

# APPENDIX III

## BIOGRAPHICAL SKETCHES

### MEMBERS OF THE NATIONAL SCIENCE BOARD

- ABERLE, Sophie B. D.      Ph.D., Stanford      NEW MEXICO  
Physician and anthropologist. Special Research Director, Univ. of New Mexico. Supt., Pueblo Indians, Bureau of Indian Affairs, and Secretary of the Southwest Supervising Council, U.S. Indian Services, 1935-44. Chief, Emergency Medical Services, State Council of National Defense, New Mexico, 1942-44. Member, Div. of Medical Sciences, National Research Council, since 1944. Former research associate, Carnegie Institution of Washington.
- BARNES, Robert P.      Ph.D., Harvard      WASHINGTON, D.C.  
Chemist and educator; now Associate Professor of Chemistry at Howard Univ., with which associated since 1922. Formerly in chemistry department at Amherst.
- BARNARD, Chester I.      D.Sc., Rutgers; Univ. of Penn.      NEW YORK  
President, Rockefeller Foundation and General Education Board. Associated with American Telephone and Telegraph Company and subsidiaries until 1927. First president, New Jersey Telephone Co., 1927-1948. President, United Services Organization, 1942-45. Chairman, Executive Committee since 1945. Meritorious Civilian Service award, U.S. Navy, 1944; the President's Medal for Merit, 1946. Member, Board of Consultants to the State Department on Atomic Energy Control in 1946. Member, Presidential Special Committee on Integration of Medical Services in the Government, 1946.
- BRONK, Detlev W.      Ph.D., Univ. of Michigan      MARYLAND  
President, Johns Hopkins Univ. President, National Academy of Sciences. Coordinator of Research, Air Surgeon's Office, Headquarters Army Air Force, 1942-46. Chief, Div. of Aviation Medicine, Committee on Medical Research (OSRD), 1944-47. Vice Chairman, National Advisory Committee on Aeronautics. Member, Advisory Committee on Biology and Medicine, Atomic Energy Commission. Award for Exceptional Civilian Service, 1946.
- CONANT, James Bryant.      Ph.D., Harvard Univ.      MASSACHUSETTS  
President, Harvard University since 1933. Chairman, National Defense Research Committee (OSRD), 1941-46. Member, Educational Policies Commission, 1941-46. Member, Board of Scientific Directors, Rockefeller Inst. since 1930. Medal for Merit.
- CORI, Gerty Theresa      M.D., Prague Medical School      MISSOURI  
Biochemist, winner of Nobel Prize in medicine and physiology, 1947. Naturalized citizen of the United States since 1928. Professor of Biological Chemistry, Washington University Medical School.

DAVIS, John W. LL.D., Wilberforce U.; Howard U., WEST VIRGINIA  
President, West Virginia State College since 1919. Member, President, Hoover's Organization on Unemployment Relief. Member, National Advisory Committee on Education of Negroes. Member, Commission on Institutions of Higher Education of North Central Ass'n. of Colleges, 1936-48. Member, U.S. Office of Education Wartime Commission.

DOLLARD, Charles LL.D., University of Denver. NEW YORK  
President, Carnegie Corporation of New York, with which associated since 1938. Deputy Director for Operations Information and Educational Division, G.S.C. U. S. Army, 1944-46. Consultant to Research and Development Board, Department of Defense. Director, American Council on Race Relations.

DuBRIDGE, Lee A. Ph.D., Univ. of Wisconsin. CALIFORNIA  
President, California Institute of Technology since 1946. Physicist, educator, science administrator. Board of Trustees, Rand Corp. since 1948. Member, General Advisory Committee, U.S. Atomic Energy Commission. Member, Advisory Board, Naval Research; Advisory Board, Air Force Science. Director, Radiation Laboratory, M.I.T. (OSRD Radar Program) 1940-45. Medal for Merit, 1948.

FRED, Edwin B. Ph.D., University of Gottingen WISCONSIN  
President, Univ. of Wisconsin since 1945. Bacteriologist. Chairman, Advisory Committee on Biological Warfare, National Academy of Sciences, 1941-43. Member, National Advisory Health Council since 1945. Medal for Merit.

GROSS, Paul Magnus Ph.D., Columbia Univ. NORTH CAROLINA  
Vice Pres., Duke Univ. since January 1949. Dean, Graduate School, Duke Univ. since 1947. Director, tobacco research since 1921. Member, Board of Directors, Oak Ridge Institute of Nuclear Studies. Medal for Merit, 1948.

HUMPHREY, George Duke Ph.D., Ohio State Univ. WYOMING  
President, Univ. of Wyoming. Teacher and official, Mississippi School System, 1923-35. President, Mississippi State College, 1934-35. Consultant to Advisory Panel on Regional Materials of Instruction for TVA, 1941-44. Public member, Regional War Labor Board, 1943-45. President, Southern Ass'n. of Colleges and Secondary Schools, 1942-45. Chairman, Postwar Educational Committee, 1944-45. Member, Executive Committee, Ass'n. of Land Grant Colleges and Universities since 1944.

HYMAN, Orren Williams Ph.D., Princeton TENNESSEE  
Dean, College of Medicine, Univ. of Tennessee since 1925. Dean of Administration, Memphis Division.

LOEB, Robert F. M.D., Harvard Medical School NEW YORK  
Director of Medical Services, Presbyterian Hospital, New York, since 1947. Asso. Medical Director, Neurological Institute, 1938-41. Prof. of Medicine, Columbia Univ. since 1938. Trustee, Rockefeller Foundation. Special Consultant, Committee on Medical Research (OSRD). Chairman, Board of Coordination of Malarial Study, 1943-46. Chairman, Medical Board of Review, U.S. Atomic Energy Commission.

McLAUGHLIN, Donald H. Ph.D., Harvard CALIFORNIA  
Mining Geologist and engineer. President of Homestake Mining Company. Chief Geologist, Cerro de Pasco Copper Corporation, Peru, 1919-25; Director since 1943. Professor, Mining Engineering, Harvard, 1925-35. Chairman, Div. of Geological Sciences, Harvard, 1930-41. Dean, College of Engineering, Univ. of California, 1942-43. Chairman, Advisory Committee on Raw Materials, Atomic Energy Commission, since 1947. Chairman, National Minerals Advisory Committee (Dept. of Interior) since 1947. Member, Committee on Natural Resources, Hoover Commission, 1947-48.

MIDDLEBUSH, Frederick A. Ph.D., University of Mich. MISSOURI  
President, University of Missouri. Vice Chairman, Naval Civilian Advisory Committee, 1946. Member, Executive Committee, Association of Land Grant Colleges and Universities. Member, Citizens Committee on Reorganization of Federal Government. Chairman, Academic Advisory Board, U.S. Merchant Marine Academy, 1948-49. Member, Committee on Organization, Executive Branch of the Government, 1948. Member, Commission to Study Financing of Higher Education and Research, Service Academy Board.

MORELAND, Edward L. M.S., Mass. Inst. of Tech. MASSACHUSETTS  
Executive Vice President, M.I.T., since 1946. Member of firm, Jackson & Moreland since 1919. Regional Advisor on Engineering, U.S. Office of Education, Defense Training in Region I, 1940-42. Member, Advisory Committee for Coordinating Available Facilities for Defense Production (OPM) in Region I, 1941-42; also member, Labor Supply Committee (OPM) 1941-42. Executive Officer, National Defense Research Committee (OSRD) 1942-45. Expert consultant to Secretary of War, assigned GHQ Armed Forces in Pacific. Chief, Scientific Survey in Japan in 1945.

MORRIS, J. C. Ph.D., Princeton LOUISIANA  
Vice President, Tulane University. Director, Office of Scientific Personnel, National Research Council, 1941-43. Ass't Director, San Diego Laboratory and Associate Director, Training Program, Division of War Research, University of California, 1943-45. Personnel Procurement Officer, Applied Physics Laboratory, Johns Hopkins University, 1945.

MORSE, Harold M. Ph.D., Harvard NEW JERSEY  
Mathematician. Professor, Institute for Advanced Study, Princeton, N.J., since 1935. Consultant, Office of Chief of Ordnance, U.S. Army. Consultant, Coast and Geodetic Survey. Consultant, National Defense Research Committee (OSRD). Chairman, War Preparedness Committee, 1940-42. Meritorious Service award, U.S. Army Ordnance.

POTTER, Andrey A. D.Eng., Kansas State College INDIANA  
Dean of Engineering School and Director, Engineering Experiment Station, Purdue Univ., since 1920; Acting President, 1945-46. Consultant, U.S. Navy, since 1948. Chairman, Advisory Committee on Engineering, Science and Management Defense Training, 1940-46. Expert consultant to U.S. Office of Education, 1928-31. Executive Director, National Patent Planning Commission, 1942-45. Member, Science Advisory Board of Coordinator of Transportation, 1934-35. Member, Research Advisory Board, American Ass'n. of Railroads, since 1935.

REYNIERS, James A. M.S., Notre Dame INDIANA  
Director of Bacteriology Laboratory, University of Notre Dame. Consultant to Chemical Warfare Service; Office of Naval Research; Federal Security Agency; U.S. Public Health Service.

STAKMAN, Elvin C. Ph.D., Univ. of Minnesota MINNESOTA  
Chief, Div. of Plant Pathology and Botany, Univ. of Minnesota. Pathologist and agent, U.S. Dept. of Agriculture, since 1919. U.S. Dept. of Agriculture, National Defense, leader of rubber expedition to S. America, 1940. Member, Committee on Biology and Medicine, U.S. Atomic Energy Commission, since 1947. Vice Chairman, Div. of Biology and Agriculture, National Research Council, 1937-38, and since 1948.

WILSON, Charles E. NEW YORK  
President, General Electric Company. Director, Office of Defense Mobilization. Executive Vice President, War Production Board, 1942-44.

YANCEY, Rev. P. H., S.J. Ph.D., St. Louis ALABAMA  
Chairman, Dept. of Biology, Spring Hill College. Instructor, biology, Spring Hill College, 1919-23; St. Louis, 1930-31; Professor and Chairman of Department, Spring Hill College, since 1931.

Member Ex Officio

WATERMAN, Alan T. Ph.D., Princeton WASHINGTON, D.C.  
Director, National Science Foundation. Deputy Director and Chief Scientist, Office of Naval Research, 1946-51. Deputy Chief, Office of Field Service (OSRD), 1943-45; Chief, 1945. Associate Professor of Physics, Yale University, 1931-43.

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