

illicit drug dealers, and for avoiding the use of narcotic drugs except under medical supervision should be impressed upon the population.

6) To study the epidemiology of drug addiction and to acquire information about the magnitude and pathogenesis of the disease. By means of the records accumulated at the central agency, it would be possible to have at all times an accurate count of the known resistant addicts in the country. It would also be possible to know how many addicts were undergoing treatment for their illness and how many relapsed after a period of abstinence. Data on the length of abstinence from narcotic drugs and therefore on the success of various types of treatment would be obtainable. On the basis of such information, research could be focused more readily on the "why" of addiction and on improved methods of treatment. There seems little possibility of learning the "why" of addiction until narcotic addicts can be studied under conditions that more nearly approximate normal existence than do the conditions of a hospital, however excellent the hospital may be.

The report was prepared by the following committee: Hubert S. Howe (chairman), Harry D. Kruse (secretary), Linn J. Boyd, McKeen Cattell, Milton J. Goodfriend, Arthur Vose Greeley, Lawrence C. Kolb, Asa L. Lincoln, Bernard J. Pisani, Dickinson W. Richards, and Conrad M. Riley, members.

New AAAS Chapter

A Carolina chapter of the AAAS is in process of organization. Officers elected by the founding group include L. D. Herring, Raleigh, N.C., acting president, and A. Edward A. Hudson, Edgewood Apartments, Goldsboro, N.C., acting secretary-treasurer. Any member of the association is eligible to join the chapter, the annual dues of which were fixed at \$1.

The primary objective of the new group is to inform the lay public of the latest developments in science and to stimulate an interest in science as a career among high-school and junior-college students. The chapter plans self-supporting lectures to achieve these purposes. All interested persons are asked to communicate with Hudson.

■ Ambassador Lodge's proposal on 21 June that the United Nations receive and assemble data on the effects of radiation on human health and safety received enthusiastic welcome from the executive committee of the Federation of American Scientists. The FAS, under the chairmanship of Donald J. Hughes, senior physicist at Brookhaven National

Laboratory, Upton, N.Y., expressed "hope that United Nations action in studying information on radiation effects may prove to be as successful an example of international cooperation as the atoms-for-peace program proposed in December 1953 by President Eisenhower."

The FAS officers noted that Sen. Payne and Rep. O'Hara had introduced resolutions in Congress calling for a UN study of radiation effects; they called upon Congress "for prompt and favorable action on these resolutions." On 14 Apr., the federation's executive committee had endorsed the Payne resolution and welcomed "the plan announced on April 8 by the National Academy of Sciences to appraise radiation effects. The Academy's study will provide a reliable technical evaluation of these effects," the earlier FAS statement said, and continued: "Worldwide acceptance of such a technical evaluation will be needed to bring international understanding, agreement and prophylactic action on the matter. Such a worldwide acceptance is most likely to be accorded the findings of a UN commission as proposed by the Federation (on March 6) and by Senator Payne (on April 13)."

■ The Los Alamos Scientific Laboratory, which is operated by the University of California for the Atomic Energy Commission, will hold an open house for families of employees and residents of Los Alamos 16-17 July to mark the 10th anniversary of the first nuclear detonation at Trinity site, near Alamogordo, N.M. This will be the first time since the laboratory was activated in 1943 that the technical area has been generally opened to news correspondents.

Scientists in the News

ROGERS MCVAUGH, professor of botany at the University of Michigan and curator of phanerogams in the university herbarium, has been granted a year's leave of absence, effective 1 Sept., to serve as program director in systematic biology for the National Science Foundation, Washington, D.C.

SYDNEY CHAPMAN, English geophysicist, emeritus professor at Oxford University, and professor at the University of Alaska, arrived in Boulder, Colo., last month to begin a year's appointment at the University of Colorado's High Altitude Observatory. During his stay he will participate in the joint research program that is being conducted by the observatory and the National Bureau of Standards.

Chapman will be away during part of this month and next to attend the Inter-

national Astronomical Union meetings in Dublin, Ireland, and to carry out responsibilities in connection with his position as president of the International Committee for the International Geophysical Year. He will also leave Boulder in January 1956 to spend about 4 mo in College, Alaska. He will then return to Boulder for a number of months to complete his work there.

ROMAN SMOLUCHOWSKI, professor of physics and metallurgical engineering at Carnegie Institute of Technology, will spend the next academic year at the University of Paris as visiting professor of physics. He will give a course on solid-state physics at the Sorbonne and conduct research at the Ecole Normale Supérieure.

ROBERT V. BROWN, associate professor of pharmacology at the University of Tennessee Medical Units since 1946, has resigned, effective 1 Sept., to join the staff of the pharmacology branch of the Army Chemical Center in Maryland.

Seven U.S. Department of Agriculture scientists who participated in the successful eradication of the screw-worm fly from the island of Curaçao have been publicly commended for their work by the governor of the Netherlands Antilles. Documents signed by Governor A. A. M. STRUYCKEN have been received by B. T. SHAW, administrator, Agricultural Research Service, and six members of the Insects Affecting Man and Animals Section: A. W. LINDQUIST (head), A. H. BAUMHOVER, W. E. NEW, A. J. GRAHAM, D. E. HOPKINS, and F. H. DUDLEY.

The USDA's Entomology Research Branch, in cooperation with Curaçao authorities, succeeded in eradicating the livestock pest by releasing male insects that had been sterilized by exposure to radioactive cobalt.

It is felt that the success of the program has opened the way for a similar campaign against the screw-worm fly in the southeastern United States. However, there seems to be little hope of using this method against the screw-worm infestation that moves north from southern Texas each spring, for reinfestation from Mexico cannot be prevented. However, Texas screw-worms are not expected to reinfest the Southeast if precautions are exercised in shipping infested animals.

A report of the work on Curaçao will appear in a forthcoming issue of *Science*.

ROBERT D. ENGLERT, who has been associated with Stanford Research Institute since 1949, has been appointed manager of S.R.I.'s Pasadena laboratory. This appointment coincides with plans to extend project work of the laboratory into the fields of chemistry and chemi-

cal engineering. Under Englert's supervision facilities will be expanded and technical staff increased. The laboratory will continue its major work in air research, which was started in 1947.

Englert has conducted research in the utilization of inedible tallow, developing a process whereby the tallow is oxidized to dibasic acids. He has followed this work by studying products of the nitric acid process as intermediates in plasticizers and lubricants. In addition, he has developed herbicides designed to clear undesirable brush from grazing lands.

LESTER M. FIELD has been appointed head of the electron tube laboratory at the Hughes Aircraft Co., Culver City, Calif. He acquired his background in tube research and development at Bell Telephone Laboratories. Subsequently he was head of tube research projects at both Stanford University and California Institute of Technology. He will continue to be associated with the faculty at California Institute of Technology.

HOWARD W. POTTER has been appointed dean of the State University of New York College of Medicine in Brooklyn. Chairman of the college's department of psychiatry and acting dean since last September, Potter has been a member of the faculty for 15 years.

JOHN C. FORBES, research professor of biochemistry at the Medical College of Virginia, and FRANKLIN D. KIZER, chairman of the science department of Norview High School, Norfolk, have received the 1955 Distinguished Service awards of the Virginia Section of the American Chemical Society.

LEVON D. BECHTOL, formerly of the Baxter Laboratories, Morton Grove, Ill., has been appointed medical director and associate research director of Ethicon, Inc., manufacturer of surgical sutures, New Brunswick, N.J.

JOHN G. BIERI, formerly an associate professor in the department of biochemistry and nutrition, University of Texas Medical Branch, Galveston, has joined the nutrition unit of the National Institute of Arthritis and Metabolic Diseases, Bethesda, Md.

RALPH M. BERRY, formerly of the U.S. Coast and Geodetic Survey, Washington, D.C., has been appointed professor of geodesy and surveying at the University of Michigan. Another new appointment at Michigan is that of ERNEST FRANK MASUR, associate professor of civil engineering at Illinois Institute of Technology. He has been named associate professor of engineering mechanics.

EUGENE ALLEN, senior research chemist at the Bound Brook Research Laboratories of American Cyanamid Co., has been named editor of the Inter-Society Color Council *News Letter*. His predecessor was I. H. GODLOVE, editor from 1937 until his death last August. The Inter-Society Color Council is an organization that coordinates the work in color that is being done by its 23 member-bodies and various working committees.

LESTER O. KRAMPITZ, professor of microbiology and director of the department of microbiology at Western Reserve University medical school, has been granted a Fulbright award to teach and conduct research with Feodor Lynen in Munich, Germany, for the next academic year. He will sail on 13 July, going first to Brussels to attend the 3rd International Congress of Biochemistry.

The following are among those who have recently received honorary doctoral degrees.

University of Vermont and State Agricultural College: ALAN T. WATERMAN, director of the National Science Foundation.

University of Münster, Westphalia, Germany: GEORG VON BÉKÉSY, Psycho-Acoustic Laboratory, Harvard University.

University of Michigan: E. K. JANAKI AMMAL, director, Central Botanical Laboratory, Botanical Survey of India, Lucknow.

North Dakota State College: NEWELL P. BECKWITH, vice president and general manager, Rinsed-Mason Paint Co. of Canada, and vice president and technical director of its United States branch; WILLIAM F. SUDRO, former dean of the School of Pharmacy, N.D.S.C.

University of Pennsylvania: FRANKLIN DAVID MURPHY, chancellor of the University of Kansas; KARL S. LASHLEY, director, Yerkes Laboratories of Primate Biology, Harvard University; WILLIAM B. SHOCKLEY, research director, Weapons System Evaluation Group, Department of Defense, and director of transistor physics research, Bell Telephone Laboratories.

University of Stockholm, Sweden: WALLACE D. ARMSTRONG, head of the department of physiological chemistry, Medical School, University of Minnesota.

Bucknell University: JOHN S. BURLEW, assistant director, Franklin Institute of the State of Pennsylvania.

Kenyon College: GEORGE W. BEADLE, chairman of the division of biology, California Institute of Technology, and president of the AAAS.

Union College: CARYL P. HASKINS, president-elect of the Carnegie Institution of Washington and the Haskins

Laboratories, Inc.; ROBERT LEBARON, former assistant to the Secretary of Defense for atomic energy.

Alfred University: W. H. SEBRELL, JR., director, National Institutes of Health.

Massachusetts College of Pharmacy: JOHN T. MURPHY, chief pharmacist of Massachusetts General Hospital and consultant to the Gray Pharmaceutical Co., Inc.

Necrology

IVERS SHEPARD ADAMS, 81, authority on salmon and waterfowl, Hardwick, Mass., 11 June; GEORGE H. ALEXANDER, 53, psychoanalyst, former director of Butler Hospital, Providence, R.I., 29 Apr.; HARVEY S. ALLEN, 48, professor of surgery at Northwestern Medical School and attending surgeon at Passavant and County Hospitals, Chicago, 30 May; LEOPOLD ARZT, head of the Dermatologic Institute at the Vienna University Clinic, Vienna, Austria, 21 May.

ROBERT W. BOYLE, 71, former professor of physics and dean at the University of Alberta, former director of the division of physics and electrical engineering for the National Research Council of Canada, London, England, 18 April; JOHN L. BUYS, 58, professor of biology and chairman of the department at St. Lawrence University, Canton, N.Y., 24 May.

AARON S. CANTOR, 70, cardiologist, Scranton, Pa., 18 Apr.; JOHN D. CLAIR, Sr., 67, civil engineer with Nicholson Co. of New York, Hohokus, N. J., 23 Apr.; D. DALE CONDIT, 69, geologist, retired from Standard-Vacuum Oil Co. of New York, Stamford, Conn., 6 May.

WALTER F. DEARBORN, 76, pioneer in educational psychology and emeritus professor of education at Harvard University, St. Petersburg, Fla., 21 June.

CLARENCE LEE FURROW, 58, professor of biology at Knox College, Galesburg, Ill., 9 Mar.

EDWARD J. HEALEY, 53, chemical engineer, productions manager of Fiske Brothers Refining Co. of Newark, N.J., Elizabeth, N. J., 13 June; PHILIP E. HENDERSON, 53, head of the department of economics and business at Wilmington College, former president of Western College of Women, Wilmington, Ohio, 26 Apr.; LIEBMAN HERSH, 73, professor of demography and statistics at the University of Geneva, Geneva, Switzerland, 9 June.

RICHARD JAHIEL, 56, physician and research gastroenterologist and immunologist, New York, 31 May; HILTON IRA JONES, 72, research chemist, former professor of chemistry at Dakota Wesleyan University and Oklahoma Agricultural and Mechanical College, Wilmette, Ill., 2 May.

JULIUS I. KLEPPER, 74, former clinical