

tograph projector. It was shown by Camera-Projectors, Ltd. At the stand of Messrs. Chance Brothers and Co., samples and mouldings of a selection of optical glasses representing more than one hundred varieties made by the firm were shown. Messrs. Cooke, Troughton and Simms, Ltd., of York, appeared in a new rôle, as manufacturers of a complete range of microscopes for biological, medical and metallurgical studies. A gas-filled hot-cathode rectifying valve was shown by Messrs. Partridge, Wilson and Co., of Leicester, for the conversion of alternating into direct current. Messrs. Ross, Ltd., exhibited, besides a wide range of their famous camera lenses, including lenses for cinematograph work, a complete portable cinematograph projector and an epidiascope.

A novel and interesting piece of apparatus—called the “hydro-pulsator”—was shown by Mr. Lee Guinness. It provides a high-pressure jet of water pulsating at high frequency. It is claimed that the apparatus provides a mode of vibratory massage suitable for application to the gums and other parts of the body too sensitive to be touched by the hand, and that by it the teeth may be more efficiently cleaned than by a tooth brush. Messrs. Ensign, Ltd., exhibited the “Ensign Midget,” said to be “the most compact camera yet constructed.” Besides a complete range of their well-known microscopes, Messrs. R. and J. Beck, Ltd., exhibited a series of workshop projectors by which operatives may see on a ground-glass screen the magnified images of engineering and other products, the profiles of screws and similar components.

The chemical industry was, of course, well represented and the exhibits formed a most noteworthy feature of the Olympia Exhibition.

THE FLOATING CONGRESS OF THE PAN AMERICAN MEDICAL ASSOCIATION

THE Floating Congress of the Pan American Medical Association, according to an announcement in *The New York Times*, closed on March 30, when the 561 passengers, comprising 250 surgeons and physicians and their families, returned from a sixteen-day cruise on the Panama-Pacific liner *Pennsylvania*. The *Pennsylvania* touched at Havana, Colon, Puerto Cabello, La Guayra and San Juan, where the chief executives of five countries welcomed the delegates.

During the cruise sixty-four scientific sessions were conducted, including a general meeting at La Guayra in which 150 Venezuelan physicians participated. One hundred and seventy-five scientific papers covering every phase of medicine and surgery were presented by physicians of North and South America.

During the cruise Dr. Chevalier Jackson, professor of bronchoscopy and esophagoscopy at Temple University, Philadelphia, was installed as president to succeed Dr. John O. McReynolds, of Dallas. Dr. McReynolds was one of the delegates honored in Havana when President Mendieta bestowed on him the Order of Carlos Finlay.

In a joint statement issued on the ship by the new

president and Dr. Joseph Jordan Eller, of New York, director general of the association, the congress was called “a dramatic and remarkably successful step in the establishment of permanent good-will between the Americas.”

The next convention of the association will be held in Rio de Janeiro, where the Brazilian Government will act as official host.

Dr. Bernard Sachs, president of the New York Academy of Medicine, is reported to have said that he believed that the congress would strengthen the bonds of amity between people of the Western Hemisphere. “Above and beyond this,” he said, “this congress has brought together men and women from all parts of the union in the various specialities and has afforded numerous occasions for exchange of ideas between groups of medical and surgical specialists such as no other congress has ever afforded. Personally, I feel that the scientific sessions have been of a high order of excellence and more stimulating than any congress I have ever attended.”

MEETING OF THE NEW YORK BRANCH OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION

THE New York Branch of the American Psychological Association will be the guests of the department of psychology of the Washington Square College of New York University on Saturday, April 7. Reports on forty research projects by members of the association and several formal addresses will comprise the program.

Three sections of the branch will hold meetings simultaneously at the morning session. Professor Carl J. Warden, of Columbia University, will preside over the Section of Comparative Psychology; Dr. Walter R. Miles, of Yale University, over the Section of Differential Psychology, and Professor Samuel W. Fernberger, over the Section of Experimental Psychology.

Three papers will be presented at a general session at 1:30 P. M. Professor Margaret Floy Washburn, of Vassar College, will speak on “The Work of Professor H. C. Warren.” Professor Warren was head of the department of psychology at Princeton University until his death last summer. Dr. Max Wertheimer, formerly of the University of Berlin and the University of Frankfurt, will speak on “The Psychology of Thinking,” and Dr. Paul Lazarsfeld, of the University of Vienna, will speak on “The Concept of Motivation in Applied Psychology.” Professor Albert T. Poffenberger, of Columbia University, will preside at the general session.

A second session of reports on research will follow the general session. Professor Herbert S. Langfeld, of Princeton University, will preside over the Section

on Physiological Psychology, and Dr. Lois Hayden Meek, of Teachers College, Columbia University, will be chairman of a meeting on Social and Child Psychology.

There will be a tea and inspection of the laboratories of psychology at Washington Square College at 4:30 P. M.

Dr. Rufus D. Smith, recently appointed provost of New York University, will preside at a dinner at the Brevoort Hotel at 6:30 P. M. At the dinner Dr. Joseph Jastrow will speak on "The Contributions of J. McKeen Cattell to Psychology." Dr. Cattell is honorary president of the New York Branch. Dr. J. Clark Hull, of Yale University, will speak on "An Adventure in the Experimental Testing of Psychological Theory."

Following the dinner program there will be a business meeting, with Dr. Paul Achilles, secretary of the New York Branch, presiding.

DELEGATES OF THE NATIONAL RESEARCH COUNCIL TO THE CHEMICAL UNION AND CONGRESS AT MADRID

THE following representatives of the National Research Council were appointed to attend the Eleventh Conference of the International Union of Chemistry and the Ninth International Congress of Pure and Applied Chemistry, to be held at Madrid from April 5 to 11:

Arnold K. Balls, senior chemist, U. S. Bureau of Chemistry and Soils.

Edward Bartow, head of the department of chemistry and chemical engineering, the State University of Iowa.

John Van N. Dorr, president, the Dorr Company, New York City.

Raleigh Gilchrist, associate and research chemist, U. S. Bureau of Standards.

Harry N. Holmes, head of the department of chemistry, Oberlin College.

Lauder W. Jones, professor of chemistry, Princeton University, associate director of natural sciences, Rockefeller Foundation, Paris.

Gilbert N. Lewis, dean, College of Chemistry, University of California.

Atherton Seidell, chemist, National Institute of Health.

Alexander Silverman, professor of chemistry, University of Pittsburgh.

Robert E. Swain, professor of chemistry, Stanford University.

John W. Turrentine, research chemist, U. S. Bureau of Chemistry and Soils.

Mr. Burrows Morey, chemical director, Larkin Company, Buffalo, New York, was also appointed a delegate, but will be unable to attend the meetings.

RECENT DEATHS

DR. BERN BUDD GALLAUDET, associate professor of anatomy at the College of Physicians and Surgeons at Columbia University, died on March 29. He was seventy-four years old.

FLORIN J. AMRHEIN, assistant professor of chemistry at the Massachusetts College of Pharmacy, died on March 30, at the age of forty-two years.

DR. ELON H. EATON, professor of biology at Hobart College, died on March 27, in his sixty-eighth year.

DR. WILLIAM A. FRONTZ, associate professor of clinical urology at the Johns Hopkins University, died on March 23 at the age of forty-nine years.

DR. FRANCIS ARTHUR BATHER, formerly keeper of the Department of Geology at the British Museum of Natural History, died on March 20, at the age of seventy-one years.

THE death at the age of eighty-nine years is announced of Sir Thomas Muir, the mathematician, superintendent-general of education at the Cape of Good Hope.

DR. WALTER ROSENHAIN, consulting metallurgist, died on March 17, at the age of fifty-eight years. Dr. Rosenhain resigned his position as superintendent of the department of metallurgy and metallurgical chemistry at the British National Physical Laboratory at the end of May, 1931, in order to take up private practise in London.

THE sudden death is announced of M. Camille Matignon, professor of physics and chemistry at the Collège de France, editor of *Chimie et Industrie*, and member of the Académie des Sciences.

SCIENTIFIC NOTES AND NEWS

THE annual spring meeting of the National Academy of Sciences will be held in Washington on Monday, Tuesday and Wednesday, April 23, 24 and 25.

THE Theodore William Richards Medal, which the Northeastern Section of the American Chemical Society assigns biennially for "outstanding eminence in the field of pure chemistry," has been awarded to

Professor Gregory P. Baxter, since 1925 Theodore William Richards professor of chemistry at Harvard University.

ON the occasion of the presentation on May 11 of the Gold Medal of the Royal Astronomical Society to Dr. Harlow Shapley, director of the Harvard College Observatory, he will deliver the George Darwin lec-