DR. JOHN ROSSLYN EARP, medical editor for the New York State Department of Public Health at Albany, died on May 19 in his fiftieth year.

DR. PRESCOTT LECKY, lecturer in psychology in the Extension Division of Columbia University, died on May 30. He was forty-eight years of age.

DR. C. G. CULLIS, professor of mining geology at the Royal School of Mines, Imperial College of Science and Technology, South Kensington, died on April 28.

THE *Journal* of the American Medical Association states that a painting by Dean Cornwell, the third in the series "Pioneers of American Medicine," was unveiled during special ceremonies in the Hotel Statler, Cleveland, on June 2. The painting shows Major Walter Reed and Dr. Carlos Finlay with Major General Leonard Wood, Dr. Jesse W. Lazear, Dr. James Carroll and Dr. Aristides Agramonte, and John R. Kissinger, the first volunteer soldier to be inoculated in the second set of yellow fever experiments. Miss Blossom Reed, daughter of Major Walter Reed, unveiled the painting. Mr. Cornwell chose the yellow fever subject at this time because of its significance in connection with national defense, since the Panama Canal would have been impossible without the success of Finlay and Reed. The series of paintings, depicting outstanding personalities and events in the history of American medicine, will take between ten and fifteen years to complete, one painting being done a year. Finished paintings are lent to medical schools and medical societies. The first two were "Beaumont and St. Martin" and "Osler at Old Blockley."

SCIENTIFIC NOTES AND NEWS

THE University of California conferred on May 24 the degree of doctor of laws on Dr. Willis Linn Jepson, professor of botany in the university. In awarding the degree the following citation was made by President Robert G. Sproul: "Willis Linn Jepson, native Californian, life-long resident of our state and graduate of this university in the class of 1889; zealous conservator of the priceless forest resources of the Pacific Coast and of the beauties of desert, valley and mountain; foremost authority on western seed plants and author of monumental works on California flora; tutored in the school of unremitting intellectual effort, you stand as an exemplar of the virtues inherent in rigorous discipline."

DR. PEYTON ROUS, member of the Rockefeller Institute for Medical Research, New York, has been elected an honorary fellow by the Royal Society of Medicine of London. As announced in SCIENCE on May 16, the Walker Prize for Cancer Research of the Royal College of Surgeons of England, was recently awarded to Dr. Rous.

RANSOM ELI OLDS, of Lansing, automotive engineer, and W. W. Croze, of Duluth, mining engineer, will receive the honorary degree of doctor of engineering at the fifty-fifth annual graduation exercises of the Michigan College of Mining and Technology. Mr. Olds will be presented for the degree by Professor R. R. Seeber, head of the department of mechanical engineering, and Mr. Croze by Dr. James Fisher, dean of the faculty.

DR. WILLIAM NEWTON HODGKIN, an alumnus of the School of Dentistry of the Medical College of Virginia, Richmond, a member of the Council on Dental Education of the American Dental Association, will be awarded the honorary degree of doctor of science at the commencement exercises of the college.

THE University of Manitoba has conferred the degree of doctor of laws on Dr. Otto Maass, MacDonald professor of chemistry and head of the department at McGill University, director of the Pulp and Paper Research Institute.

DR. HENRY FIELD SMYTH, who has been teaching since 1912 in the Department of Public Health in the School of Medicine of the University of Pennsylvania, an authority on industrial health, on the occasion of his retirement from active teaching, was given on May 24 a testimonial dinner at the Hotel Philadelphian by his friends and former students.

DR. JOHN H. J. UPHAM, professor of pathology and director of the College of Medicine of the Ohio State University, will be the guest of honor on June 6 at a testimonial dinner given by the faculty on the occasion of his retirement.

THE Casselberry Prize, consisting of a plaque and $100, of the American Laryngological Association, given for original investigation in laryngology and rhinology, has been awarded to Dr. Noah Daniel Fabricant, of the University of Illinois, for his work on head colds and sinus conditions.

PROFESSOR CLAUDIUS LEE, of the department of electrical engineering of the Virginia Polytechnic Institute, at a meeting in Roanoke on May 10 of the Virginia Section of the American Institute of Electrical Engineers, was presented with a certificate of merit in recognition of his forty-eight years of service to the institute and to the state.

THE Leslie Dana Gold Medal, awarded annually by the St. Louis Society for the Blind, "for outstanding achievements in the prevention of blindness and the conservation of vision," will be presented this year to Dr. Arnold H. Knapp, a director of the Knapp Foun-

dation in Ophthalmology at Columbia University and editor-in-chief of the Archives.

THE Meyer Medal of the American Genetic Association was presented on June 2 at the Plant Introduction Station at Glendale, Md., of the U. S. Department of Agriculture, to Dr. Edmundo Navarro de Andrade, of Brazil. The medal was awarded in recognition of "distinguished services to plant introduction," especially for the successful introduction into Brazil of the eucalyptus tree, where it now grows extensively and is of great commercial value.

DR. GUSTAV ERNST FREDERICK LUNDELL, chief chemist of the Division of Chemistry of the National Bureau of Standards, has been nominated for president of the Society for Testing Materials. Dean Harvey, of the Engineering Laboratories and Standards Department of the Westinghouse Electric and Manufacturing Company at East Pittsburgh, Pa., has been nominated for vice-president.

DR. ELIOT D. CHAPPLE was elected on May 2 president of the Society for Applied Anthropology, an organization formed at the opening of a two-day conference at Harvard University. The society includes in its membership psychologists, sociologists, economists and others who will apply the results of their research to benefit industry, to social work and to other phases of human relations.

THE American Federation for Clinical Research was organized at Atlantic City on May 5 by the election of the following officers: *President,* Maurice A. Schnitker, Toledo, Ohio; *Vice-president,* Arthur J. Merrill, Atlanta, Ga.; *Secretary-Treasurer,* Thomas M. Durant, Philadelphia; *Councillors,* J. Allen Kennedy, Nashville; Charles H. Wheeler, Jr., New York; Richard H. Lyons, Eloise, Mich; Eugene L. Lozner, Boston. The meeting next year will be held in St. Paul. Richard L. Varco, Minneapolis, was elected chairman of the Program Committee for 1942.

DR. IRVING S. CUTTER, professor of internal medicine and dean of the Medical School of Northwestern University, will retire on September 1 with the title of professor of medicine emeritus and dean emeritus. Dr. James R. Miller, associate professor of medicine, has been appointed dean.

DR. KARL BUEHLER and Dr. Charlotte Buehler, formerly of the University of Vienna, have been appointed visiting professors in psychology at Clark University for the first semester of the coming academic year. Dr. Karl Buehler will give three courses in the field of genetic psychology and Dr. Charlotte Buehler will offer instruction in clinical child psychology. During their semester of residence at Clark special plans will be made for psychologists to visit the laboratories and hold conferences.

PROFESSOR FRANK O. ELLENWOOD, head of the department of heat-power engineering in the Sibley School of Mechanical Engineering of Cornell University, has been appointed John E. Sweet professor of mechanical engineering.

DR. KENNETH KNIGHT LANDES, professor of geology and chairman of the department at the University of Kansas and assistant state geologist, has been appointed professor of geology and chairman of the department at the University of Michigan, to take office on the retirement of Professor Ermine C. Case, who will reach the age of seventy years in September.

DR. THOMAS HARRIS OSGOOD, since 1934 head of the department of physics at the University of Toledo, has been appointed professor of physics and head of the department at the Michigan State College. He succeeds Professor Charles W. Chapman, who retires on September 1.

DR. A. F. WOODS, director of the Graduate School of the U. S. Department of Agriculture for the last fifteen years, will retire on July 1, and will become director emeritus and part-time educational adviser. He will be succeeded by Dr. Eldon L. Johnson, administrator of the school and formerly a teacher of courses in administrative management.

DR. ERVAL R. COFFEY, assistant chief of the domestic quarantine division of the U. S. Public Health Service, has been appointed assistant surgeon general. He will be chief of the Division of Sanitary Reports and Statistics and will direct the public relations of the Health Service.

DR. KARL T. COMPTON, president of the Massachusetts Institute of Technology, has been elected a member of the advisory council of the National Broadcasting Company. The council, of which Owen D. Young is chairman, was established fourteen years ago for guidance on matters of public policy.

DR. ALEŠ HRDLIČKA, of the U. S. National Museum, delivered the second annual Todd Memorial Lecture of the Daniel Smith Lamb Anthropological Society on May 29 at the Medical School of Howard University. He spoke on "The Advent and Antiquity of Man in the Western Hemisphere." The annual Todd Memorial Lecture is given in honor of Dr. Wingate Todd, of Western Reserve University. The Daniel Smith Lamb Anthropological Society was founded two years ago to perpetuate the memory of Dr. Lamb, a former professor of anatomy at Howard University.

DR. WILLARD Z. PARK, head of the department of anthropology at the University of Oklahoma, will spend the summer in research in northern Colombia. A grant by the American Philosophical Society of Philadelphia has made this work possible.

DR. GEORGE D. LOUDERBACK, dean of letters and science and senior professor of geology at the University of California, delivered a series of lectures on geology and engineering at the Agricultural and Mechanical College of Texas from May 7 to 11. This was the second series of lectures to be sponsored by the department of geology, which plans to make the lectures an annual event. Dr. Louderback discussed in detail the applications of geology to engineering. One popular lecture of the series was devoted to the landscapes, people and geological features of Western China. On May 11 a field trip was made to the Marquez Salt Dome under the direction of Dr. H. B. Stenzel.

THE forty-ninth annual meeting of the Society for the Promotion of Engineering Education, which will be held at the University of Michigan from June 23 to 27, will give special attention to a discussion of science and technology in engineering courses. More than 2,000 engineering teachers from leading educational institutions are expected to attend. Included among the speakers are Dr. Alexander G. Ruthven, president of the University of Michigan; Dr. D. B. Prentice, president of Rose Polytechnic Institute and president of the society; R. A. Seaton, director of engineering defense training for the U. S. Office of Education; James W. Parker, vice-president and chief engineer of the Detroit Edison Company; Dean A. A. Potter, of the Purdue University College of Engineering, and Professor R. A. Dodge, of the College of Engineering of the University of Michigan.

THE First Latin American Congress of Plastic Surgery will be held in Rio de Janeiro and São Paulo from July 6 to 12, under the sponsorship of the Latin American Society of Plastic Surgery. Dr. Antonio Prudente is president of the congress.

TWO alumni members, nine members and seven associates were initiated by the Lehigh University Chapter of the Society of the Sigma Xi at the annual initiation and banquet on May 21. The retiring president, Dr. Clarence A. Shook, associate professor of mathematics, introduced Dr. Edgar T. Wherry, associate professor of botany at the University of Pennsylvania, who spoke on "Camera Studies of Western Wild Flowers." The officers elected for the ensuing year are Dr. Bradford Willard, professor of geology, *president;* Cyril D. Jensen, associate professor of civil engineering, *vice-president;* Dr. W. L. Jenkins, assistant professor of psychology, *secretary,* and Francis J. Trembley, assistant professor of biology, *treasurer.*

THE *Bulletin* of the American Society for Testing Materials states that the Office of Production Management has announced the formation of a committee appointed by the National Academy of Sciences and the National Research Council to advise the office on technical matters relating to metals and minerals. This committee is known as the Advisory Committee on Metals and Minerals. It is made up of the following four groups: Ferrous Minerals and Ferroalloys Group, Metals Conservation and Substitution Group, Tin Smelting and Reclamation Group, Nonmetallic Minerals Group. This committee will take over the activities of the various separate technical committees that heretofore have been advising the National Defense Advisory Commission and the Office of Production Management. Clyde E. Williams, director of the Battelle Memorial Institute, Columbus, Ohio, is chairman of the committee; Dr. Gilbert E. Seil, technical director, E. J. Lavino Company, Norristown, Pa., is chairman of the Ferrous Minerals and Ferroalloys Group; Zay Jeffries, technical director, Incandescent Lamp Department, General Electric Company, Cleveland, is chairman of the Metals Conservation and Substitution Group; and F. W. Willard, president, Nassau Smelting and Refining Company, Inc., New York, N. Y., is chairman of the Tin Smelting and Reclamation Group. The Nonmetallic Minerals Group is in process of formation.

THE cornerstone of the new addition to the Roosevelt Hospital, New York City, to be erected at the cost of $1,000,000, was laid on May 21, in the absence of Mayor La Guardia, by Dr. Willard C. Rappleye, commissioner of hospitals. The addition replaces a sixty-eight-year-old building recently demolished, and is joined to the ward section of the main hospital. The new unit is to be five stories in height, and will contain seven new operating rooms, in addition to other hospital facilities.

THE National Foundation for Infantile Paralysis has given $30,000 to the University of Michigan for the establishment of a laboratory for the study of virus diseases. It will be conducted within the new School of Hygiene and Public Health soon to be built with funds donated by the Rockefeller and the W. K. Kellogg Foundations. The laboratory will be set up in the University Hospital and later transferred to the Public Health Building.

DURING the first four weeks of the summer session of 1941 (June 30–July 24) a seminar on the fat-soluble vitamins will be conducted at the University of Michigan. Guest speakers will include A. C. Curtis, University of Michigan; Edward A. Doisy, St. Louis University; Harry N. Holmes, Oberlin College; Fred C. Koch, University of Chicago, and Henry A. Mattill, University of Iowa. The chemistry and physiology of vitamins A, D, E and K will be discussed.

Further information may be obtained from Professor Howard B. Lewis, Department of Biological Chemistry, Medical School, University of Michigan, Ann Arbor.

FIVE tuition-free courses in higher mathematics, open to graduate students and approved by the United States Office of Education, will be offered in the evenings beginning on June 12 in the New York University College of Engineering at University Heights. The program will include advanced methods of applied mathematics, fluid dynamics and applications, theory of elastic plates, electrical network theory and a seminar on vibrations. Applications may be made to the college, Room 204, Bliss Building, University Heights. Applicants must have a bachelor of science degree and several years of graduate instruction in mathematics or physics. The tuition and expenses of the courses will be paid by the Office of Education from a congressional grant of $9,000,000 for engineering defense courses.

DISCUSSION

NUTRITIONAL PROBLEMS OF NATIONAL DEFENSE

AT the recent symposium conducted by the Chicago Branch of the American Association of Scientific Workers, a group of scientists gathered from all over the country heard three eminent authorities in the field of nutrition describe the pressing nutritional problems of our national defense and a method of meeting them. At the meeting, held the evening before the convening of the Federation of American Societies for Experimental Biology, Dr. Hazel Stiebeling, senior food economist of he U. S. Department of Agriculture, disclosed that, according to the latest figures available, fully 50 per cent. of the nation's children are being raised on inadequate food allotments. That this weakness must inevitably be felt in any attempt to forge a strong defense for this nation, and that its correction could not be prosecuted too strongly, were vigorously emphasized by Dr. Stiebeling. She clearly pointed out that the workers and soldiers of to-day had been brought up among just such conditions and that those who will replace them—the youth of to-day—must have improved nutritional conditions to be maximally effective in the work to be done. Dr. Stiebeling showed how improvement in economic status and purchasing power is a prime requisite which, in part, is being met by the government's surplus commodities and food stamp program. However, it was stressed that this must be coupled with a far-reaching educational program to influence best nutritional utilization of each dollar spent. "We need," said Dr. Stiebeling in summary, "immediate action on a broad front by many agencies if nutrition is to play its necessary part in national defense."

Colonel Paul E. Howe, of the Sanitary Corps, outlined the set-up by which the army is now being fed, and he emphasized the improvement that modern attitudes have wrought in the army diet. Allotment of a certain amount of money for food per day is not enough, and now for the first time the army is required specifically to prepare a ration that is nutritionally balanced.

Dr. Russell Wilder, of the Mayo Clinic, gave the third talk, "Nutrition in the United States—A Plan for the Future," in which he emphasized again the need for nutritional adequacy. He cited specific results of research at the Mayo Clinic, revealing drastic personality degeneration and working inefficiency which were caused by B_1 deficiency and which became increasingly difficult to clear up as the duration of deficiency was prolonged. He mentioned the susceptibility of large populations to great pandemics when nutrition is impaired, as in the last war, and he specifically cited the large loss of sight among Danish children when the Danish butter, and with it the vitamin A supply, was exported to Germany. Dr. Wilder stated that particularly in the last sixty years, because of the use of milled white flour and purified white sugar, the diet of the average American has been in a worse nutritional state than at any time previously. He stated that for success in national defense "the time element is of extreme importance—as much in human values as in mechanical ones." Because education is of necessity such a slow process, requiring a time lapse before results appear, Dr. Wilder based his plan for the immediate nutritional future of America on three major and feasible procedures. First, he proposed that the wheat milling processes be modified to include the greatest possible vitamin content. (This, as a result of his committee's suggestion, is actually already being carried out.) Secondly he proposed that to all refined sugar there be added 20 per cent. of its weight of skimmed milk solids—an excellent and relatively cheap source of needed vitamins and minerals. Third, he suggested that the only remaining deficiency should be overcome by supplying vitamin C as citrus fruit or concentrates thereof.

In these three talks we have, for what we believe the first time, been given a clear picture of just what the nutritional needs of the country are; and, in addition, we have been given a method of action to meet these needs within a finite time and by workable means.

ALBERT M. POTTS

CHICAGO