

technical information systems of new design—some manually operated and some mechanized. Of the systems covered, the majority are found within the chemical industry. Copies of the report may be obtained by writing to the National Science Foundation, Washington 25, D.C.

Proposed Legislation

S 2916. Provide for grants to states to assist them to increase salaries of teachers of science in secondary schools and provide necessary equipment to use in connection with instruction of scientific subjects in such schools. Thye (R-Minn.). Senate Labor and Public Welfare.

S 2917. Promote general welfare of U.S. by providing program of scholarships for college undergraduate and graduate level education to be administered by Commissioner of Education. Thye (R-Minn.). Senate Labor and Public Welfare.

S 2956. Amend Vocational Education Act of 1946 to promote scientific education. Monroney (D-Okla.), Kerr (D-Okla.), McNamara (D-Mich.). Senate Labor and Public Welfare.

S 2957. Advance national security and welfare; promote progress of science by establishment of a U.S. Science Academy. Thurmond (D-S.C.). Senate Labor and Public Welfare.

S 2967. Provide for establishment of National Science Academy, a program of scientific scholarships; encourage study of mathematics and science by assisting States in providing science education. Gore (D-Tenn.). Senate Labor and Public Welfare.

HR 9620. Amend P.L. 874, 81st Congress, re assistance for maintenance and operation of schools in federally impacted areas, extend its effectiveness for two additional years. Auchincloss (R-N.J.). House Education and Labor.

HR 9634. Expedite utilization of television facilities in our public schools and colleges, and in adult training programs. Boggs (D-La.). House Education and Labor.

HR 9635. Provide for establishment of national program of science scholarships; provide for establishment of a program of loans to educational institutions to aid in providing adequate science facilities. Brooks (D-Tex.). House Education and Labor.

HR 9692. Provide for a scholarship program to aid in maintaining and strengthening U.S. leadership in certain fields of science and technology. Martin (R-Mass.). House Education and Labor.

HR 9830. Authorize appropriation of funds to assist States and Territories in financing a minimum foundation education program of public elementary and

secondary schools, and in reducing inequalities of educational opportunities through public elementary and secondary schools, for general welfare. Perkins (D-Ky.). House Education and Labor.

HR 9905. Authorize Secretary of Defense to grant scholarships and fellowships in scientific fields to promote defense and security of U.S. Dingell (D-Mich.). House Armed Services.

S 2994. Provide for holding a White House Conference on Aging to be called by President of U.S. before 31 December 1958, to be planned and conducted by Special Staff on Aging of the U.S. Department of Health, Education and Welfare with assistance and cooperation of other agencies of that department and of other departments and agencies represented on Federal Council of Aging; assist several states in conducting similar conferences on aging prior to White House Conference on Aging. Neuberger (D-Ore.), Kefauver (D-Tenn.). Senate Labor and Public Welfare.

Scientists in the News

ARTHUR W. MARTIN has been named program director for regulatory biology, Division of Biological and Medical Sciences, National Science Foundation. He is on leave of absence from the University of Washington, where he is professor and executive officer, department of zoology. Martin has done extensive research in physiology: cellular metabolism, muscle atrophy in mammals, blood circulation in fish, excretory processes in mollusks, and pharmacological actions of barbiturates and their antagonists.

G. B. KISTIAKOWSKY, Russian-born physical chemist who is chairman of the department of chemistry at Harvard University and a leader in the development of long-range missile propellants, has received Dickinson College's Priestley Memorial Award. The award, a Wedgewood medallion of Priestley and \$1000, is conferred each year upon a scientist for research, discovery, or production benefiting mankind.

C. N. YANG of the Institute for Advanced Study, Princeton, N.J., and 1957 Nobel prize winner in physics, and JULIAN SCHWINGER of Harvard University will spend this summer at the University of Wisconsin as members of the physics staff.

ALBERT C. ZETTLEMOYER, professor of chemistry at Lehigh University and director of the National Printing Ink Research Institute, will discuss "Molecular Interactions with the Surfaces of Solids" as a Sigma Xi national lecturer at

a number of colleges and universities during April and May. Another Sigma Xi lecturer for the same period is JOSEPH W. BEARD of Duke University School of Medicine, whose subject will be "Viruses as a Cause of Cancer."

BARRY G. KING, formerly research executive of the Medical Division, Civil Aeronautics Administration, has been named vice president, life sciences, at Operations Research Incorporated, Silver Spring, Md.

WILLIAM F. ASHE, chairman of the department of preventive medicine at the Ohio State University College of Medicine, has been named director of a 10-member team of U.S. specialists to conduct a nutrition survey in Spain at the request of the Spanish government. The survey, which will be made this spring, is the seventh of its kind to be conducted under the supervision of the Interdepartmental Committee on Nutrition for National Defense in cooperation with nations of the free world as part of the U.S. technical assistance program. The ICNND is a federal agency whose membership includes the departments of State, Defense, Agriculture, and Health, Education and Welfare; the International Cooperation Administration; and the Atomic Energy Commission.

FRANK P. McWHORTER, plant pathologist of Oregon State College, has been appointed by the Food and Agriculture Organization of the United Nations to serve as virologist to the Philippine Government to investigate the Cadang Cadang disease of coconuts. Cadang Cadang is a serious virus-like disease of unknown cause. McWhorter has had more than 25 years of experience in the study of virus diseases in Oregon and the Northwest, and in addition has made a 3-year study of plant diseases in the Philippines. His address beginning in April will be United Nations Building, Manila.

WILLIAM W. WILLMARTH, senior research fellow at California Institute of Technology and consultant to the Rand Corporation, Santa Monica, Calif., has been appointed associate professor of aeronautical engineering at the University of Michigan.

ALEXANDER SILVERMAN, professor emeritus of the University of Pittsburgh, has received the eleventh Albert Victor Bleining Memorial Award of the Pittsburgh section of the American Ceramic Society. Silverman, noted as an educator and an international authority on the chemistry of glass, is being honored for his contributions to the ceramic industry.