

been awarded, amounting to about \$50,000. It seems reasonably clear even now that the program has had a profound effect in the state of Connecticut.

## News Briefs

The American Tobacco Company Research Laboratory in Richmond, Va., has received the Virginia Academy of Science's Distinguished Service Award as "International Leader in Tobacco Research, Befriender of Science in Community Affairs, and Outstanding Contributor to the Advancement of Science in America."

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A bull whip cracks because its tip breaks the sound barrier, according to Horace M. Trent of the Naval Research Laboratory in a paper delivered at the recent meeting of the Acoustical Society of America.

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A grant of \$1,560,000 to finance basic research in natural and physical science has been allocated by the Eugene Higgins Scientific Trust. The money will be distributed in equal shares to Columbia, Yale, Princeton, and Harvard universities. Some \$11,220,000 has been distributed for this purpose since the trust was established in 1948.

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A special symposium on catalysis was held in honor of the late Vasili I. Komarewsky on 17 May at Armour Research Foundation of Illinois Institute of Technology, Chicago. Komarewsky, who died last June, was professor of chemical engineering at the institute, a consultant to Armour Research Foundation, and a founder of the Chicago Catalysis Club, which cosponsored the event.

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The National Psoriasis Research Association is a new nonprofit organization whose purpose is to raise funds to finance research in psoriasis. Membership is open to all persons afflicted with this skin disease and to everyone who is interested in the work of the association. The association will make grants to the medical profession and to research laboratories on the recommendation of a medical advisory board. For information, write to the association at 161 Rockridge Rd., San Carlos, Calif.

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The new Hall of North American Forests at The American Museum of Natural History has been opened to the public after 10 years of preparation.

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The American Association of University Professors recently presented its first Alexander Meiklejohn award for service to academic freedom to the president and

trustees of the University of New Hampshire. Eldon L. Johnson, president, and the trustees were cited for permitting Paul M. Sweezy, an editor-lecturer, to address students at the university in the spring of 1956. At that time Sweezy was free on bail after having been convicted of contempt of court by the Supreme Court of New Hampshire. The United States Supreme Court reversed the conviction last June.

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Representative Melvin Price (D-Ill.) chairman of the Research and Development Subcommittee, Joint Committee on Atomic Energy, has announced that the subcommittee's hearings on employee radiation hazards and workmen's compensation, originally planned for the middle of June, will be postponed until early in the next session of Congress. Price also stated that he is asking the Atomic Energy Commission to submit a report on the subject to the Joint Committee by 1 January 1959; this report will serve as the basis of discussions at the hearings next session.

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An agreement has been concluded between Poland and Denmark for a telephone and telegraph cable across the floor of the Baltic Sea. The cable will be the common property of the two countries and will handle the increased telecommunications traffic between Poland, Scandinavia, and Britain. It is expected that the laying of the cable will be completed by early 1960.

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A postdoctoral fellowship for advanced study in biophysics is being established as a memorial to Robert Bruce Withrow, chief of the Division of Radiation and Organisms of the Smithsonian Institution. A pioneer in the biophysics of radiation, it was his hope to encourage research in this field by this means. Contributions may be addressed to Dr. Frederick S. Brackett, National Institutes of Health, LPB-NIAMD, Room B-4, Building 2, Bethesda 14, Md.

## Proposed Legislation

HR 11950. Amend National Science Foundation Act of 1950 to encourage the training of additional engineers and scientists and expansion of facilities for engineering and scientific education by providing scholarships and fellowships for engineering and science students. Teague (D-Texas). House Interstate and Foreign Commerce.

HR 11960. Strengthen the national security, advance the cause of peace, and assure the pre-eminence of the U.S., in the academic, scientific, and technical disciplines through programs designed to

stimulate the development and to increase the number of students of all educational levels in our schools, and to provide additional facilities therefor. Knutson (D-Minn.). House Education and Labor.

HR 11913. Amend the Public Health Service Act to authorize grants for research and teaching facilities for existing and new medical, dental, and public health schools; extend title VII of that act (re health research facilities) for an additional 3-year period. Roberts (D-Ala.). House Interstate and Foreign Commerce.

S 3609. Provide for research into problems of flight within and outside the earth's atmosphere. Johnson (D-Texas), Bridges (R-N.H.). Special Committee on Space and Astronautics.

## Scientists in the News

J. E. P. L. VIGOUREUX, senior principal scientific officer of the National Physical Laboratory, Teddington, England, will attend a conference on electronic standards and measurements at the National Bureau of Standards Laboratories at Boulder, Colo., 13-15 August.

Three representatives of the International Union of Physiological Sciences, an affiliate of the World Health Organization, are visiting South American medical schools and research facilities to discuss problems of medical education and research. The group includes: CARL F. SCHMIDT, professor and chairman of the department of pharmacology at the University of Pennsylvania; C. HEYMANS, professor of pharmacology at the University of Ghent, Belgium; and R. GRANIT, professor of physiology at the Karolinska Institute, Stockholm, Sweden.

FRANCIS HEMMING, who has held the office of honorary secretary to the International Commission on Zoological Nomenclature since 1936, has retired because of ill health. R. V. MELVILLE, a senior member of the paleontological staff of the Geological Society, London, has been released for a period of 1 year to take immediate charge of the office of the commission with the title of assistant secretary to, and director of the office of, the International Commission on Zoological Nomenclature.

The New York Zoological Park has announced the appointment of JAMES A. OLIVER as assistant director and CHARLES P. GANDAL as veterinarian. Both appointments stem from the departure of LEONARD J. GOSS, assistant director and veterinarian, who assumed the directorship of the Cleveland

Zoo on 15 May. Oliver has been curator of reptiles at the Bronx Zoo since 1951, and Gandal joined the zoo in 1952 as assistant veterinarian.

EARL INGERSON, former chief of the petrology and geochemistry branch of the U.S. Geological Survey, will join the staff of the University of Texas as professor of geology in September 1958.

CHARLES J. MERDINGER, commander, Civil Engineer Corps, U.S. Army, received the Toulmin Medal for his series of three articles entitled "Canals through the Ages," a history of canals from 3200 B.C.

MAX MYERS, director of the agricultural experiment station at South Dakota State College, has been named administrator of the U.S. Department of Agriculture's Foreign Agricultural Service, effective 1 July. He succeeds GWYNN GARNETT, administrator since early 1955, who has resigned to take a post with Pan American World Airways.

VAL W. WOODWARD, associate professor in the department of agronomy, Kansas State College, has been named professor and chairman of the department of biology at the University of Wichita, Wichita, Kansas. The department of biology is a new department at the University of Wichita, being a merger of the departments of zoology, botany, and bacteriology. ALVIN SARACHEK, of the Institute of Microbiology, Rutgers University, will also join the Wichita biology staff on 1 July.

M. R. POLLOCK of the department of bacterial physiology of the National Institute for Medical Research, London, is visiting the Laboratory of Cellular Pharmacology, National Institute of Mental Health, Bethesda, Md., until 11 June. He is giving a short course of lectures on "Specific control of enzyme formation and its possible function in the development, adaptation and evolution of living organisms."

Retirement furlough will begin this summer and fall for a number of scientists at the University of Michigan. Those scheduled to begin furlough this June and their years of service are: BRADLEY M. PATTEN, professor of anatomy and chairman of the department of anatomy, 22 years; JOHN C. BRIER, professor of chemical engineering, 38 years; LEO L. CARRICK, professor of chemical engineering, 13 years; ELIZABETH C. CROSBY, professor of anatomy, 38 years; FELIX G. GUSTAFSON, professor of botany, 38 years;

RUSSELL C. HUSSEY, professor of geology, 13 years; HUGH E. KEELER, professor of mechanical engineering, 42 years; WALTER E. LAY, professor of mechanical engineering, 39 years; and ARTHUR E. WOODHEAD, associate professor of zoology, 34 years.

Retirement furlough marks the end of regular classroom work and research activities at the university. Faculty members receive their regular academic salary for 1 year during retirement furlough.

RUTH WANSTROM, professor of pathology, will begin full retirement, effective 30 June, without retirement furlough. CHARLES B. GORDY, professor of industrial engineering, will begin full retirement, also without furlough, on 1 September 1959.

Those who began their retirement furlough during academic 1957-58 include: WALDO ABBOTT, associate professor of speech; FREDERICK A. COLLIER, professor of surgery; MAURICE W. SENSTIUS, associate professor of geology; LOUIS A. BAIER, chairman of the department of naval architecture and marine engineering; MARGARET BELL, professor of hygiene and physical education and physician in the Health Service; and THEOPHIL HILDEBRANDT, professor of mathematics and chairman of the department of mathematics.

R. RUGGLES GATES of Cambridge, Mass., is sailing shortly for England on the way to Australia for an expedition to study the aborigines. He plans also to see Melanesians in New Guinea and Maoris in New Zealand, returning across the Pacific via Samoa, Fiji, and Hawaii. Gates will give an address to the Anthropology Section of the Australian and New Zealand AAS in Adelaide at the end of August.

BERNARD SAPER, director of the counseling center and assistant professor of psychology at Northwestern University, has been appointed director of psychological services in the New York State Department of Mental Hygiene, effective 1 July. He succeeds ELAINE F. KINDER, who is leaving to devote full time at Rockland State Hospital to a follow-up study of topectomized schizophrenic patients and to completing a monograph on the personality and social development of infant chimpanzees.

PAUL M. GROSS, vice president of Duke University and president of the Oak Ridge Institute of Nuclear Studies, will become an Honorary Commander of the Civil Division of the Order of the British Empire, as a result of a recent appointment by Her Majesty, Queen Elizabeth. The award is being made to

Gross for "outstanding services to the cause of Anglo-American friendship and understanding." Gross served from 1953 until 1956 as chairman of the Southern Regional Marshall Scholarship Committee, which awarded scholarships to southern students for study in Britain.

JOHN H. VAUGHAN of the Medical College of Virginia will join the University of Rochester School of Medicine and Dentistry on 1 July to head a new section on immunology in the department of medicine. He has been appointed associate professor of medicine and assistant professor of bacteriology and immunology.

## Recent Deaths

GLENN H. ALGIRE, Washington, D.C.; former medical director of the Laboratory of Biology, National Cancer Institute; 28 Apr.

MILES H. CUBSON, Philadelphia, Pa.; 61; educator and soil conservationist; was associated with the U.S. Department of Agriculture's Soil Conservation Service in Upper Darby, Pa.; author of *Soil Management for Greenskeepers*; 4 May.

EDMOUR F. GIGUERE, New York, N.Y.; 44; electronics consultant for the Radio Corporation of America; 6 May.

SAMUEL P. HAYES, Princeton, N.J.; 83; psychologist for the blind; professor of psychology at Mount Holyoke College from 1909 to 1940; from 1940 until 1954 director of teacher training and research at the Perkins Institution and Massachusetts School for the Blind in Watertown, Mass.; 7 May.

FRANK K. SHUTTLEWORTH, New York, N.Y.; 59; psychologist; professor in the department of student life at City College; author of a number of books and papers; 9 May.

J. FISHER STANFIELD, Oxford, Ohio; 57; chairman of the department of botany at Miami University since 1944; 7 May.

JOSIAH TURNER NEWCOMB, Port Washington, N.Y.; 54; assistant vice president of Gibbs & Hill, Inc., consulting engineers in New York; administered the design of steam, electric, and hydraulic facilities of the Savannah River Project for the Atomic Energy Commission; 6 May.

CORYDON M. WASSELL, Little Rock, Ark.; 74; physician; former medical missionary in China; 12 May.

*Erratum:* In the news article, "Atomic Clock Discrepancy" [*Science* 127, 1107 (9 May 1957)], the values given for the accuracy and variation of the Atomichron are incorrect by a factor of 10. The possible accuracy of the Atomichron is 1 part in  $10^{10}$ ; the discrepancy between the American and British instruments is 9 parts in  $10^{10}$ .