APPENDIX A

National Science Board, Staff, Committees, and Advisory Panels

NATIONAL SCIENCE BOARD

Terms Expire May 10, 1966

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- ERIC A. WALKER (Chairman of the Board), President, the Pennsylvania State University, University Park, Pa.

Terms Expire May 10, 1968

- HARVEY BROOKS, Gordon McKay Professor of Applied Physics and Dean of Engineering and Applied Physics, Harvard University, Cambridge, Mass. Rufus E. Clement, President, Atlanta University, Atlanta, Ga.
- HENRY EYRING, Dean, Graduate School, University of Utah, Salt Lake City, Utah.
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- EDWARD L. TATUM, Member, the Rockefeller Institute, New York, N.Y.
- RALPH W. Tyler, Director, Center for Advanced Study in the Behavioral Sciences, Stanford, Calif.

Terms Expire May 10, 1970

- H. E. CARTER, Head, Department of Chemistry and Chemical Engineering, University of Illinois, Urbana, Ill.
- JULIAN R. GOLDSMITH, Associate Dean, Division of the Physical Sciences, University of Chicago, Chicago, Ill.
- WILLIAM W. HAGERTY, President, Drexel Institute of Technology, Philadelphia, Pa.
- MINA S. REES, Dean of Graduate Studies, the City University of New York, New York, N.Y.
- JOHN I. SNYDER, JR., Chairman of the Board and President, U.S. Industries, Inc., New York, N.Y.
- Julius A. Stratton, President, Massachusetts Institute of Technology, Cambridge, Mass.
- F. P. THIEME, Vice President, University of Washington, Seattle, Wash. (One vacancy.)

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Vernice Anderson, Secretary, National Science Board, National Science Foundation, Washington, D.C.

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Program Director for:	
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Radio Astronomy	EVERETT H HIDI BUDT

^{*}As of November 1964.

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Solar Terrestrial Research	
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Organic Chemistry	
Physical Chemistry	
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Systematic Biology	
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Biophysics	
Section Head for Physiological Processes_	
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Regulatory Biology	
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Psychobiology	HENRY S. ODBERT
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Engineering Energetics	ROYAL E. ROSTENBACH (Acting)
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Engineering Mechanics	
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ations Office	G. DON WOODWARD

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Specialized Science Education	
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Section Head for Undergraduate Educa-	
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provement	Charles A. Whitmer
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Head	TACOB PERLMAN
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Study Director for:	
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Economic Growth	
	Jr.
Concepts and Data Coordination	
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Study Director for:	, and the second
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Head	Louis Levin
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- Carroll L. Wilson, School of Industrial Management, Massachusetts Institute of Technology, Cambridge, Mass.
- Advisory Council for Manpower and Education Studies Programs
- E. C. Elting, Deputy Administrator, Agricultural Research Service, Department of Agriculture, Washington, D.C.
- Ralph C. M. Flynt, Associate Commissioner for Educational Research and Development, U.S. Office of Education, Washington, D.C.
- Joel D. Griffing, Chief Planning Officer, Selective Service System, Washington, D.C.
- Albert Kay, Director of Manpower Resources, Office of Assistant Secretary of Defense (Manpower), The Pentagon, Washington, D.C.
- Robert Lacklen, Director of Personnel, National Aeronautics and Space Administration, Washington, D.C.
- Thomas J. Mills (Chairman), Head, Manpower and Education Studies Section, National Science Foundation, Washington, D.C.
- Joseph Murtaugh, Chief, Office of Program Planning, National Institutes of Health, Department of Health, Education, and Welfare, Bethesda, Md.
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- Seymour Wolfbein, Deputy Assistant Secretary for Manpower and Statistics, Department of Labor, Washington, D.C.

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^{*} Ex officio members

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- Raymond K. Wakerling, Director, Technical Information Division, Lawrence Radiation Laboratory, University of California, Berkeley, Calif.

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- Frederick T. Haddock, Jr., The Observatory, University of Michigan, Ann Arbor, Mich.
- Edward F. McClain, U.S. Naval Research Laboratory, Washington, D.C.

- Bengt G. Strömgren, Institute for Advanced Study, Princeton University, Princeton, N.J.
- Merle F. Walker, Lick Observatory, University of California, Mount Hamilton, Calif.

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- Richard M. Goody (Chairman), Department of Engineering and Applied Physics, Harvard University, Cambridge, Mass.
- Francis S. Johnson, Graduate Research Center, Dallas, Tex.
- Cecil E. Leith, Jr., Lawrence Radiation Laboratory, University of California, Livermore, Calif.

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- William Eberhardt, School of Chemistry, Georgia Institute of Technology, Atlanta, Ga.

- H. S. Gutowsky, Department of Chemistry, University of Illinois, Urbana, Ill.
- George Hammond, Department of Chemistry, California Institute of Technology, Pasadena, Calif.
- Harold Hart, Department of Chemistry, Michigan State University, East Lansing, Mich.
- Werner Herz, Department of Chemistry, Florida State University, Tallahassee, Fla.
- Terrell L. Hill, Department of Chemistry, University of Oregon, Eugene, Oreg.
- Jacob Kleinberg, Department of Chemistry, University of Kansas, Lawrence, Kans.
- Kurt Mislow, Department of Chemistry, New York University, New York, N.Y.
- George Morrison, Department of Chemistry, Cornell University, Ithaca, N.Y.
- B. S. Rabinovitch, Department of Chemistry, University of Washington, Seattle, Wash.
- L. B. Rogers, Department of Chemistry, Purdue University, Lafayette, Ind.
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- Samuel Eilenberg, Department of Mathematics, Columbia University, New York, N.Y.
- Ralph W. Gerard, University of California, Irvine, Calif.
- William B. Shockley, Applied Electronics Laboratory, Stanford University, Stanford, Calif.
- Robert R. Shrock, Department of Geology and Geophysics, Massa-

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- S. L. Washburn, Department of Anthropology, University of California, Berkeley, Calif.
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- Anton Lang, Division of Biology, California Institute of Technology, Pasadena, Calif.
- David M. Prescott, University of Colorado Medical Center, Denver, Colo.
- M. N. Runner, Department of Biology, University of Colorado, Boulder, Colo.
- John W. Saunders, Jr., Department of Biology, Marquette University, Milwaukee, Wis.
- Herbert Stern, Department of Botany, University of Illinois, Urbana, Ill.
- A. Sussman, Department of Botany, University of Michigan, Ann Arbor, Mich.
- Hewson Swift, Department of Zoology, University of Chicago, Chicago, Ill.
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- Albert E. J. Engel, Department of Earth Sciences, University of California, San Diego, La Jolla, Calif.
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- Jack E. Oliver, Lamont Geological Observatory, Columbia University, Palisades, N.Y.
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- William L. Garrison, Department of Geography, Northwestern University, Evanston, Ill.

- of Economics, University of Texas, Austin, Tex.
- John A. Nordin, Department of Economics, Kansas State University, Manhattan, Kans.
- Roy Radner, Department of Economics, University of California, Berkeley, Calif.
- Daniel B. Suits, Department of Economics, University of Michigan, Ann Arbor, Mich.
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- Rudolf Herman, University of Alabama Research Center, Huntsville, Ala.
- Walter R. Hibbard, Manager, Metallurgy and Ceramics Research Department, General Electric Co., Schenectady, N.Y.
- Stothe P. Kezios, Director, Heat Transfer Laboratory, Illinois Institute of Technology, Chicago, Ill.
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- John L. Moll, Electrical Engineering Department, Stanford University, Stanford, Calif.
- Max S. Peters, Dean of Engineering, University of Colorado, Boulder, Colo.
- John R. Ragazzini, College of Engineering, New York University, New York, N.Y.
- Samuel Seely, Department of Electrical Engineering, Case Institute of Technology, Cleveland, Ohio.

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- John Whinnery (Chairman), Bell Telephone Laboratories, Murray Hill, N.J.
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- John E. Cantlon, Department of Botany and Plant Pathology, Michigan State University, East Lansing, Mich.
- W. Thomas Edmondson, Department of Zoology, University of Washington, Seattle, Wash.
- Donald S. Farner, Department of Zoology, Washington State University, Pullman, Wash.
- Robert F. Inger, Chicago Natural History Museum, Chicago, Ill.
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- Gordon Riley, Bingham Oceanographic Laboratory, Yale University, New Haven, Conn.
- Frederick E. Smith, Department of Zoology, University of Michigan, Ann Arbor, Mich.
- Edward O. Wilson, Biological Laboratories, Harvard University, Cambridge, Mass.
- Advisory Panel for Genetic Biology
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