

bureau's sound laboratory designed and constructed this instrument under the sponsorship of the Office of Naval Research. It has been used to measure the speed of sound in distilled water from 0° to 100°C with an accuracy of 1 part in 30,000.

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The National Academy of Sciences-National Research Council has released a report of an inquiry into the underground disposal of radioactive waste from atomic energy installations. Conducted by the Committee on Waste Disposal of the Academy-Research Council's Division of Earth Sciences, under contract with the U.S. Atomic Energy Commission, the 3-year study was based on a conference held 10-12 September 1955 at Princeton University. The report and edited proceedings of the Princeton conference are contained in *The Disposal of Radioactive Waste on Land*, which may be obtained for \$1 from the Publications Office, National Academy of Sciences-National Research Council, 2101 Constitution Avenue, NW, Washington 25, D.C.

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The American Veterinary Medical Association has announced the establishment of the American Board of Laboratory Animal Medicine. A brochure that describes the board is ready for distribution. Applicants applying for membership *before 18 February* may be admitted to the board without examination; after that date, all applicants must take the board examination. For information, write to: Dr. Robert J. Flynn, Argonne National Laboratory, Box 299, Lemont, Ill.

Scientists in the News

Among the five first recipients of the President's award for "exceptionally meritorious civilian service" to the Government were STERLING B. HENDRICKS, chief chemist in the Department of Agriculture's pioneering research laboratory for mineral nutrition of plants, and WILLIAM B. McLEAN, technical director of the Naval Ordnance Test Station at China Lake, Calif. Hendricks was cited for "extraordinary and versatile achievement through basic research in the Department of Agriculture," and McLean was honored for conception and development of the Navy's "sidewinder" guided-missile weapons system. The two men received gold medals at a ceremony that took place in the White House on 27 January.

HOWARD W. POTTER has retired as professor and chairman of the department of psychiatry at the State University of New York's Downstate Medical Center in Brooklyn. A member of the

faculty of the College of Medicine of the Downstate Medical Center and its predecessor, the Long Island College of Medicine, for 20 years, Potter has been chairman of the department of psychiatry since 1947. In addition, he served as acting dean of the College of Medicine from September 1954 to June 1955, and as dean from June 1955 to September 1957. He has also been director of psychiatry at the Kings County Hospital Center since 1947.

Potter began his career as a psychiatrist at the Bloomingdale Hospital, the psychiatric division of New York Hospital, in 1916. Later he organized and directed a research department at Letchworth Village, a state institution for mental defectives at Thiells, N.Y. In 1929 he was appointed assistant director and chief of staff of the newly erected psychiatric institute and hospital at the Columbia Presbyterian Medical Center, where he also held the title of clinical professor of psychiatry.

Potter has accepted an appointment as visiting professor of psychiatry at the University of the Philippines College of Medicine, where he will act as a consultant to the dean in developing a program of psychiatric education. He expects to spend several months each year in the Philippines for the next few years. In addition, he will organize and direct an intensive course in mental deficiency at Letchworth Village for doctors specializing in psychiatry.

Potter received his M.D. degree from the College of Physicians and Surgeons of Columbia University in 1913. During World War II he was medical supervisor of the Port of New York for the Merchant Marine War Shipping Administration. In 1943, as director of psychiatry of the Long Island College Hospital, he founded the William Alanson White Psychiatric Clinic on Amity Street, Brooklyn.

ARNE G. H. RHODIN, Swedish electron microscopist who is at present an assistant professor in the department of anatomy at the Karolinska Institute in Sweden, has accepted an appointment as an associate professor in the department of anatomy at New York University College of Medicine.

MRS. LAURENCE PELLIER has been appointed applications chemist by the Norelco Instruments Division, Philips Electronics, Inc., Mount Vernon, N.Y. She will devote her attention to technical problems involving electron microscope techniques. Mrs. Pellier was formerly research metallurgist for the Sigmund Cohn Corporation, Mount Vernon, and was concerned with the design of alloys for electrical and electronic instruments.

GEORGE W. BEADLE, professor of biology and chairman of the Biology Division of California Institute of Technology, has been appointed Eastman visiting professor at the University of Oxford, England, for the academic year 1958-59. The Eastman professorship was founded in 1929 by George Eastman to bring senior American scholars to Oxford University for a year. The fund supporting the professorship is administered by the Association of American Rhodes Scholars.

ELLIS A. JOHNSON, director of the Operations Research Office, Johns Hopkins University, has received the Army's Distinguished Civilian Service Medal "for his distinguished ability and performance."

Pergamon Press has announced that WILLIAM DOERING has accepted the regional editorship for the American continent of *Tetrahedron*, following the death of Morris S. Kharasch. Manuscripts for publication should be addressed to Prof. William Doering, Sterling Chemistry Laboratory, Yale University, 225 Prospect St., New Haven, Conn.

L. J. AUDUS, professor of botany and head of the botany department at Bedford College, University of London (England), will be visiting professor in the department of botany, University of California, Berkeley, for the spring semester. He will present a lecture and laboratory course on the physiology of plant growth and development.

WESTON S. EVANS, head of the civil engineering department at the University of Maine, has been named dean of the university's College of Technology. He has been serving as acting dean of the college since the resignation of ASHLEY S. CAMPBELL last summer. In addition to serving as dean, Evans will also be director of the Technology Experiment Station.

In tribute to LOUIS W. SAUER, pediatrician of Evanston, Ill., who developed the whooping cough vaccine, the North Suburban Branch of the Chicago Medical Society prepared a panel of the citations awarded the physician for his contributions to medicine. The panel, which bears three citations and Sauer's picture, was presented to him at a recent meeting of the branch.

CARL C. LINDEGREN, director of Southern Illinois University's Biological Research Laboratory, will receive the annual Pasteur Award of the Society of Illinois Bacteriologists at a dinner on 28 February in the Morrison Hotel, Chi-

cago. He is a geneticist and specialist in yeasts and the author of *The Yeast Cell: Its Genetics and Cytology*. Lindegren was the first to discover that yeast cells have sex and that they can be cross-bred to develop new types of yeast strains. He and his coworkers also found that induced changes in a yeast cell can be inherited by the cell's offspring.

PETER P. HOPF, product development manager for A. Boake, Roberts & Co. Ltd., London, England, will be in the United States during the period 9-30 April to exchange with chemical manufacturers and users technical and commercial information of mutual interest.

LEO M. HURVICH, formerly with the color technology division of the Eastman Kodak Company, Rochester, N.Y., has joined the department of psychology of New York University as professor of psychology.

RILEY SCHAEFFER, associate professor of chemistry at Iowa State College, has been appointed associate professor of chemistry at Indiana University, effective in September.

CHARLES R. MINGINS, head of the department of physics and mathematics at Lowell Technological Institute, has been appointed chairman of the institute's Division of Engineering. He replaces HARRY C. BROWN, who has retired.

JOHN F. BAXTER, professor of chemistry at the University of Florida, has been relieved of his teaching duties to devote full time to conducting a high-school chemistry course before motion picture cameras. The course will consist of 160 half-hour films, designed to aid high-school science departments.

R. P. BELL of Balliol College, Oxford University, England, will give the Baker lectures in chemistry at Cornell University during the 1958 spring term, on the topic, "The Proton in Chemistry." MELVIN CALVIN of the University of California will deliver the Baker lectures in the fall of 1958. C. A. COULSON, of Oxford University, will be Baker lecturer for the spring term, 1959.

TIMOTHY R. TALBOT, JR., assistant professor at the University of Pennsylvania Medical School, has been appointed director of the Institute for Cancer Research, Philadelphia.

Five top posts have been filled in the newly reorganized U.S. Fish and Wildlife Service of the Department of the Interior. In the Bureau of Commercial

Fisheries, ALBERT L. TESTER, formerly director of the Pacific Oceanic Fisheries Investigations at Honolulu, T.H., is chief of the new Division of Biological Research, which will handle investigations pertaining to the anadromous fisheries, marine and inland fisheries, and the shellfish fisheries. Previously these activities were conducted by the Branch of Fishery Biology.

HAROLD E. CROWTHER, formerly coordinator of the Saltonstall-Kennedy Program work, and who was in charge of setting up the Fisheries Loan Fund unit, is chief of the Division of Industrial Research and Services. This division has taken over the functions of the former Branch of Commercial Fisheries in the field of economics, exploratory fishing and gear research, dissemination of daily fishery market news, statistical canvasses and studies, market development activities, and technological research.

RALPH C. BAKER, formerly assistant chief of the Branch of Alaska Fisheries, is head of the Division of Resource Management. This organizational unit is responsible for the Alaska fishery and fur-seal programs, the Columbia River fishery development program, and the enforcement of laws and regulations relating to the management of commercial fisheries and marine mammals under international fishery conventions.

In the Bureau of Sport Fisheries and Wildlife, ROBERT M. RUTHERFORD, formerly chief of the Branch of Federal Aid, is the new chief of the Division of Technical Services. This division is responsible for the administration of the Pittman-Robertson wildlife and the Dingell-Johnson sport-fish restoration programs, river basin activities, and engineering and realty services.

The Division of Sport Fisheries is headed by JOHN S. GOTTSCHALK, formerly assistant chief of the Federal Aid Branch of the Service. This division has charge of the operation of all the service hatcheries and supervises the programs involving the management of the sport fish resources and the conduct of fundamental research on these species.

MAX REISS has been appointed director of research at Willowbrook State School, Staten Island, N.Y., where he will head a new unit to investigate mental retardation, combining the techniques of clinical psychiatry, biochemistry, and endocrinology. Since 1950 Reiss has served in England as consultant in mental health of the South Western Regional Hospital Board under the Ministry of Health. In 1954 he was appointed honorary consultant to St. Ebba's Hospital, Epsom, and to the Royal Victoria Hospital at Netley, Hants, the British War Office's main hospital for psychiatric casualties.

JOSEPH B. WOLFFE, cardiologist and president of the American College of Sports Medicine, will represent the United States at the twelfth Congress of the International Federation of Sports Medicine to be held in Moscow on 29 May. Wolffe, founder and director of the Valley Forge Heart Hospital and Medical Center in Fairview Village, Pa., and of the Wolffe Clinic and Hospital in Philadelphia, has studied the effects of athletics and other forms of vigorous activity on the heart and blood vessels.

Two Harvard University professors have been granted leaves of absence to serve as consultants in medical education to the King George Medical College of Lucknow University, Lucknow, India. They are EDWARD D. CHURCHILL, Homans professor of surgery at Harvard and chief of surgical services at Massachusetts General Hospital, and HERMANN BLUMGART, professor of medicine at Harvard and chief of medical services at the Beth Israel Hospital.

THOMAS D. FONTAINE has been named program director for fellowships in the Division of Scientific Personnel and Education at the National Science Foundation. Fontaine, who has served for the past 2½ years as administrative assistant to Sen. John C. Stennis of Mississippi, was previously a research chemist with the U.S. Department of Agriculture.

EDWIN A. SPEAKMAN, former vice president and general manager of the Fairchild Engine and Airplane Corporation's Guided Missile Division, has been named to the newly created post of manager of planning for defense electronic products, Radio Corporation of America.

CARL H. KEYSER has been named research associate in pharmacology at the Squibb Institute for Medical Research, New Brunswick, N.J. Keyser, born and educated in Berlin, Germany, spent several years after World War II as head of the clinical chemistry department at the Friederikenstift General Hospital in Hanover, and as head of the department of medical chemistry at the Südmedica Pharmaceutical Company in Munich. Then in 1956 he became assistant pathologist at Misericordia General Hospital in Winnipeg, Canada, and for the past year he has been an assistant in pathology at the West Jersey Hospital in Camden, N.J.

Erratum: One component (*D*-inositol at a concentration of 0.002 g/lit) of the nutrient medium was omitted from Table 1 of the article "Molecular Growth Requirements of Single Mammalian Cells," by G. Sato, H. W. Fisher, and T. T. Puck [*Science* 126, 961-964 (8 Nov. 1957)].