

teachers in certain studies. Magnuson (D Wash.) Senate Labor and Public Welfare.

HR 4525. Amend Internal Revenue Code of 1954 *re* contributions and gifts by corporations to or for use of schools of engineering and related technical subjects. Reuss (D Wis.) House Ways and Means.

S 1087. Authorize construction of a shellfish research laboratory and experiment station in Chesapeake Bay area. Butler (R Md.) Byrd (D Va.) Senate Interstate and Foreign Commerce.

S 1109. Provide for preservation of historical and archeological data (including relics and specimens) which might otherwise be lost as result of construction of a dam. Magnuson (D Wash.) Senate Interior and Insular Affairs.

HR 4263. Provide for construction of a fish and wildlife marine laboratory and experiment station in central gulf coast area of Florida. Cramer (R Fla.) House Merchant Marine and Fisheries.

Psychiatry Professorships

The Foundations' Fund for Research in Psychiatry has announced the availability of funds for the establishment of two or possibly three research professorships for research psychiatrists in medical-school departments of psychiatry. The closing date for applications will be 31 Oct. 1958. For further information, interested departments or individuals are invited to write to the Foundations' Fund for Research in Psychiatry, 251 Edwards St., New Haven 11, Conn.

New Journals

Automation Progress, the Journal of Automatic Production and Control, vol. 2, No. 1, Jan. 1957. Leonard Hill Limited, Stratford House, 9 Eden St., London, N.W.1.

Biological Series, Publications of the Museum, Michigan State University, vol. 1, No. 1, 15 Mar. 1957. *The Least Tern in the Mississippi Valley* by John W. Hardy. Rollin H. Baker, chairman, Editorial Committee. The Museum, Michigan State University, East Lansing, Mich. Irregular, available on exchange basis.

Journal of Insect Physiology, vol. 1, No. 1, Mar. 1957. V. G. Dethier, H. E. Hinton, and M. Luscher, Eds. Pergamon Press, 122 E. 55 St., New York. Quarterly, 4 issues per vol. \$9.80 per vol.

IBM Journal of Research and Development, vol. 1, No. 1, Jan. 1957. C. B. MacKenzie, Ed. International Business Machines Corp., 590 Madison Ave., N.Y. Quarterly. \$3.50 per year.

The Journal of Solar Energy Science and Engineering, vol. 1, No. 1, Jan. 1957. Jean Jensen, Ed. Association for Applied Solar Energy, Suite 202, 3424 N. Central Ave., Phoenix, Ariz. \$10 per year.

MD Medical Newsmagazine, vol. 1, No. 1, Jan. 1957. Felix Marti-Ibanez, Ed. MD Publications, 30 E. 60 St., New York. Monthly. Free to physicians; \$7.50 year to others.

Newsletter, International Society of Aviation Writers, vol. 1, No. 1, Feb. 1957. Ross Willmot, Ed. International Society of Aviation Writers, International Aviation Building, Montreal, Canada.

Platinum Metals Review, vol. 1, No. 1, Jan. 1957. J. Bishop & Co., Platinum Works, Malvern, Pa. Quarterly.

Scientific World, vol. 1, No. 1, E. G. Edwards, Ed. World Federation of Scientific Workers, 27 Red Lion St., London, W.C.1. 2s. 6d. for 4 issues.

Smithsonian Contributions to Astrophysics, vol. 1, No. 1. *New Horizons in Astronomy*. Astrophysical Observatory, Smithsonian Institution. \$1.50 (order from Supt. of Documents, GPO, Washington 25, D.C.).

Universitas, a German Review of the Arts and Sciences, English Language Edition, vol. 2, No. 2, 1957. H. Walter Bahr, Ed. Wissenschaftliche Verlagsgesellschaft, M.B.H., Stuttgart, P.O.B. 40, Germany. Quarterly. \$4 per year.

Scientists in the News

Four Yale University faculty members in the medical and physical sciences will retire at the end of the current academic year: BERT G. ANDERSON, associate professor of surgery; ALAN M. BATEMAN, Silliman professor of geology; STUART R. BRINKLEY, associate professor of chemistry; and HERBERT S. HARNED, professor of chemistry.

Anderson, a dental surgeon, joined the Yale faculty in 1931. Educated at the University of Minnesota, where he received his D.D.S. degree in 1914, he taught in the College of Dentistry there for 8 years, with the exception of 6 months of duty as a first lieutenant in the Dental Corps of the U.S. Army. From 1920 to 1922, he specialized in oral diagnosis and oral surgery at the Earl Clinic in Minnesota and, from 1921 to 1922, was chairman of the oral diagnosis division of the College of Dentistry at the University of Minnesota.

He spent the next 7 years at the Peiping, China, Union Medical College, first as an associate in oral surgery and then as an assistant professor of oral surgery. He returned to this country as an associate professor of dentistry at Columbia University and joined the Yale faculty as an assistant professor of surgery in 1931. He was promoted to the rank of associate

professor in 1940. Since 1931 he has been associate surgeon at the New Haven Hospital and New Haven Dispensary.

Bateman, known as one of the deans of economic geology and as a mining geologist of international reputation, first joined Yale as a part-time instructor in 1913. A native of Kingston, Ont., he received his B.S. degree from Queens University in 1910, and his Ph.D. degree from Yale in 1913. He was named an instructor in geology at Yale in 1915, and the following year he was appointed assistant professor. He became an associate professor in 1922, and was promoted to the rank of professor in 1925. He was named Silliman professor in 1941. Since 1946 he has been chairman of the department of geology.

The author of two books, *Economic Mineral Deposits* and *Formation of Mineral Deposits*, he has been editor of *Economic Geology* for the past 38 years, and was assistant editor for 2 years. The chief of the Metals and Minerals Branch of the Foreign Economic Administration from 1942 to 1945, he headed a special U.S. mission to Mexico to aid in the reconstruction of the Mexican mineral industry in 1941-42. He has served as a consultant to the National Security Resources Board, to the President's Materials Policy Commission, to the Office of Defense Mobilization, to the National Science Foundation, and to a number of other governmental groups. In 1949 he was in Tokyo, Japan, as a consultant on Gen. Douglas MacArthur's staff, dealing with the reorganization of Japan's mineral industry. His research has taken him on field trips all over the world.

Brinkley started teaching chemistry at Yale in 1918. A native of Augusta, Ga., he received his B.A. degree from Emory College, his M.A. degree from Columbia, and his Ph.D. degree from Yale. He was a teacher at the Presbyterian Institute in Blackshear, Ga., from 1909 to 1911, taught science and Greek at the Morris Harvey College in Barbersville, W.Va., from 1911 to 1913, and was on the faculty of the Michigan College of Mines from 1914 to 1918, when he went to Yale as an instructor in chemistry.

Brinkley was named an assistant professor of chemistry in 1921, and was promoted to the rank of associate professor in 1928. Primarily concerned with teaching, he has been head of the freshman chemistry program at Yale since 1924 and has served on the Freshman Course of Study Committee and the Freshman Rules Committee. His book *Principles of General Chemistry* has been published in four editions, while there have been three editions of another volume, *Introductory General Chemistry*.

Harned is a specialist in electrolytic and other chemical solutions. He received his B.A., B.S., and Ph.D. degrees

from the University of Pennsylvania, where he was an instructor in chemistry from 1913 to 1917, an assistant professor from 1917 to 1926, and a professor from 1926 to 1928. He went to Yale as professor of chemistry in 1928.

An officer in chemical warfare during World War I, he directed all atomic energy research in Yale's Sterling Chemistry Laboratory in World War II and was a group leader for the university's studies under the Manhattan Project. His research on diffusion in solutions is supported by contracts with the Atomic Energy Commission.

J. HOLTGRETER, professor of zoology at the University of Rochester, is delivering this year's Jesup lectures in the department of zoology at Columbia University. He has already given the first two lectures in the series, which is on "Form and action development." The other six will be delivered on 30 Apr., and 2, 7, 9, 15, and 16 May.

MARGARET MEAD, associate curator of ethnology at the American Museum of Natural History and a member of the AAAS board of directors, has joined the faculty of the University of Cincinnati College of Medicine as a part-time visiting professor of anthropology in the department of psychiatry.

A. H. STURTEVANT of California Institute of Technology, C. S. PITTEDRIGH of Princeton University, and CHARLES L. REMINGTON of Yale University will conduct a new course on genetics and evolutionary theory during the 30th annual session of the Rocky Mountain Biological Laboratory, Crested Butte, Colo., 1 July to 10 Aug.

ROBERT Q. THOMPSON, formerly an assistant professor of agricultural and biological chemistry at Pennsylvania State University, has joined the research staff of Eli Lilly and Company, Indianapolis, as a biochemist. He is engaged in the purification and characterization of antibiotic substances obtained from fermentation broths. In addition, he is responsible for studying certain nutritional factors in small animals and poultry.

R. DUNCAN LUCE, applied mathematician, and ROBERT W. RAPOPORT, social anthropologist, will be come lecturers on social relations at Harvard University on 1 July. Luce, now directing a research project at the Bureau of Applied Social Research at Columbia University, has applied mathematical analysis to the study of behavior in small groups and to the theory of games. He is an assistant professor in mathematical statistics and sociology.

Rapoport, who is at Cornell University, will work with a mental health

training program at Harvard, jointly sponsored by the Harvard Medical School, the School of Public Health, and the Laboratory of Social Relations. Earlier, he did field work in Navajo communities of the Southwest. He is coauthor of a forthcoming book on *Community as the Doctor*.

EUGENE E. HOWE, biochemist who has been with Merck and Company, Inc., since 1941, has been appointed director of nutrition for the Merck Institute for Therapeutic Research. Howe's promotion follows the resignation of GLADYS A. EMERSON, who accepted a full professorship at the University of California, where she will head the home economics department.

WILLIAM M. CLARK, professor emeritus, department of biological chemistry, Johns Hopkins University School of Medicine, has been selected as the recipient of the \$5000 Passano Foundation award for 1957. On 5 June, during the week of the American Medical Association convention in New York, an award dinner will be held at the Waldorf-Astoria Hotel in honor of Clark. Clark is being recognized for his long and distinguished career as investigator and teacher and for his demonstration over the years of the importance of physical methods, notably in the control of pH and of oxidation-reduction, to the study of life-processes.

RUTH C. CHRISTMAN, editor of the AAAS symposium volumes, has resigned as editor of Interscience Publishers, New York, to resume her activities as free-lance editor and publishing consultant.

C. J. MOSBACHER, JR., has been appointed managing editor of Interscience. He was formerly managing editor of *Nucleonics* magazine and a consultant on atomic energy for the United Nations, where he supervised publication of the 16-volume *Proceedings of the International Conference on the Peaceful Uses of Atomic Energy*.

JOSEPH PISANI has resigned as assistant dean of the State University of New York College of Medicine in Brooklyn to become medical director of the Bankers Trust Company, New York.

Important organizational changes in the staff at Oak Ridge National Laboratory have been announced. E. D. SHIPLEY, assistant director of ORNL, has been appointed director of the newly formed Thermonuclear Experimental Division, and A. H. SNELL, director of the Physics Division, has been appointed assistant director of the laboratory.

J. L. FOWLER, associate director of the Physics Division, will succeed Snell

as director of the division. P. R. BELL, also a member of the Physics Division, will become associate director of the Thermonuclear Experimental Division.

ISADORE PERLMAN has been named chairman of the department of chemistry in a reorganization of the College of Chemistry on the Berkeley campus of the University of California. In the past the college has contained a single department of chemistry and chemical engineering and a division of chemical engineering. KENNETH PITZER has held the dual post of dean of the college and chairman of the department. CHARLES R. WILKE has been chairman of the division of engineering.

Under the reorganization there are two departments. Pitzer continues as dean of the college, with Perlman chairman of the department of chemistry and Wilke chairman of the department of chemical engineering.

Recent Deaths

WILLIAM M. ADAMS, Memphis, Tenn.; 51; head of the department of plastic surgery at the University of Tennessee Medical School; 4 Apr.

EVELIO L. BARRENA, Havana, Cuba; 57; subsecretary of health and a professor at Havana University; 2 Apr.

C. BEVERLEY BENSON, Hartsdale, N.Y.; 61; consulting engineer; 2 Apr.

ROBERT L. BENSON, Portland, Ore.; 76; professor emeritus of medicine at the University of Oregon School of Medicine.

ROBERT W. BRIGGS, Rye, N.Y.; 69; consulting engineer; former associate professor at Columbia University; 5 Apr.

HOMER C. FRITSCH, Grosse Pointe Park, Mich.; 62; analytical chemist and executive vice president and a director of Parke, Davis and Company; 8 Apr.

ARTHUR W. GRAY, Westfield, N.J.; 82; former research physicist for the National Bureau of Standards; 6 Apr.

THOMAS H. MacDONALD, College Station, Tex.; 76; retired chief of the Bureau of Public Roads and Distinguished Research Engineer at Texas Agricultural and Mechanical College; 7 Apr.

ROLAND H. PATCH, Storrs, Conn.; 68; retired professor of floriculture at the University of Connecticut; 9 Apr.

FRANK M. SIMPSON, Lewisburg, Pa.; 84; professor emeritus of physics at Bucknell University; 10 Apr.

LEONID A. UMANSKY, Schenectady, N.Y.; 66; retired manager of industrial engineering for General Electric Company; 3 Apr.

MIKHAIL M. ZAVADOVSKY, Moscow, Russia; 66; research biologist; announced 30 Mar.