procedures. Dr. Frederic H. Slayton, M.D. (Rush) will be in direct charge of this research. All its investi-

gations will be conducted primarily for the benefit of the public. It is the plan to report the results in appropriate periodicals as the various phases of the studies are concluded.

THE Royal Aeronautical Society has recently received the following letter from Mr. Harry F. Guggenheim, president of the Daniel Guggenheim Fund for the Promotion of Aeronautics, Inc.: "It affords me great pleasure to advise you that the Daniel Guggenheim Fund for the Promotion of Aeronautics, Inc., has approved a grant of \$5,000 to the Royal Aeronautical Society to enable it more easily to continue its splendid contributions to the aeronautical science of the world. It is the hope of the fund that this grant may stimulate the growth and strength of the Society to such a point that within a short while financial assistance from without will be unnecessary."

TEMPORARY reservation of a tract of public land in Nevada containing Lovelock Cave has been authorized by an executive order issued by the U. S. Department of the Interior. The area on which the cave is located contains approximately 40 acres and is in Churchill County. Its withdrawal is for the purpose of affording opportunity of scientific study of interesting prehistoric material found in the cave. According to the secretary of the Smithsonian Institution articles taken from Lovelock Cave are in a remarkable state of preservation and are particularly valuable on this account. With its temporary retention in public ownership as a result of the executive order, the site will be the subject of further archeological research.

THE National Forest Reservation Commission met recently, under the chairmanship of Secretary Davis, of the war department, and approved the purchase of 96,000 acres additional to the White Mountains National Forest in New England, the Allegheny in Northwestern Pennsylvania and the Pisgah in North Carolina. The commission also gave a hearing to a delegation from New England which urged the purchase of 23,000 acres within the boundaries of the White Mountain National Forest in New Hampshire, containing one of the few virgin timber stands in Northeastern United States. No decision was reached.

AN Imperial Agricultural Research Conference, at which delegates from all parts of the Empire will be present, will be held in London beginning on October 4. The Ministry of Agriculture and Fisheries decided some time ago to call such a conference in 1927, and the proposal was endorsed by the last Imperial Conference, which appointed a special sub-committee to inquire into research. The ministry is responsible for arranging the conference, and the Empire Marketing Board is providing the necessary funds. An organiz-

ing committee has been appointed under Lord Bledisloe's chairmanship and has already held its first meeting.

MILK ISLAND, lying off the coast of Gloucester, Mass., has been accepted by the state as a wild life sanctuary, according to an announcement of the state division of fisheries and game of the Department of Conservation. The island is the gift of Mrs. Roger Babson to the Federation of the Bird Clubs of New England, upon condition that it shall be known as the Knight Wild Life Reservation, in memory of Mrs. Babson's mother and father. The federation, in turn, has deeded the property to the state in trust for this purpose, and the governor and council have accepted it by formal vote. It will be administered by the Fisheries and Game Division, of which William C. Adams is director.

### UNIVERSITY AND EDUCATIONAL NOTES

AT the commencement exercises of Harvard University it was announced that during the year 1926-27 the university had received gifts of \$6,003,372, in addition to subscriptions to the ten-million-dollar campaign and to the alumni endowment fund and the income received under the will of Gordon McKay. Most of these gifts have during the year been chronicled in SCIENCE. Those of special interest to scientific men include: anonymous, for research and instruction in abnormal and dynamic psychology, \$25,113; from the estate of Richard Dana Bell, for biological chemistry in the medical school, \$100,000; from the General Education Board for the department of ophthalmology, \$188,400; from the International Education Board endowment, for a southern astronomical observatory, \$180,000; from the estate of Arthur S. Luke, for medical and surgical science, \$237,081; from the Rockefeller Foundation, for the school of public health, \$137,250; from the Laura Spelman Rockefeller Memorial, for industrial psychology and for a survey of crime, \$37,000; for the Charles Sprague Sargent Memorial Fund, \$142,720; from Dr. Frederick C. Shattuck, to establish the Richard P. Strong Fund in Tropical Medicine, \$100,000; from Harold S. Vanderbilt, for a medical school dormitory and salary for an instructor of physical training in the medical school, \$470,100.

GIFTS to Wellesley College amounting to \$814,000 were announced at the recent commencement exercises, bringing the Centennial Fund to \$7,220,000. The gifts include \$100,000 by George W. Farwell, of Boston, to establish the Ruby Frances Howe Farwell chair of botany, and \$40,000 from the class of 1882, for the Susan Hallowell chair of botany. A gift of