

Originally Processed With FOIA(s):
2005-0336-F

FOIA Number:
2005-0336-F

FOIA MARKER

**This is not a textual record. This is used as an
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Record Group/Collection:	George H.W. Bush Presidential Records
Collection/Office of Origin:	Counsels Office, White House
Series:	Staffing and Structure File
Subseries:	Boards, Commissions, Courts, Councils, Committees File

OA/ID Number:	20170
Folder ID Number:	20170-005

Folder Title:
President's Council of Science and Technology Advisors [3]

Stack:	Row:	Section:	Shelf:	Position:
G	11	28	2	3

1501 PAGE MILL ROAD
PALO ALTO, CALIFORNIA 94304



Mr. C. Boyden Gray
Counsel to the President
The White House
Washington, D.C. 20500



Mr. C. Boyden Gray
Counsel to the President
The White House
Washington, D.C. 20500



Documents originally attached to following page.

1/8

Please add to
file on President's
Council of Science
& Technology
Advisors.
Dina

few,

Does this
need to be
reflected in
waiver?

Dina

2/12

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01. Letter	To: Boyden Gray From: David Packard Re: Financial interests [personal information redacted] (1 pp.)	2/6/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Counsels Office, White House
Series: Staffing and Structure Files
Subseries: Boards, Commissions, Courts, Councils, Committees Files
WHORM Cat.:
File Location: President's Council of Science and Technology Advisors [3]

Date Closed:	1/4/2010	OA/ID Number:	20170-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
P-3 Release would violate a Federal statute [(a)(3) of the PRA]
P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
(b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
(b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
(b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
(b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
(b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
(b)(9) Release would disclose geological or geophysical information

Document originally attached to following page.

THE WHITE HOUSE
WASHINGTON

Date 11/4

TO: Dine

FROM: AMY L. SCHWARTZ
Associate Counsel to the President

- ☐ Per your request
- ☐ FYI
- ☐ For review and comment
- ☐ For appropriate action
- ☐ For approval
- ☐ For signature
- ☒ Please add to the Financial File

of PCAST

*President's Council
of Science & Technology
Advisors*

Thls

E-PCAST

THE WHITE HOUSE

Office of the Press Secretary
(Knoxville, Tennessee)

For Immediate Release

February 2, 1990

The President today announced the appointment of the President's Council of Advisers on Science and Technology (PCAST), comprised of 12 distinguished scientists and engineers. This panel will provide high-level advice directly to the President on a wide range of important issues concerning science and technology.

PCAST will be the first Presidential scientific advisory group in many years to report directly to the President. Its establishment is a measure of the Bush Administration's high esteem for science and a recognition that advances in science and technology contribute in a major way to increased economic competitiveness. It also reflects the President's desire to strengthen Federal science and technology policy, enhance Federal research and development activities, and encourage private sector involvement in research and development.

The United States scientific community leads the world in creating new knowledge. Through PCAST, the President is seeking to provide the best obtainable private sector advice to Executive Branch decision-making in science and technology.

PCAST will be chaired by Dr. D. Allan Bromley, Assistant to the President for Science and Technology. A list of the members and their affiliations is attached, along with a fact sheet on science and technology accomplishments in the Bush Administration.

PCAST was established January 19, 1990, by Executive Order 12700. Its members will be sworn in later today by the Vice President at the White House.

-more-

NORMAN E. BORLAUG

Nobel Laureate Borlaug, of Texas, is currently leader of the Sasakawa-Global-2000 agricultural program in sub-Saharan Africa, Distinguished Professor of International Agriculture at Texas A&M University, and a Senior Consultant to CIMMYT. He was Director of the Wheat Research and Production Program of the International Maize and Wheat Improvement Center, Mexico, from 1964 until his retirement in 1979.

Dr. Borlaug's career began in 1935 in the U.S. Forest Service, and he subsequently worked as an instructor in plant pathology at the University of Minnesota in 1941, where he received his Ph.D. From 1942 through 1944 he was a microbiologist with the E. I. DuPont de Nemours & Co.. He also served as research scientist in charge of wheat improvement with the Cooperative Mexican Agricultural Program, Mexican Ministry of Agriculture and the Rockefeller Foundation, 1944-60, and later, as Associate Director of the Foundation assigned to the Inter-American Food Crop Program, 1960-63.

D. ALLAN BROMLEY, CHAIRMAN

D. Allan Bromley, of Connecticut, is Assistant to the President for Science and Technology and Director of the Office of Science and Technology Policy (OSTP).

Dr. Bromley carried out pioneering studies on both the structure and dynamics of nuclei and is considered the father of modern heavy ion science. He has played major roles in the development of accelerators, of detection systems, and in computer based data acquisition and analysis systems. He is currently on leave from his position as Henry Ford II Professor of Physics at Yale University, where he was founder and Director of the A.W. Wright Nuclear Structure Laboratory.

Dr. Bromley has been a leader in the national and international science and science policy communities for more than 20 years, serving as a member of the White House Science Council throughout the Reagan Administration and as a member of the National Science Board in 1988-89. He received the President's National Medal of Science in 1988 and the Presidential Medal of the New York Academy of Sciences in 1989. He has served as President of the American Association for the Advancement of Science and of the International Union of Pure and Applied Physics.

Dr. Bromley received the B.Sc. degree in 1948 at Queen's University, Canada, the M.Sc. degree from Queen's University in 1950, and the Ph.D. degree in nuclear physics from the University of Rochester in 1952. He has since been awarded 10 honorary doctorates.

SOLOMON J. BUCHSBAUM

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Dr. Buchsbaum is a member of the National Academy of Sciences and of the National Academy of Engineering. He was the recipient of the President's National Medal of Science in 1986.

CHARLES L. DRAKE

Charles L. Drake, of Vermont, has been the Albert Bradley Professor of Earth Sciences at Dartmouth since 1984 and Professor of Geology since 1969. Dr. Drake's professional career began at Columbia University in 1953. He joined the staff at Dartmouth in 1958 after receiving his Ph.D. in geology from Columbia University where he has continued his career, including service as Professor and Chairman of the Department, 1967-69; as Dean of Graduate Studies and as Associate Dean of the Science Department, 1978-81.

Dr. Drake is a recipient of the G. P. Woollard Award, Geophysical Division of the Geological Society of America.

RALPH E. GOMORY

Ralph E. Gomory, of New York, is President of the Sloan Foundation and, until his recent retirement, was Senior Vice President for Science and Technology, IBM Corporation. He received his Ph.D. in mathematics from Princeton in 1954.

Dr. Gomory's professional experience includes teaching and research at Princeton from 1957-59. In 1959, he joined the Research Division of IBM and was named Director of the Mathematical Sciences Department in 1965. In 1970 he became IBM Director of Research and held that position until 1985, becoming IBM Vice President in 1973, Senior Vice President in 1985, and IBM Senior Vice President for Science and Technology in 1986. He has been awarded a number of honorary degrees and prizes, including the John von Neumann Theory Prize in 1984 and the National Medal of Science in 1988.

BERNADINE HEALY, VICE CHAIRMAN

Bernadine Healy, of Ohio, is Chairman of the Research Institute of The Cleveland Clinic Foundation, a position she assumed in 1985, and is a staff member of the Clinic's Department of Cardiology. Prior to that time, she was Deputy Director of the Office of Science and Technology Policy at the White House, and until that appointment had been a Professor at The Johns Hopkins University School of Medicine and Hospital. Dr. Healy received her medical degree from Harvard Medical School in 1970. Her medical career continued at Johns Hopkins from 1976 to 1984, where she was Professor of Cardiology and Medicine, Director of the Coronary Care Unit, and Assistant Dean for Postdoctoral Programs and Faculty Development.

Dr. Healy is a member of the Institute of Medicine of the National Academy of Sciences. She is the immediate Past President of the American Heart Association and a former President of the American Federation for Clinical Research.

PETER W. LIKINS

Peter W. Likins, of Pennsylvania, has been President of Lehigh University since 1982. His professional career began as a development engineer with the Jet Propulsion Laboratory, California Institute of Technology, in 1958. In 1964 he joined the faculty at the University of California, Los Angeles, where he became Professor of Engineering and later, Associate Dean. Dr. Likins received his Ph.D. in engineering mechanics from Stanford in 1965. In 1976 he became Professor and Dean of Columbia University, serving until 1980, when he became Provost of the University.

THOMAS E. LOVEJOY

Thomas E. Lovejoy, of Virginia, is the Assistant Secretary for External Affairs, The Smithsonian Institution. His previous experience includes service as a research assistant at the University of Pennsylvania, 1971-74, after receiving his Ph.D. in biology from Yale University in 1971; as Executive Assistant to the Science Director and as Assistant to the Vice President for Resources and Planning of the Academy of Natural Sciences, 1972-73; as the Vice President for Science of the World Wildlife Fund-U.S., 1973-87; and as Executive Vice President, 1985-89.

Dr. Lovejoy is President of the Society for Conservation Biology.

WALTER E. MASSEY

Walter E. Massey, of Illinois, has been the Vice President of the University of Chicago for Research and for Argonne National Laboratory since 1984. He has also been Professor of Physics at the University since 1979.

Dr. Massey previously served as a physics instructor at Morehouse College, 1958-59; and after receiving his Ph.D. in physics from Washington University in 1966, as a staff physicist with the Argonne National Laboratory until 1968; as Assistant Professor of Physics, University of Illinois, Urbana, 1968-70; Associate Professor of Physics and Dean of the College, Brown University, 1975-79. He is Vice President, and President-elect, of the American Physical Society and is the Past President and Chairman of the American Association for the Advancement of Science.

JOHN P. MCTAGUE

John P. McTague, of Michigan, is Vice President-Research, Ford Motor Company, and has served in that position since 1986.

In 1983 Dr. McTague was appointed Deputy Director of the Office of Science and Technology Policy, becoming Acting Science Advisor to the President and Acting Director of OSTP in 1986. Prior to that, he was Chairman of the National Synchrotron Light Source Department, Brookhaven National Laboratory, 1982-83. He was Professor of Chemistry and a member of the Institute of Geophysics and Planetary Physics, University of California, Los Angeles, 1970-82. Dr. McTague began his professional career as a member of the Technical Staff, North American Aviation Science Center, on receiving his Ph.D. in physical chemistry from Boston University, and remained there until 1970. He is U.S. Chairman of the U.S. Japan Joint High Level Advisory Panel on Cooperation in Research and Development in Science and Technology.

DANIEL NATHANS

Nobel Laureate Nathans, of Maryland, is Professor of Molecular Biology and Genetics at The Johns Hopkins University Medical School and Senior Investigator of the Howard Hughes Medical Institute. He has been on the faculty of The Johns Hopkins University Medical School since 1962.

After receiving his Medical Degree from Washington University in 1954, he served as Medical Resident at the Columbia-Presbyterian Medical Center in New York, 1955, 1957-59; as Clinical Associate at the National Cancer Institute, 1955-57, and Guest Investigator in biochemistry at the Rockefeller University, 1959-62.

Dr. Nathans received the Nobel Prize in Physiology or Medicine in 1978 for his research with enzymes that cut DNA into specific pieces, one of the basic tools of genetic engineering.

DAVID PACKARD

David Packard, of California, has been Chairman of the Board of the Hewlett-Packard Co. since 1972. Mr. Packard received his B.A. and B.S.E.E. degrees from Stanford University in 1934 and 1939, respectively.

His professional experience includes service as an engineer with the Vacuum Tube Engineering Department, GE Co., 1936-38; co-founder and partner, the Hewlett-Packard Co., 1939-47; President, 1947-64; and Chairman and Chief Executive Officer, 1964-69. Prior to his present position, Mr. Packard served as U.S. Deputy Secretary of Defense from 1969-71.

Mr. Packard received the Vannevar Bush Award of the National Science Board in 1987 and the President's National Medal of Technology and the Presidential Medal of Freedom in 1988.

HAROLD T. SHAPIRO

Harold T. Shapiro, of New Jersey, has been President of Princeton University since 1988.

Dr. Shapiro's previous academic experience has been with the University of Michigan, after receiving his Ph.D. in economics from Princeton in 1964, first as an Assistant Professor of Economics. His career progressed from Associate Professor, 1967-70; Professor, 1970-76; Chairman of the Department of Economics, 1974-77; Professor of Economics and Public Policy, 1977; Vice President for Academic Affairs, 1977-79.

Dr. Shapiro was President of the University of Michigan from 1980 until 1987. He has served as a member of many industrial, governmental and academic boards and commissions.

#

EXECUTIVE ORDER

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PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY

By the authority vested in me as President by the Constitution and laws of the United States of America, and in order to establish, in accordance with the provisions of the Federal Advisory Committee Act, as amended (5 U.S.C. App. 2), an advisory committee on science and technology, it is hereby ordered as follows:

Section 1. Establishment. There is established the President's Council of Advisors on Science and Technology ("Council"). The Council shall be composed of not more than 15 members, one of whom shall be the Director of the Office of Science and Technology Policy, and 14 of whom shall be distinguished individuals from the private sector to be appointed by the President. The Director of the Office of Science and Technology Policy shall serve as Chairman of the Council. The Vice Chairman shall be appointed by the President from among the 14 private sector members. The Chairman shall report directly to the President.

Sec. 2. Functions. (a) The Council shall advise the President on matters involving all areas of science and technology.

(b) In the performance of its advisory duties the Council shall conduct a continuing review and assessment of developments in science and technology, and shall, through the Chairman, report thereon to the President whenever requested.

(c) The Chairman may, from time to time, invite experts to investigate and report to the Council on specific issues of national consequence.

Sec. 3. Administration. (a) The heads of Executive agencies shall, to the extent permitted by law, provide the Council and its panels such information with respect to scientific and technological matters as required for the purpose of carrying out its functions.

(b) Members of the Council shall serve without any compensation for their work on the Council. However, members appointed from among private citizens of the United States may be allowed travel expenses, including per diem in lieu of subsistence, as authorized by law for persons serving intermittently in the Government service (5 U.S.C. 5701-5707).

(c) Any expenses of the Council shall be paid from the funds available for the expenses of the Office of Science and Technology Policy.

(d) The Office of Administration shall, on a reimbursable basis, provide such administrative services as may be required.

Sec. 4. General. (a) Notwithstanding any other Executive order, the functions of the President under the Federal Advisory Committee Act, as amended, except that of reporting to the Congress, which are applicable to the Council, shall be performed by the Office of Administration in accord with the guidelines and procedures established by the Administrator of General Services.

(b) The Council shall terminate on June 30, 1991, unless sooner extended.

THE WHITE HOUSE,

E-PLAST

J. A. Brumley
6/12/89new
→

EXECUTIVE ORDER

of ADVISORS

PRESIDENT'S COMMITTEE ON SCIENCE AND TECHNOLOGY

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("Committee"). The Committee shall be composed of not more than 15 members appointed by the President. The Director of the Office of Science and Technology Policy shall serve as Chairman of the Committee. The Vice-Chairman shall be appointed by the President from among the 15 members. *The Committee*

Sec. 2. Functions. (a) The Committee shall advise the President on matters ^{involving} ~~in~~ the areas of science and technology.

(b) In the performance of its advisory duties the Committee shall conduct a continuing review and assessment of developments in science and technology, and shall report thereon to the President whenever requested *when it deems such*

reporting to be appropriate Sec. 3. Administration. The heads of Executive agencies shall, to the extent permitted by law, provide the Committee such information with respect to scientific and technological matters as the Committee requires for the purpose of carrying out its functions.

P33
P.34
leading scientists,
engineers
and distinguished
executives
from the
private sector.

Shall report directly to the President.

(b) Members of the Committee shall serve without any compensation for their work on the Committee. However, they shall be entitled to travel expenses, including per diem in lieu of subsistence, as authorized by law for persons serving intermittently in the government service (5 U.S.C. 5701-5707).

(c) Any expenses of the Committee shall be paid from the funds available for the Expenses of the Office of Science and Technology Policy.

Sec. 4. General. Notwithstanding any other Executive order, the responsibilities of the President under the Federal Advisory Committee Act, as amended, shall be performed by the Chairman of the Committee, except that, the Administrator of General Services shall, on a reimbursable basis, provide such administrative services as may be required.

(b) The Committee shall terminate on June 30, 1991, unless sooner extended.

THE WHITE HOUSE,

I of II

- Materials from each member
- Final versions of clearance memos & waivers.

Basic
Materials.

Documents originally attached to following page.

2/3 Please add
contents to
the file for
The President's
Council on Science
& Technology
Policy.

Tom:

This came in this
afternoon.

Do we have a file
on PCAST?

If not, we can use this
folder -

Jerry

THE WHITE HOUSE
WASHINGTON

October 18, 1989

MEMORANDUM FOR LLEWELLYN M. FISCHER

FROM: DIANA C. KENDRICK *sch*

Attached for your review is the financial file for the following:

President's Council of Science and Technology Advisors:

Solomon Buchsbaum
John P. McTague
Peter Likins
Charles Lum Drake
Bernadine Patricia Healy
Daniel Nathans
Harold T. Shapiro
Norman Borlaug

Lew, Amy would like you to coordinate these reviews with her.

Thank you.

10/26
Ben
AS noted, please
check with Amy
on this.
Lew

PCAST

THE WHITE HOUSE

WASHINGTON

Full fields
required
PDS only

DATE: 8.14 1991

PT: 00

MEMORANDUM FOR JANE DANNENHAUER
SUE AUTHER
KATJA BULLOCK

FROM: REBECCA ARMENDARIZ
OFFICE OF PRESIDENTIAL PERSONNEL
Room 145, X6570

Please initiate appropriate clearance for the following
prospective appointee(s) for Presidential Boards and Commissions:

oh Solomon JAN Buchsbaum

oh John Paul McTAGUE

~~oh~~ William Likins

THOMAS EUGENE LOVEJOY

Ralph Edward Gomory

oh CHARLES Lum DRAKE

DAVID (NMN) PACKARD

oh BERNADINE PATRICIA HEALY

oh DANIEL (NMN) NATHANS

Who are under consideration for appointment as Member(s) of:

PRESIDENT'S Council OF SCIENCE and
Technology Advisors

Jan Naylor, Associate Director, Rm. 147, x 7590

President Approved: _____

PDS sent: _____ OLA cleared: _____

Counsel Clearance: _____

THE WHITE HOUSE

WASHINGTON

DATE: 8.14

8:12

MEMORANDUM FOR JANE DANNENHAUER
SUE AUTHER
KATJA BULLOCK

FROM: REBECCA ARMENDARIZ
OFFICE OF PRESIDENTIAL PERSONNEL
Room 145, X6570

Please initiate appropriate clearance for the following
prospective appointee(s) for Presidential Boards and Commissions:

Mr HAROLD TAFLER SHAPIRO
WALTER EUGENE MASSEY
OR NORMAN ERNEST BORLAUG

Who are under consideration for appointment as Member(s) of:

PRESIDENT'S COUNCIL OF SCIENCE
and Technology Advisors

Jan Naylor, Associate Director, Rm. 147, x 7590

President Approved: _____

PDS sent: _____ OLA cleared: _____

Counsel Clearance: _____

THE WHITE HOUSE

WASHINGTON

December 21, 1989

MEMORANDUM FOR LLEWELLYN M. FISCHER

FROM:

DIANA C. KENDRICK *Del*

For your information, the full field investigation is complete for:

Ralph Gomory - President's Council of Science and Technology Advisors.

Thank you.

12/22

*BEA -
FYI
Del*

EXECUTIVE ORDER

L. FISCHER
BEN

PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY

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Dr. Healy is a member of the Institute of Medicine of the National Academy of Sciences. She is the immediate Past President of the American Heart Association and a former President of the American Federation for Clinical Research.

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Peter W. Likins, of Pennsylvania, has been President of Lehigh University since 1982. His professional career began as a development engineer with the Jet Propulsion Laboratory, California Institute of Technology, in 1958. In 1964 he joined the faculty at the University of California, Los Angeles, where he became Professor of Engineering and later, Associate Dean. Dr. Likins received his Ph.D. in engineering mechanics from Stanford in 1965. In 1976 he became Professor and Dean of Columbia University, serving until 1980, when he became Provost of the University.

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Thomas E. Lovejoy, of Virginia, is the Assistant Secretary for External Affairs, The Smithsonian Institution. His previous experience includes service as a research assistant at the University of Pennsylvania, 1971-74, after receiving his Ph.D. in biology from Yale University in 1971; as Executive Assistant to the Science Director and as Assistant to the Vice President for Resources and Planning of the Academy of Natural Sciences, 1972-73; as the Vice President for Science of the World Wildlife Fund-U.S., 1973-87; and as Executive Vice President, 1985-89.

Dr. Lovejoy is President of the Society for Conservation Biology.

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Walter E. Massey, of Illinois, has been the Vice President of the University of Chicago for Research and for Argonne National Laboratory since 1984. He has also been Professor of Physics at the University since 1979.

Dr. Massey previously served as a physics instructor at Morehouse College, 1958-59; and after receiving his Ph.D. in physics from Washington University in 1966, as a staff physicist with the Argonne National Laboratory until 1968; as Assistant Professor of Physics, University of Illinois, Urbana, 1968-70; Associate Professor of Physics and Dean of the College, Brown University, 1975-79. He is Vice President, and President-elect, of the American Physical Society and is the Past President and Chairman of the American Association for the Advancement of Science.

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John P. McTague, of Michigan, is Vice President-Research, Ford Motor Company, and has served in that position since 1986.

In 1983 Dr. McTague was appointed Deputy Director of the Office of Science and Technology Policy, becoming Acting Science Advisor to the President and Acting Director of OSTP in 1986. Prior to that, he was Chairman of the National Synchrotron Light Source Department, Brookhaven National Laboratory, 1982-83. He was Professor of Chemistry and a member of the Institute of Geophysics and Planetary Physics, University of California, Los Angeles, 1970-82. Dr. McTague began his professional career as a member of the Technical Staff, North American Aviation Science Center, on receiving his Ph.D. in physical chemistry from Boston University, and remained there until 1970. He is U.S. Chairman of the U.S. Japan Joint High Level Advisory Panel on Cooperation in Research and Development in Science and Technology.

DANIEL NATHANS

Nobel Laureate Nathans, of Maryland, is Professor of Molecular Biology and Genetics at The Johns Hopkins University Medical School and Senior Investigator of the Howard Hughes Medical Institute. He has been on the faculty of The Johns Hopkins University Medical School since 1962.

After receiving his Medical Degree from Washington University in 1954, he served as Medical Resident at the Columbia-Presbyterian Medical Center in New York, 1955, 1957-59; as Clinical Associate at the National Cancer Institute, 1955-57, and Guest Investigator in biochemistry at the Rockefeller University, 1959-62.

Dr. Nathans received the Nobel Prize in Physiology or Medicine in 1978 for his research with enzymes that cut DNA into specific pieces, one of the basic tools of genetic engineering.

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David Packard, of California, has been Chairman of the Board of the Hewlett-Packard Co. since 1972. Mr. Packard received his B.A. and B.S.E.E. degrees from Stanford University in 1934 and 1939, respectively.

His professional experience includes service as an engineer with the Vacuum Tube Engineering Department, GE Co., 1936-38; co-founder and partner, the Hewlett-Packard Co., 1939-47; President, 1947-64; and Chairman and Chief Executive Officer, 1964-69. Prior to his present position, Mr. Packard served as U.S. Deputy Secretary of Defense from 1969-71.

Mr. Packard received the Vannevar Bush Award of the National Science Board in 1987 and the President's National Medal of Technology and the Presidential Medal of Freedom in 1988.

HAROLD T. SHAPIRO

Harold T. Shapiro, of New Jersey, has been President of Princeton University since 1988.

Dr. Shapiro's previous academic experience has been with the University of Michigan, after receiving his Ph.D. in economics from Princeton in 1964, first as an Assistant Professor of Economics. His career progressed from Associate Professor, 1967-70; Professor, 1970-76; Chairman of the Department of Economics, 1974-77; Professor of Economics and Public Policy, 1977; Vice President for Academic Affairs, 1977-79.

Dr. Shapiro was President of the University of Michigan from 1980 until 1987. He has served as a member of many industrial, governmental and academic boards and commissions.

#



SCHEDULE OF THE PRESIDENT

Saturday, February 3, 1990

B Camp David

10:30 am
(3 hrs)

Meeting with Science Advisory
Group

(Bromley)

UNP 02/02/90
1:00 pm

THE WHITE HOUSE
WASHINGTON

February 1, 1990

INAUGURAL MEETING OF THE
PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY (PCAST)

DATE: Saturday, February 3, 1990
LOCATION: Camp David, Maryland
TIME: 10:30 a.m. to 1:30 p.m.
FROM: D. ALLAN BROMLEY



I. PURPOSE

To hold the inaugural meeting of the President's Council of Advisors on Science and Technology (PCAST).

II. BACKGROUND

You established the Council by Executive Order No. 12700 to advise you on all matters of science and technology. Members are drawn from the private sector and are appointed by you. The Assistant to the President for Science and Technology Policy, Dr. D. Allan Bromley, serves as the Chairman. You have selected Bernadine Healy, M.D. from among the members of the Council to serve as Vice Chairman.

III. PARTICIPANTS

The President
The Vice President
The Chief of Staff to the President
The Director of the Office of Management and Budget
The Chairman of the Council of Economic Advisers
The Assistant to the President for Science and Technology
The Chairman of the Council on Environmental Quality

Members of the PCAST (names and affiliations attached)

IV. PRESS PLAN

White House Photographer only.

V. SEQUENCE OF EVENTS

(Meeting agenda attached)

10:30 a.m. Meeting begins

12:00 noon Break

12:15 p.m. Working Lunch

1:30 p.m. Meeting ends

Attachments

Tab A Listing of the Members of the PCAST

Tab B Meeting Agenda

Tab C Talking Points

**THE PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY
(PCAST)**

NORMAN BORLAUG, Distinguished Professor, Department of Soils and Crop Sciences, Texas A&M University

D. ALLAN BROMLEY, Assistant to the President for Science and Technology, Executive Office of the President (**Chairman**)

SOLOMON J. BUCHSBAUM, Senior Vice President, Technology Systems, AT&T Bell Laboratories

CHARLES L. DRAKE, Albert Bradley Professor of Earth Sciences and Professor of Geology, Dartmouth College

RALPH E. GOMORY, President, The Alfred P. Sloan Foundation

BERNADINE P. HEALY, Chairman of the Research Institute, The Cleveland Clinic Foundation (**Vice-Chairman**)

PETER LIKINS, President, Lehigh University

THOMAS E. LOVEJOY, Assistant Secretary for External Affairs, Smithsonian Institution

WALTER T. MASSEY, Vice President for Research and for Argonne National Laboratory, University of Chicago

JOHN P. McTAGUE, Vice President-Research, Ford Motor Company

DANIEL NATHANS, Professor of Molecular Biology and Genetics, Johns Hopkins University School of Medicine

DAVID PACKARD, Chairman of the Board, Hewlett-Packard Company

HAROLD T. SHAPIRO, President, Princeton University

**Nominees for Membership on the
President's Council of Advisors
on Science and Technology
(PCAST)**

NORMAN E. BORLAUG

Nobel Laureate Borlaug is currently leader of the Sasakawa-Global-2000 agricultural program in sub-Saharan Africa, Distinguished Professor of International Agriculture at Texas A&M University, and a Senior Consultant to CIMMYT.

He was Director of the Wheat Research and Production Program of the International Maize and Wheat Improvement Center, Mexico, from 1964 until his retirement in 1979.

Dr. Borlaug's career began in 1935 in the U.S. Forest Service, and he subsequently worked as an instructor in plant pathology at the University of Minnesota in 1941, where he received his Ph.D. in plant pathology in 1942. From 1942 through 1944 he was a microbiologist with the E. I. DuPont de Nemours & Co.. He also served as research scientist in charge of wheat improvement with the Cooperative Mexican Agricultural Program, Mexican Ministry of Agriculture and the Rockefeller Foundation, 1944-60, and later, as Associate Director of the Foundation assigned to the Inter-American Food Crop Program, 1960-63.

SOLOMON J. BUCHSBAUM

Solomon J. Buchsbaum has been Senior Vice President, Technology Systems, at AT&T Bell Laboratories since 1979.

Dr. Buchsbaum's early career included work at the MIT Research Laboratory of Electronics. After receiving his Ph.D. in physics from the Massachusetts Institute of Technology in 1957, he joined Bell Laboratories in 1958 as a member of the technical staff and later became department head and director of the Electronics Research Laboratory. In 1968, Dr. Buchsbaum was named Vice President for Research at the Sandia Laboratories and served there in a number of different capacities. He returned to Bell Laboratories in 1971 as an Executive Director. In 1976 he became Vice President, Network Planning and Customer Systems.

Dr. Buchsbaum is a member of the National Academy of Sciences and of the National Academy of Engineering. He was the recipient of the President's National Medal of Science in 1986.

CHARLES L. DRAKE

Charles L. Drake has been the Albert Bradley Professor of Earth Sciences at Dartmouth since 1984 and Professor of Geology since 1969. Dr. Drake's professional career began at Columbia University in 1953. He joined the staff at Dartmouth College in 1958 after receiving his Ph.D. in geology from Columbia University where he has continued his career, including service as Professor and Chairman of the Department, 1967-69; as Dean of Graduate Studies and as Associate Dean of the Science Department, 1978-81.

Dr. Drake is a recipient of the G. P. Woollard Award, Geophysical Division of the Geological Society of America.

RALPH E. GOMORY

Ralph E. Gomory is President of the Sloan Foundation and, until his recent retirement, was Senior Vice President for Science and Technology, IBM Corporation. He received his Ph.D. in mathematics from Princeton University in 1954.

Dr. Gomory's professional experience includes teaching and research at Princeton University, 1957-59. In 1959, he joined the Research Division of IBM and was named Director of the Mathematical Sciences Department in 1965. In 1970 he became IBM Director of Research and held that position until 1985, becoming IBM Vice President in 1973, Senior Vice President in 1985, and IBM Senior Vice President for Science and Technology in 1986. He has been awarded a number of honorary degrees and prizes including the John von Neumann Theory Prize in 1984 and the President's National Medal of Science in 1988.

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MEETING AGENDA

Inaugural Meeting of the President's Council of Advisers on Science and Technology (PCAST)

**Saturday, February 3, 1990
10:30 a.m. - 1:00 p.m.
Camp David, Maryland**

Opening Remarks	The President The Chief of Staff
Introduction of Members	The Chairman
Brief Tabling of Member Issues	PCAST Members
Discussion of PCAST Functions and Operations	The Chairman
Discussion of Selected S&T Issues of National Importance	Open
Discussion of Future Agenda	Open
Discussion of Initial Panel Activities	Open
Concluding Remarks	The President
Adjournment	

SUGGESTED TALKING POINTS
FOR YOUR INAUGURAL MEETING WITH THE MEMBERS OF THE
PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY (PCAST)
FEBRUARY 3, 1990 - CAMP DAVID, MARYLAND

- O PCAST is a little different from most of the groups that advise me: you bring the perspective of the private sector to bear on issues involving science and technology (and it won't surprise you to hear me say that most public policy issues involve S&T at some point).

- O I am assuming you will all feel comfortable in speaking freely in our meetings -- and that you will not be uncomfortable when we also speak freely. You are an important resource for us. We want to know what you think on the issues; but we also would like to be able to use you to help us think through possible solutions that occur to us -- to use you as a sounding board. I hope very much that this morning's meeting will be a step toward developing the mutual trust that we will need if our work together is to succeed.

O My Administration will be resolving many issues over the coming years where your counsel will be important. From the brief menu that you and Allan generated, I have selected three for discussion here at our first meeting:

- Science, Technology and Economic Growth;
- Math and Science Education; and
- The Environment and Global Change.

I have a few remarks I want to make on each of these, as we take them up in turn. But first, I know, Dan, that you had a chance to meet the members yesterday, and have sworn them in -- do you have any comments that you would like to make? I'm sure, too, that John and Allan will have remarks.

**SUGGESTED TALKING POINTS
FOR THE THREE SELECTED ISSUES FOR DISCUSSION**

-- **Science, Technology and Economic Growth**

Continuing strength and R&D support for Science and Technology are essential for national security and economic growth; support for Science and Technology is a critical part of this Administration's investment in our future.

Defining an appropriate role for the Federal Government in assisting to maintain our national economic growth has a very high priority right now.

I do not intend to adopt any sort of 'Industrial Policy' where the Government essentially picks the winners and losers within the private sector.

There are, however, many areas where the Federal Government can be effective, far short of interfering in production processes and commercialization of products.

Today, let's focus on ideas for new activities that could result in a significant strengthening of our nation's economic growth.

-- Science and Mathematics Education

I know that we have a very paradoxical situation in our nation's educational enterprise. We set the world's standards for graduate training, but our pre-college education is a national disgrace.

The situation is so serious that last fall -- for only the third time in this century -- I convened a Governors' Summit to discuss possible approaches and solutions.

My Administration and I are actively working to follow up on activities planned at the Summit, but I want help on new activities that will help our school systems, especially in areas related to mathematics and science education.

I have emphasized that I want to be the 'Education President' because during my term I intend to lay the foundations to ensure excellence across the board in education, starting with pre-school and kindergarten. It is critical to start this now because of the length of time it will take to see the results.

What are your thoughts?

-- The Environment and Global Change

Global change has become a top political issue throughout the world.

The United States will undertake those activities necessary to ensure that we are not causing irreparable harm to the environment. But, all of our policies are going to be based on sound scientific evidence and sound economic understanding.

If there is an untapped reservoir of data or expertise available in the private sector, I want to know about it and make sure that such information is incorporated in our planning process.

Through our participation in the United Nations Intergovernmental Panel on Climate Change -- and I will be hosting a plenary meeting of this international group here in Washington next week -- and the activities of the Domestic Policy Council Working Group on Global Climate Change that Allan chairs, I believe that we have made a substantial start in putting together a coherent national policy, but I would like to know how you view what we have done and whether you believe we are handling the issue adequately.

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02. Memorandum	Appointment Memorandum for Solomon J. Buchsbaum, Thomas E. Lovejoy, and Walter T. Massey [personal information redacted] (8 pp.)	1/25/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Counsels Office, White House
Series: Staffing and Structure Files
Subseries: Boards, Commissions, Courts, Councils, Committees Files
WHORM Cat.:
File Location: President's Council of Science and Technology Advisors [3]

Date Closed:	1/4/2010	OA/ID Number:	20170-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
 P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
 P-3 Release would violate a Federal statute [(a)(3) of the PRA]
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C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
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 (b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
 (b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
 (b)(9) Release would disclose geological or geophysical information

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Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
04a. Memorandum	Appointment Memorandum for Norman E. Borlaug [personal information redacted] (5 pp.)	2/2/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Counsels Office, White House
Series: Staffing and Structure Files
Subseries: Boards, Commissions, Courts, Councils, Committees Files
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04b. Memorandum	To: Benjamin Dean From: William G. Borlaug Re: Response to request for personal information [personal information redacted] (4 pp.)	2/1/90	(b)(6)	

Collection:

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(b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
(b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
(b)(9) Release would disclose geological or geophysical information

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
05. Memorandum	Appointment Memorandum for Norman E. Borlaug [personal information redacted] (5 pp.)	2/2/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Counsels Office, White House
Series: Staffing and Structure Files
Subseries: Boards, Commissions, Courts, Councils, Committees Files
WHORM Cat.:
File Location: President's Council of Science and Technology Advisors [3]

Date Closed:	1/4/2010	OA/ID Number:	20170-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
 P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
 P-3 Release would violate a Federal statute [(a)(3) of the PRA]
 P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
 P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
 P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
 (b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
 (b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
 (b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
 (b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
 (b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
 (b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
 (b)(9) Release would disclose geological or geophysical information

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
06. Memorandum	Appointment Memorandum for Charles L. Drake, Ralph E. Gomory, Bernadine P. Healey, Peter Likens, John P. McTague, Daniel Nathans, David Packard, and Harold T. Shapiro [personal information redacted] (15 pp.)	1/17/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Counsels Office, White House
Series: Staffing and Structure Files
Subseries: Boards, Commissions, Courts, Councils, Committees Files
WHORM Cat.:
File Location: President's Council of Science and Technology Advisors [3]

Date Closed:	1/4/2010	OA/ID Number:	20170-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
P-3 Release would violate a Federal statute [(a)(3) of the PRA]
P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
(b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
(b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
(b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
(b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
(b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
(b)(9) Release would disclose geological or geophysical information

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
07. Memorandum	Appointment Memorandum for Norman E. Borlaug [personal information redacted] (6 pp.)	2/2/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Counsels Office, White House
Series: Staffing and Structure Files
Subseries: Boards, Commissions, Courts, Councils, Committees Files
WHORM Cat.:
File Location: President's Council of Science and Technology Advisors [3]

Date Closed:	1/4/2010	OA/ID Number:	20170-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
P-3 Release would violate a Federal statute [(a)(3) of the PRA]
P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
(b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
(b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
(b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
(b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
(b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
(b)(9) Release would disclose geological or geophysical information

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
08. Memorandum	Appointment Memorandum for Norman E. Borlaug [personal information redacted] (5 pp.)	2/2/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Counsels Office, White House
Series: Staffing and Structure Files
Subseries: Boards, Commissions, Courts, Councils, Committees Files
WHORM Cat.:
File Location: President's Council of Science and Technology Advisors [3]

Date Closed:	1/4/2010	OA/ID Number:	20170-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
 P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
 P-3 Release would violate a Federal statute [(a)(3) of the PRA]
 P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
 P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
 P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
 (b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
 (b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
 (b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
 (b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
 (b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
 (b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
 (b)(9) Release would disclose geological or geophysical information

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
09. Memorandum	Appointment Memorandum for Charles L. Drake, Ralph E. Gomory, Bernadine P. Healey, Peter Likens, John P. McTague, Daniel Nathans, David Packard, and Harold T. Shapiro [personal information redacted] (14 pp.)	1/17/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Counsels Office, White House
Series: Staffing and Structure Files
Subseries: Boards, Commissions, Courts, Councils, Committees Files
WHORM Cat.:
File Location: President's Council of Science and Technology Advisors [3]

Date Closed:	1/4/2010	OA/ID Number:	20170-005
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
P-3 Release would violate a Federal statute [(a)(3) of the PRA]
P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
(b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
(b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
(b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
(b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
(b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
(b)(9) Release would disclose geological or geophysical information