

Hopkins University, 1939. To work at California Institute of Technology. Subject: Radiochemical study of the products of the neutron-induced fission of uranium and thorium nuclei.

Arthur John Dziemian, Ph.D. in physiology, Princeton University, 1939. To work at University of Pennsylvania. Subject: The effects of changing the chemical constitution of the erythrocyte on its permeability.

Ralph Stanley Halford, Ph.D. in chemistry, University of California, 1938. To work at Harvard University. Subject: Thermodynamic properties of solutions and their relations to the kinetics of chemical reactions therein.

Felix Webster McBryde, Ph.D. in geography, University of California, 1940. To work at the University of California Experiment Station. Subject: Detailed survey of native crops and agricultural practices in the north Middle American region.

Walter John Moore, Jr., Ph.D. in chemistry, Princeton University, 1940. To work at California Institute of Technology. Subject: The crystal structure of tripeptides.

Harry Townsend Muhly, Ph.D. in mathematics, the Johns Hopkins University, 1940. To work at Princeton University. Subject: The theory of the singularities of algebraic varieties.

Jack Edgar Myers, Ph.D. in botany, University of Minnesota, 1939. To work at the Smithsonian Institution, Washington, D. C. Subject: A comparison of the photosynthetic behavior of several types of plants.

Myron Hiram Nichols, Ph.D. in physics, Massachusetts Institute of Technology, 1939. To work at Princeton University. Subject: Thermionic properties of the various crystal faces of tungsten.

Darrell Wayne Osborne, Ph.D. in physical chemistry, California Institute of Technology, 1938. To work at the University of California. Subject: Rotation of methyl groups in metal alkyls by measurement of entropies.

Daniel Chapin Pease, Ph.D. in experimental embryology, Princeton University, 1940. To work at Stanford University. Subject: Determination of the bilateral axis of echinoderm eggs (*Dendraster*).

John Robert Raper, Ph.D. in general biology, Harvard University, 1939. To work at the California Institute of Technology. Subject: The sexual mechanism in the Saprolegniales.

Carl Keenan Seyfert, Ph.D. in astronomy, Harvard University, 1936. To work at Mount Wilson Observatory. Subject: The detection and study of emission nebulae in spirals.

Claude Elwood Shannon, Ph.D. in mathematics, Massachusetts Institute of Technology, 1940. To work at the Institute for Advanced Study. Subject: A non-associative algebra applicable to dynamics of Mendelian populations.

Henry Keith Townes, Jr., Ph.D. in systematic entomology, Cornell University, 1937. To work at the Academy of Natural Sciences of Philadelphia. Subject: A catalogue of the ichneumon flies of America north of Mexico with new synonymy from a study of the types.

George E. Valley, Jr., Ph.D. in physics, University of Rochester, 1939. To work at Harvard University. Subject: Gamma radiation spectra.

Stanley Wawzonek, Ph.D. in organic chemistry, University of Minnesota, 1939. To work at the University of Illinois. Subject: The synthesis of Cyclooctatetraene.

## THE WASHINGTON HEIGHTS HEALTH AND TEACHING CENTER

DEDICATION ceremonies of the Washington Heights Health and Teaching Center, New York City, a seven-story building at the southwest corner of 168th Street and Broadway, were held on June 10. Mayor Fiorello H. La Guardia made the principal address, and Health Commissioner John L. Rice presided. This is the eleventh new health center building completed under the present administration and the fifth and final unit in New York City's health and teaching program being carried forward in cooperation with the five medical schools of the city and the Department of Health.

The new building was constructed with city funds under supervision of the Department of Public Works at an approximate cost of \$400,000. The brick and stone construction is of an architectural design which harmonizes with the adjoining Columbia-Presbyterian Medical Center buildings. James Gamble Rogers was the architect. Presbyterian Hospital made available the land for the new building, which on its fifth, sixth and seventh floors houses the DeLamar Institute of Public Health of the College of Physicians and Surgeons of the university.

In addition to the mayor and health commissioner, speakers at the ceremony were William Hale Harkness, vice-president of Presbyterian Hospital, who represented Dr. Nicholas Murray Butler, president of Columbia University, who was unable to be present, and Dr. Nathan B. Van Etten, president-elect of the American Medical Association, which opened its annual meeting in New York on June 10. Participants also included Dr. Willard C. Rappleye, dean of the College of Physicians and Surgeons, the cooperating medical school; Dr. Haven Emerson, professor of public health at Columbia; Frederick Guggenheimer, executive director of the City Affairs Committee of New York, who is chairman of the Washington Heights-Riverside District Health Committee, and Dean Sage, president of the Board of Managers of Presbyterian Hospital.

Following the dedication program, a reception and tour of the new building was held. Approximately 200 representatives of the university and the medical school, community health, welfare and civic leaders, public officials and officers and delegates to the American Medical Association convention attended.

In addition to the Washington Heights Health and Teaching Center, where the training program is in cooperation with the College of Physicians and Surgeons of Columbia University, similar cooperative arrangements obtain in the following new health and

teaching centers: Lower East Side with New York University College of Medicine; Kips Bay-Yorkville with New York Hospital-Cornell University Medical College; East Harlem with New York Medical College and Flower Hospital, and Red Hook-Gowanus with Long Island College of Medicine.

Three additional new health centers are planned for completion this summer and fall, namely, the Corona Health Center in Queens, the Tremont Health Center and Borough Office Building in the Bronx and the Fort Greene Health Center and Borough Office Building in Brooklyn. Plans are also under way and funds have been provided in the budget of the Department of Health for a new health center and borough office building in Jamaica, Queens. When these units are completed, New York City will have fifteen new health center buildings in the five boroughs, or half the goal set for establishing a health center in each of the city's thirty health center districts.

#### NOMINATIONS FOR OFFICERS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

NOMINATIONS for officers for 1941 of the American Society of Mechanical Engineers have been announced. O. A. Leutwiler, head of the department of mechanical engineering at the University of Illinois, is chairman of the National Nominating Committee, which held sessions during the semi-annual meeting of the society in New York City from June 17 to 20. Election will be held by letter ballot of the entire membership of 15,000, closing on September 24.

The nominees as presented by the committee are:

*President*, William A. Hanley, in charge of engineering, Eli Lilly and Company, Indianapolis.

*Vice-presidents*, Dean Samuel B. Earle, School of Engineering, Clemson Agricultural College, South Carolina; Frank H. Prouty, partner, Prouty Bros. Engineering Company, Denver; Edwin B. Ricketts, mechanical engineer, Consolidated Edison Company of New York, Inc.

*Managers*, Professor Huber O. Croft, head of the department of mechanical engineering, the State University of Iowa; Professor Paul B. Eaton, in charge of the department of mechanical engineering, Lafayette College; George E. Hulse, chief engineer, Safety Car Heating and Lighting Company, New Haven.

#### PROMOTIONS AND APPOINTMENTS AT THE ROCKEFELLER INSTITUTE FOR MEDICAL RESEARCH

THE Board of Scientific Directors of the Rocke-

feller Institute for Medical Research announces the following appointments and promotions on the scientific staff to take effect on or after July 1.

*Promotions*: Associate Member to Member. Dr. Duncan A. MacInnes, Dr. Richard E. Shope, Dr. Wendell M. Stanley.

Associate to Associate Member. Dr. Moses Kunitz, Dr. Alfred E. Mirsky.

Assistant to Associate. Dr. Douglas A. MacFadyen, Dr. William Trager.

Fellow to Assistant. Dr. Armin C. Braun, Dr. Malcolm S. Ferguson, Dr. Birdsey Renshaw, Dr. William C. Spring, Jr.

*New Appointments*: Assistants. Dr. Gail L. Miller, Dr. Howard A. Schneider, Dr. Armine T. Wilson.

Fellows. Dr. James A. Baker, Claude A. Knight, Jr., Dr. Kermit W. Kreitlow, Dr. Margaret R. McDonald, Dr. R. Walter Schlesinger.

The board also announces that Dr. Leonor Michaelis, who has reached the age of retirement, has been made member emeritus of the institute.

#### HONORARY DEGREES CONFERRED BY HARVARD UNIVERSITY

AT the two hundred and eighty-ninth commencement on June 20 of Harvard University ten honorary degrees were conferred. Dr. James Bryant Conant, president of the university, read the citations. Those conferred in the sciences were as follows:

##### DOCTOR OF LAWS

Julian L. Coolidge, professor of mathematics, LL.D.—The first master of Lowell House, one of the founding fathers of a new era in collegiate education, magnanimous in his friendships, resolute in his labors.

##### DOCTOR OF SCIENCE

Alfred N. Richards, professor of pharmacology, University of Pennsylvania, D.S.—An ingenious experimenter with living animals, a learned student of the action of drugs in alleviating human suffering.

Thomas Barbour, director of the Harvard University Museum, D.S.—A born naturalist, who has extended our vision of the age-old world of animal life; a generous leader; an able director of a great museum.

Elliott P. Joslin, clinical professor of medicine, emeritus, D.S.—A pioneer in applying scientific knowledge to the treatment of diabetes; to his hospital have come a multitude of physicians eager to improve their skill.

## SCIENTIFIC NOTES AND NEWS

MEMBERS of the new National Defense Research Committee instituted by President Roosevelt have been appointed as follows: Dr. Vannevar Bush, president of the Carnegie Institution of Washington,

chairman; Dr. Frank B. Jewett, president of the National Academy of Sciences and president of the Bell Telephone Laboratories; Dr. Lyman J. Briggs, director of the National Bureau of Standards; Presi-