

or 59.6 per cent. In the preceding year state taxes had provided \$6,772,128 or 65.8 per cent.

The Federal Government supplied \$2,356,149, while \$1,258,710, or 11.4 per cent., came from student fees. Gifts from private sources amounted to \$277,042, and sales of products and miscellaneous receipts to \$569,696. Under war-time contracts with the Federal Government for special training and research work the university expended \$1,294,701 in the fiscal year ending on June 30. Contracts provide reimbursement by the Government of that amount.

The largest single war project of last year was the engineering, science and management war-training program, administered by the university in fifty-four war plant communities of Illinois, and for the training of 17,000 plant executives and specialists. On this project \$367,567 was disbursed.

Other major war projects include research, Naval training schools for signalmen, diesel engine operators and diesel officers, and an Army specialized training and reassignment unit. The Army specialized training program and Navy V-12 college training program began in the month following the closing date of the comptroller's report on June 30.

THE WORLD MAP OF THE NATIONAL GEOGRAPHIC MAGAZINE

THE need for a world map in one piece has been filled by the last of five wall maps that have been published this year by the National Geographic Society. "The World Map" is issued with the *National Geographic Magazine* for December.

The 10-color chart is a continuous, panoramic picture of the world with the United States in the center. Distances to fighting fronts and America's relative position to the rest of the world are easily seen. The "ends of the earth" consist of an arbitrary line drawn across Asia from the tip of India to the Arctic mouth of the Yenisei River, Siberia.

The map is drawn to Van der Grinten's projection, which reduces the polar distortions of Mercator's projection. In order to show the polar regions in true perspective, the chart includes two upper corner insets centered at the Poles.

The map of the Northern and Southern Hemispheres issued last April and the map of the Eastern and Western Hemispheres issued in December, 1941, complement each other in showing the world from varied points of view.

Features of the new map are the two bottom corner insets of world maps giving the line-ups of belligerents in World Wars I and II. In both insets the physical preponderance of the Allies over Germany and her satellites is readily seen. The boundaries shown are as of the first day of war—September 1, 1939.

Included in the map are clock faces indicating local

time when it is midnight in Greenwich; arrows showing the direction of sea currents; distinctive colors for colonial empires; icy blue coloration for glaciers and ice-cap; and native spellings of place names as well as the English equivalents. A table of the geographical equivalents used on the face of the map appears at the bottom of the sheet.

THE DR. WILLIAM BEAUMONT FOUNDATION

At the first meeting of the Dr. William Beaumont Memorial Foundation in Prairie du Chien, on September 18, according to a report in the *Journal* of the Association of American Colleges, Dr. William D. Stovall, Madison, director of the State Laboratory of Hygiene, was elected chairman of the board of directors, and M. J. Dyrud, Prairie du Chien, was chosen president.

The foundation was incorporated in May and its purpose is to "perpetuate the name and memory of Dr. Beaumont and his memorable experiments in the physiology of digestion, and to recognize noteworthy contributions made by other physicians and surgeons of the United States." Organization of the foundation was planned and carried through by the Crawford County Medical Society and the local Kiwanis club. The officers include Dr. Olaf E. Satter, *vice-president*, Dr. Thomas F. Farrell, *treasurer*, and J. Alvin Dru'yor, *secretary*. Other members of the board of directors are Mayor F. W. Clanton, F. A. Otto and Paul H. Schmidt, all of Prairie du Chien. Dr. Walter J. Meek, acting dean of the Medical School of the University of Wisconsin, has been appointed chairman of the advisory board by the directors. Other appointments made were Cal Peters, curator; Dr. Peter L. Scanlan, Dr. Henry H. Kleinpell, Dr. John J. Kane, Dr. Charles A. Armstrong and Dr. Emil H. Lechtenberg, medical advisers to the curator, and Mr. Dyrud, general manager.

The first meeting of the new foundation was held in the hospital section of the second Fort Crawford, built in 1829, in which Dr. Beaumont served as post surgeon under Colonel Zachary Taylor, then commandant at the fort.

THE AMERICAN PHARMACEUTICAL MANUFACTURERS' ASSOCIATION

EACH year the American Pharmaceutical Manufacturers' Association presents an award of distinction to a scientific man who has made a fundamental contribution to public health in the field of drug therapy.

The mid-year meeting of the association was held at the Waldorf-Astoria, New York City, on December 13 and 14, when the annual scientific award was made jointly *in absentia* to Dr. Alexander Fleming, professor of bacteriology at the University of London, for

his discovery of penicillin, and to Dr. Howard Walter Florey, professor of pathology at the University of Oxford, for his study of penicillin. The committee of award included Dr. George R. Cowgill, associate professor of physiological chemistry at the Medical School of Yale University, and Dr. Howard B. Lewis, professor of physiological chemistry and director of the College of Pharmacy of the University of Michigan.

Previous recipients of the medal are Dr. Nathan B. Eddy and Dr. Lyndon F. Small, for their studies of the chemistry, pharmacology and therapeutics of morphine derivatives; Dr. Perrin H. Long, for his study of the use of sulfanilamide, sulfapyridine and related pharmaceuticals in the treatment of disease; Dr. Tom D. Spies, for his contributions to our knowledge of the B-complex vitamins as pharmaceuticals important in the treatment of disease, and Dr. Edward A. Doisy, for his research in the hormone field.

The program on December 13, which was devoted to war medicine, included an introductory statement by Dr. Cowgill and addresses by Surgeon General Norman T. Kirk, U. S. Army, on "Army War Medicine"; by Acting Surgeon General Warren F. Draper, U. S. Public Health Service, on "Civilian War Medicine";

by Dr. Chester S. Keefer, professor of medicine at the School of Medicine of Boston University, on "The Research Physician in War Medicine"; by Dr. O. H. Perry Pepper, professor of medicine at the University of Pennsylvania School of Medicine, on "Medicine in War and After"; by Dr. Charles Thom, formerly principal mycologist of the U. S. Bureau of Plant Industry, on "Mold Research in War Medicine," and by Dr. George A. Harrop, director of the Squibb Institute for Medical Research, on "Pharmaceutical Development of War Medicine."

The program of the War Session on December 14 included addresses by Lieutenant Colonel Howard F. Currie, Commanding Officer, Army Medical Purchasing Office; Lieutenant Colonel Ralph R. Patch, chief of Production and Facilities Branch of the Procurement Division, Office of the Surgeon General, U. S. Army; Major E. P. Platt, chief of Contract Terminations and Surplus Property Section, Army Medical Purchasing Office; The Honorable Wendell Berge, Assistant U. S. Attorney General; Dr. Thomas A. McGoldrick, president of the New York State Medical Society; A. C. Nielsen, president of the A. C. Nielsen Company, and Charles Wesley Dunn, of the New York Bar.

SCIENTIFIC NOTES AND NEWS

THE Remington Medal of the American Pharmaceutical Association was presented on December 7 at a dinner given by the New York Branch at the Hotel McAlpin to Dr. Robert P. Fischelis, chief of the Chemicals, Drugs and Health Supplies Branch of the Office of Civilian Requirements and pharmaceutical chemist of Trenton, N. J. The award was made in recognition of "his outstanding contributions to the profession of pharmacy" and for his "literary, scientific and organizational activities over a period of years." Dr. Curt P. Wimmer, associate dean of the College of Pharmacy of Columbia University, made the presentation. Dr. Fischelis is president of the New Jersey Pharmaceutical Association and secretary of the Board of Pharmacy of the State of New Jersey.

THE American Mathematical Society at the recent annual meeting in Chicago awarded the Bocher Prize for the best original contribution to mathematical analysis published in an American mathematical periodical during the last five years to Dr. Jesse Douglas, assistant professor of mathematics at Brooklyn College. His articles were contributed to *The American Journal of Mathematics* in 1939 and to the *Transactions* of the American Mathematical Society in 1941.

A VOLUME on mathematics in honor of Professor J. Rey Pastor is being published by Rosario University,

Argentina. Invited contributors from the United States are Professor George D. Birkhoff, Harvard University; Professor Edward Kasner, Columbia University, and Dr. John DeCicco, the Illinois Institute of Technology.

DR. SANFORD A. MOSS, of Lynn, Mass., known for his work on the development of the airplane turbo-supercharger for the General Electric Company, has been awarded the Sylvanus Albert Reed prize for 1943 by the Institute of the Aeronautical Sciences "in recognition of his notable contribution to aeronautical engineering." The award will be presented at the honors night dinner of the institute in New York on January 24. The Sylvanus Albert Reed Award was endowed in 1933 through a bequest of \$10,000 by the late Dr. S. A. Reed and is given annually for outstanding achievements in the aeronautical sciences. It was awarded in 1942 to Igor I. Sikorsky, of the Sikorsky Aircraft Division of the United Aircraft Corporation.

At the Columbus meeting of entomologists Dr. Clarence E. Mickel, of the University of Minnesota, was elected president of the Entomological Society of America, and Professor E. O. Essig, of the University of California, was elected president of the American Association of Economic Entomologists.

HUBERT M. TURNER, associate professor of electrical engineering at Yale University, has been elected presi-