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 administrative marker by the George Bush Presidential Library Staff.

Record Group/Collection: George H.W. Bush Presidential Records
Collection/Office of Origin: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commission Files

OA/ID Number: 07828
Folder ID Number: 07828-014

Folder Title:
STC - Science and Technology Advisors, President's Council of

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Stack:	Row:	Section:	Shelf:	Position:
G	17	4	4	2

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01. Form	Personal Information Form for Norman E. Borlaug [social security number redacted] (1 pp.)	8/11/89	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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

THE WHITE HOUSE

WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: Norman Ernest Borlaug

DATE: August 11, 1989

NAME & State: Norman E. Borlaug of Texas
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

VICE:

CURRENT HOME ADDRESS:
15611 Ranchita Road
Dallas, Texas 75248

SEX: M DOB: 3/25/14

BIRTHPLACE: Cresco, Iowa

PARTY: Republican

HOME PHONE: (214) 387-2315

LEGAL VOTING RESIDENCE:
(City, State)
Dallas, Texas

CURRENT POSITION & ADDRESS:
Consultant, International Maize and Wheat Improvement Center;
Distinguished Professor of International Agriculture at Texas A&M University, Collge Station, Texas

SSAN: (b)(6)

RACE: White

WORK PHONE: (409) 845-3211

ETHNIC HERITAGE:

PREVIOUS POSITION HELD:
Director of Wheat Research and Production Program, International Maize and Wheat Improvement Center

FAMILY:
SPOUSE: Margaret Gibson

CHILDREN: 2

EDUCATION:
Ph.D. Plant Pathology, University of Minnesota, 1941;
M.S. Plant Pathology, University of Minnestoa, 1940
B.S. Forestry, University of Minnesota, 1937

MILITARY SERVICE: None

AWARDS:

PREVIOUS PRESIDENTIAL APPOINTMENTS:
Member, Presidential Commission on World Hunger, 1978-79

President approved: _____
Security Package/PDS sent: _____
Counsel clearance: _____
OLA Clearance: _____

Bush Library Photocopy

CURRICULUM VITAE

DR. NORMAN E. BORLAUG

CIMMYT
Lisboa 27, Apdo. Postal 6-641
06600, Mexico, D. F.
MEXICO
Phone: 954-2100
Telex: 1772023 CIMTME

Texas A&M University
Department of Soil & Crop Sciences
College Station, Texas 77843
Phone: (409) 845-8687

CURRICULUM VITAE

DR. NORMAN E. BORLAUG

DATE OF BIRTH:
March 25, 1914

PLACE OF BIRTH:
Cresco, Iowa, USA

MARITAL STATUS:
Married

NAME OF WIFE:
Margaret Gibson

NAME OF CHILDREN:
Norma Jean (Rhoda) and William G.

EDUCATION:
B.S. Forestry, University of Minnesota 1937

M.S. Plant Pathology, 1940, University of Minnesota

Ph.D. Plant Pathology, 1941, University of Minnesota

EMPLOYMENT RECORD:
The U.S. Forest Service, 1935-38

Instructor University of Minnesota, 1941

Microbiologist, E. I. DuPont de Nemours, 1942-44

Research Scientist in charge Wheat Improvement in Cooperative Mexican Agricultural Program (O.E.E.), a joint dependency of Mexican Ministry of Agriculture and Rockefeller Foundation, 1944-1960

Associate Director, Rockefeller Foundation, assigned to Inter-American Food Crop Program 1960-63, to CIMMYT 1964-1982

Consultant and collaborator to Instituto Nacional de Investigaciones Agricolas (INIA), Mexican Ministry of Agriculture 1960-64

Consultant Food and Agriculture Organization of U.N. (F.A.O.) in North Africa and Asia, 1960

Director of Wheat Research and Production Program, International Maize and Wheat Improvement Center, (CIMMYT), 1964-79; Acting Director 1981

Ex-Officio Consultant on Wheat Research and Production Problems to many Governments in Latin America, Africa and Asia 1960-

Consultant - CIMMYT 1982-

MEMBERSHIPS IN LEARNED SOCIETIES:

Member Alpha Zeta, Xi Sigma Pi, Sigma Xi

Member Citizen's Commission on Sciences, Law and Food Supply, 1973-74

Member Citizen's Commission on Critical Choices for Americans, 1973

Member Presidential Commission on World Hunger (USA) 1978-79

HONORARY DEGREES: Doctor of Science:

Punjab Agricultural University (India), 1969

Royal Norwegian Agricultural College (Norway), 1970

Luther College (USA), 1970

Kanpur University (India), 1970

Uttar Pradesh Agricultural University (India), 1971

Michigan State University (USA), 1971

Universidad de la Plata (Argentina), 1971

University of Arizona (USA), 1972

University of Florida (USA), 1973

Universidad Católica de Chile (Chile), 1974

Universität Hohenheim (Germany), 1976

University of Agriculture, Lyallpur (Faisalabad, Pakistan), 1978

Columbia University in the City of New York (USA), 1980

Ohio State University (USA), 1981

University of Minnesota (USA), 1982

University of Notre Dame (USA), 1987

Oregon State University (USA), 1988

Doctor of Agricultural Sciences:

University of Agricultural Sciences (Godollo, Hungary), 1980

Tokyo University of Agriculture (Japan), 1981

Doctor en Ciencias Agropecuarias Honoris Causa,
Universidad Nacional Pedro Henríquez Turena,
República Dominicana, 1983

Doctor en Ciencias, Honoris Causa Universidad Central
del Este de la República Dominicana, 1983

Doctor Humane Letters:

Gustavus Adolphus College (USA), 1971

Doctor of Laws:

New Mexico State University (USA), 1973

Doctor of Agriculture:

Tufts University (USA), 1982

Doctor Honoris Causa:

Universidad Mayor de San Simõn, Bolivia, 1983

Universidad de Buenos Aires, (Argentina), 1983

Universidad de Cordoba (Spain), 1986

Universidad Politécnica de Catalunya (Barcelona, Spain), 1986

OTHER ACADEMIC, SCIENTIFIC AND
ACHIEVEMENT AWARDS:

The Outstanding Achievement Award, University of
Minnesota (USA), 1959

Elvin Charles Stakman Award, University of Minnesota
(USA), 1961

Uncle of Paul Bunyan (Forestry), University of
Minnesota (USA), 1969

University of Minnesota "M" (Athletic) Club
Outstanding Achievement Award, 1971

Award as FOUNDING MEMBER of the Instituto Nacional de Investigaciones Agrícolas, Secretaría de Agricultura y Ganadería (México), 1964

Recognition Award of Agricultural Institute of Canada, 1966

Recognition Award, Instituto Nacional de Tecnología Agropecuaria de Marcos Juárez (Argentina) 1968

Scientific Service Award of El Colegio de Ingenieros Agrónomos de México (México), 1970

Diploma de Mérito, El Instituto Tecnológico y de Estudios Superiores de Monterrey (México), 1971

Medalla y Diploma de Mérito "Antonio Narro" de la Escuela Superior de Agricultura de la Universidad de Coahuila (México), 1971

Diploma de Mérito, Escuela Superior de Agricultura "Hermanos Escobar" (México), 1973

Honorary Fellow, Indian Society of Genetics and Plant Breeding (India), 1968

First International Service Award in Agronomy - American Society of Agronomy (USA), 1968

Meritorious Service Award and Honorary Life Membership American Association of Cereal Chemists (USA), 1969

Diploma as Distinguished Geneticist - Sociedad Mexicana de Fitogenética (México), 1971

First Honorary Life Membership - American Society of Agronomy, Crop Science Society of America and Soil Science Society of America (USA), 1971

Honorary Member - Sociedad de Agronomía do Rio Grande do Sul (Brazil), 1971

Merit Award - Associacao dos Engenheiros Agronomos do Distrito Federal do Brasil (Brazil), 1971

Recognition Award - Punjab Agricultural Research Institute (Pakistan), 1971

Medal Consultor Emerito Instituto Nacional de Tecnología Agropecuaria (Argentina), 1971

Centennial Foreign Fellow of the American Chemical Society (USA), 1976

Lecturer - American Graduate School of International Management (USA), 1977, 1979

Foreign Member - Bangladesh Academy of Sciences (Bangladesh), 1978

First Honorary Life Membership - Bangladesh Botanical Society (Bangladesh), 1978

First Honorary Membership - Bangladesh Association for the Advancement of Science (Bangladesh), 1978

Jefferson Award - American Institute for Public Service (USA), 1980

Oregon State University - Agricultural Hall of Fame and Distinguished Service Award (USA), 1981

Honorary Membership - Japan Society Promotion of Science (Japan), 1981

Fellow Crop Science Society of America, 1983

GOVERNMENT AND CIVIC AWARDS:

Distinguished Service Awards from Wheat Producers Associations and State Governments from the Mexican States of Guanajuato, Querétaro, Sonora, Tlaxcala and Zacatecas (México), 1954-60

First "Golden Spike of Wheat Award" (Sonora, México), 1962

Distinguished Citizen Award - Cresco, Iowa (USA) Cresco Centennial Committee, 1966

The 1967 National Distinguished Service Award American Agricultural Editors Association (USA)

Sitara-i-Imtiaz (Star of Distinction) Government of Pakistan, 1968

The 1968 Genetics and Plant Breeding Award - National Council of Commercial Plant Breeders (USA), 1968

Citation and street named in his honor by citizens of the State of Sonora, and City and Rotary Club of Ciudad Obregón, Sonora (México), 1968

Distinguished Service Award by Wheat Farmers of the States of Punjab, Haryana and Himachal Pradesh (India), 1969

The 1969 Man of the Year -Independent Television of Britain (U.K.)

Nobel Prize for Peace, 1970

Cresco's Recognition Day (USA), 1970

Iowan of the Year - Iowa Broadcasters Association, 1970

Aztec Eagle - Government of México, 1970

State of Iowa - Governor's Distinguished Service Award, 1970

Professional Achievement Award, Sons of Norway (USA), 1970

State of Minnesota Governor's Outstanding Services Award and Proclamation of Norman E. Borlaug Day March 2, 1971

Honorary Citizen of Minneapolis (USA), 1971

Service Award by the Minnesota Wrestling Coaches Association (USA), 1971

Dedication of a Sequoia gigantea in the Rotary Club Peace Grove - Berkeley, California (USA), 1971

The 1971 Gold Plate Award - American Academy of Achievement (USA), 1971

Service Award - by Farmers, Ejidatarios and Scientists of Coahuila and Durango (México), 1971

Honorary Membership in Rotary Clubs of Ciudad Obregón (México), Balcarce and Marcos Juárez (Argentina), 1971

Borlaug Statue Dedicated Beadle Park - Cresco, Iowa (USA), Chamber of Commerce, 1971

Primary School "Norman E. Borlaug" - Dedicada por Secretaría de Educación Pública (México), 1971

American Farm Bureau Federation - 1971 Award for Service to Agriculture (USA)

World Farm Foundation Award for Outstanding Agricultural Achievement (USA), 1971

Medal of Merit - Fiesta Nacional de Trigo (Argentina), 1971

Service Medal - Bolsa de Cereales de Buenos Aires (Argentina), 1971

Service Medal and Golden Spike, San Gerônimo (Argentina), 1971

Medal of Merit - State of Santa Fe (Argentina), 1971

Medal of Merit - Citizens and Government of Balcarce (Argentina), 1971

Medal of Merit - Faculty of Agronomy, Universidad de la Plata (Argentina), 1971

Honorary American Farmer Degree and Key, Future Farmers of America (USA), 1971

Honorary Consultant to Punjab Agricultural University of Lyallpur (Pakistan), 1971

Outstanding Achievement Award - Minneapolis Chamber of Commerce (USA), 1971

Achievement Award for Contribution to World Wheat Production, National Association of Wheat Growers of U.S.A., 1971

The 1971 World Citizenship Award - by Des Moines Chamber of Commerce (USA), 1971

Dedication of Gopher Peavy of College Forestry - University of Minnesota for Outstanding Professional Achievement (USA), 1971

Medal Merit - Italian Wheat Scientists (USA), 1971

Achievement Award and Honorary Citizen of Cedar Falls, Iowa (USA), 1972

Service Award for Outstanding Contribution to the Alleviation of World Hunger - by Eight Latin American Food Production Conference (Brazil), 1972

Medal of Merit - Gremial Nacional de Trigueros de Guatemala (Guatemala), 1973

Recipient First Medical Medal of Merit and Bestowal of Knighthood - by Knights of Malta (USA), 1973

Award Bernardo O'Higgins bestowed by Government of Chile (Chile), 1974

Presidential Medal of Freedom - (USA), 1977

America's Third Century Achievers Award in the Field of Agriculture - Samsonite Corporation (USA), 1977

The Iowa Award - The Eight Recipient - State of Iowa (USA), 1978

The 11th Fanny Harris Hartman Fellow - The Hockaday School, Texas (USA), 1978

The Hilal-I-Imtiaz Award (The Crescent of Distinction) Government of Pakistan (Pakistan), 1978

Achievement Award for Contributions to World Food Production by International Association Phosphate Industries (ISMA) and Association of Fertilizer Industries of Latin America (ADIFAL) (México), 1978

V Premio Internazionale, Associazione Nazionale Stampa Agricola (Italy), 1978

Adventures in Agricultural Science Award of Distinction - The IX International Congress of Plant Protection and United States Department of Agriculture (USA), 1979

Appreciation Award for Thirty-Five Years of dedicated Effective Service to International Agriculture and the Well-Being of Mankind Throughout the World. The Trustees and Staff of the Rockefeller Foundation (USA), 1983

Recognition for Sustained Service to Humanity Through Outstanding Contributions in Plant Breeding from Governors Conference on Agriculture Innovations, Little Rock, Arkansas (USA), 1984

Henry G. Bennet Distinguished Service Award bestowed upon Dr. Borlaug by the Oklahoma State University, Stillwater, Oklahoma, at their Commencement Ceremonies (USA), 1984

Paul Harris Fellow - by Rotary Foundation of Rotary International, 1985

Orden de Cristo - Premio de Servicio (Portugal), 1986

ACADEMIES OF SCIENCES:

National Academy of Sciences of U.S.A., 1968

Foreign Member The Royal Swedish Academy of Agriculture and Forestry (Sweden), 1971

Honorary Academician - Academia Nacional de Agronomía y Veterinaria de Argentina (Argentina), 1971

Honorary Foreign Academician of N.I. Vavilov Academy of Agricultural Sciences of the Lenin Order (USSR), 1971

Foreign Member - Indian National Science Academy, (India), 1973

Distinguished Fellow Iowa Academy of Sciences, (USA), 1975

The American Academy of Arts and Sciences, (USA), 1976

Honorary Member - Royal Society of Edinburgh, (U.K.), 1976

Honorary Member - Royal Agricultural Society of England, (U.K.), 1976

Honorary Member - Hungarian Academy of Science, (Hungary), 1980

Foreign Honorary Member of Pakistan Academy of Sciences, (Pakistan), 1984

Foreign Honorary Member - Royal Society, (England), 1987

Foreign Member - Polish Academy of Sciences, 1988

Honorary Member of The Norwegian Academy of Science and Letters (Norway), 1988

CITIZENS ORGANIZATIONS:

Director, Population Crisis Committee, (USA), 1971-

Director, Population Communications International (USA), 1985

Asesor Especial - Fundación para Estudios de La Población, A. C. (México), 1971

Member - Advisory Council of Renewable Natural Resources Foundation, (USA), 1973

Member - Citizen's Commission on Science, Law and Food Supply, (USA), 1973-74

Member - Council for Agricultural Science and Technology (CAST), (USA), 1973-

Member - Commission on Critical Choices for Americans, (USA), 1973-74

Member - Presidential Commission on World Hunger, (USA), 1978-79

Board of Trustees - International Food Policy Research Institute, (IFPRI), (USA), 1976-82

Board of Trustees - American Council on Science and Health, (USA), 1978-

Advisor - The Population Institute, (USA), 1978

Board of Trustees - Winrock International, (USA), 1982-

President, Council of The Foundation for the Development of Polish Agriculture, 1988-

President, Sasakawa African Association, 1988-

OTHER HONORS:

Inaugural Lecturer - Leonard Klinck Memorial Lecture, (Canada), 1965

McDougal Memorial Lecturer, (FAO), 1971

Honorary Visiting Professor of the University of Minnesota, (USA), 1980

Inaugural Lecturer and Medal Recipient of the Dr. Sterling B. Hendrick's Memorial Lectureship , (USA), 1981

National Award for Agricultural Excellence (in Science) National Agri-Marketing Association, (USA), 1982

Distinguished Achievement Award in Food and Agricultural Sciences, Council for Agricultural Science and Technology, (CAST), (USA), 1982

The A. D. White Professor-at-Large Distinguished Professorship - Cornell University, (USA), 1983-

Life Fellow of the Rockefeller Foundation, (USA), 1983

Profesor Honorario, Facultad de Ciencias Agronómicas y Veterinarias, Universidad Autónoma de Santo Domingo, (República Dominicana), 1983

Chief Guest, Awards Ceremonies of the Jamnalal Bajaj Foundation, (Bombay, India), 1983

Inauguration Ceremonies of the Norman E. Borlaug Centro de Capacitación y Formación de Agriculturas, Corporación Gestora del Proyecto "Abapó-Izozog", Santa Cruz, (Bolivia), 1983

Appointment as "Miembro Corresponsal" of the Consejo Argentino para las Relaciones Internacionales, Buenos Aires, (Argentina), 1983

Distinguished Professor of International Agriculture, Department of Soil & Crop Sciences, Texas A&M University, College Station, Texas, (USA), January-May, 1984-

The Agricultural Hall of Fame and National Center, Bonner Springs, Kansas, (USA), placed Dr. Borlaug's name in the National Agricultural Hall of Fame, ceremonies held April 27, 1984

Elected Charter Member to the WCCO Minneapolis TV/Radio-Honor Role of Distinguished Good Neighbors (one charter member per year for period 1924-84), (USA), 1984

First Golden Harvest Award, International Minerals and Chemicals Corporation, (USA), 1984

A new agricultural science building on the St. Paul Campus of the University of Minnesota has been named Borlaug Hall in his honor, (USA), 1985

Inaugural Lecturer of The E. T. York Distinguished Lecture Series, University of Florida, (USA), 1985

The Presidential World Without Hunger Award: Category Educator/Scientist, (USA), 1985

Elected to Scandinavian-American Hall of Fame, (USA), 1986

Dedication Borlaug Building at International Maize and Wheat Improvement Center (CIMMYT) Headquarters, (El Batán, México), 1986

Lord Medal (Category Basic Need), Lord Corporation, (USA), 1987

The 1988 Americas Award from The Americas Foundation

First Recipient of The Norman E. Borlaug Award sponsored by Iowa

Biotechnology Consortium (USA), 1988

First Recipient of The Dr. Norman E. Borlaug Award for Outstanding Service in International Educational Endeavors sponsored by Alpha Eta Chapter of Phi Beta Delta, Texas A&M University, (USA), 1988 University

June 31st, 1989

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02. Form	Personal Information Form for Solomon J. Buchsbaum [social security number redacted] (1 pp.)	8/11/89	(b)(6)	

Collection:

Record Group: Bush Presidential Records
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Series: Bullock, Katja, Files
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WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

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AR Case #:		**MR Case #:**	
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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)]

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THE WHITE HOUSE

WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: Solomon Jan Buchsbaum

DATE: August 11, 1989

NAME & State: Solomon J. Buchsbaum of New Jersey
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

VICE:

CURRENT HOME ADDRESS:
4 Pine Court
Westfield, NJ 07090

SEX: M DOB: 12/4/29

BIRTHPLACE: Stryj, Poland

PARTY:

HOME PHONE: (201) 233-2273

LEGAL VOTING RESIDENCE:
(City, State)
Westfield, NJ

CURRENT POSITION & ADDRESS:
Executive Vice President,
Customer Systems
AT&T Bell Laboratories

SSAN: (b)(6)

RACE: White

WORK PHONE: (201) 949-5564

ETHNIC HERITAGE: Polish

PREVIOUS POSITION HELD:
Vice President, Network Planning and Customer Services

FAMILY:
SPOUSE: Phyllis

CHILDREN: 3

EDUCATION:
B.S., McGill University, 1952
M.S., McGill University, 1953
Ph.D. in Physics, Massachusetts Institute of Technology, 1957

MILITARY SERVICE: None

AWARDS:

PREVIOUS PRESIDENTIAL APPOINTMENTS:
Chairman, White House Science Council; Senior Consultant, Defense Science Board; President, Science Advisory Committee; White House Advisory Group, Technical Advances

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President approved: _____
Security Package/PDS sent: _____
Counsel clearance: _____
OLA Clearance: _____

Bush Library Photocopy

SOLOMON J. BUCHSBAUM
AT&T BELL LABORATORIES

Solomon J. Buchsbaum is Executive Vice President, Customer Systems, at AT&T Bell Laboratories in Holmdel, New Jersey.

A physicist by training, Dr. Buchsbaum has been active in national science policy advisory circles, serving on more than a dozen advisory councils concerned with defense, energy and the state of American science. He has published 50 papers in plasma and solid state physics and has been issued eight patents.

In his current position, Dr. Buchsbaum is responsible for product realization planning and engineering, government systems, and architectural framework for AT&T products, systems and services.

Dr. Buchsbaum joined Bell Laboratories in 1958 and performed theoretical and experimental research in gaseous and solid state plasmas. He became Head of the Solid State and Plasma Physics Research Department in 1961 and Director of the Electronics Research Laboratory in 1965. Dr. Buchsbaum left Bell Laboratories in 1968 to become Vice President in charge of research at the Sandia Laboratories of Sandia Corporation, then a subsidiary of Western Electric Company. He returned to Bell Laboratories in 1971 as Executive Director, Research, Communication Principles Division; that same year he was named Executive Director, Research, Communications Sciences Division. In 1975 he became Executive Director of the Transmission Systems Division and in 1976, Vice President of the Network Planning and Customer Services Area. Dr. Buchsbaum assumed his present position in May 1979.

Dr. Buchsbaum is currently serving as Chairman of the White House Science Council and as a senior consultant of the Defense Science Board. He is also a member of the MIT Corporation Development Committee, the MIT Lincoln Laboratory Advisory Board, the Stanford University School of Engineering Advisory Council, Argonne National Laboratory - Board of Governors and director at Draper Laboratory Corporation, Sandia National Laboratories as well as a trustee of the Rand Corporation. He has been a consultant to the Office of Science and Technology Policy and a member of the Energy Research Advisory Board, the Energy Research and Development Agency's Fusion Power Coordinating Committee, the President's Science Advisory Committee, the Naval Research Advisory Committee, the White House Advisory Group on Technical Advances, the Office of Technology Assessment's Health of the Scientific and Technical Enterprise Advisory Panel, Council of the National Academy Engineering and a trustee of Argonne Universities Association. He served as associate editor of the Review of Modern Physics, the Physics of Fluids and the Journal of Applied Physics and as chairman of the Division of Plasma Physics of the American Physical Society, the Defense Science Board and the Energy Research Advisory Board.

He is a member of the National Academy of Engineering and the National Academy of Sciences, and a Fellow of the American Academy of Arts and Sciences, the American Association for the Advancement of Science, the American Physical Society, and the Institute of Electrical and Electronics Engineers. Among his awards and honors are the Anne Molson Gold Medal (McGill University), the Secretary of Defense Medal for Outstanding Public Service (1977), the Secretary of Energy Award for Exceptional Public Service (1981), the National Medal of Science (1986) and the Frederik Philips Award IEEE (1987).

Dr. Buchsbaum received his B.S. and M.S. degree from McGill University in 1952 and 1953, respectively. He received his Ph.D. in physics from the Massachusetts Institute of Technology in 1957.

8/88

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(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

THE WHITE HOUSE

WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: Charles Lum Drake

DATE: August 11, 1989

NAME & State: Charles L. Drake of Vermont
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

VICE:

CURRENT HOME ADDRESS:
R.F.B. # 1
Box 70
East Thetford, VT 05043

SEX: M DOB: 7/13/1924

BIRTHPLACE: Ridgewood, NJ

PARTY:

HOME PHONE: (802) 649-1301

LEGAL VOTING RESIDENCE:
(City, State)
East Thetford, VT

CURRENT POSITION & ADDRESS:
Albert Bradley Third Century
Professor of Earth Sciences
Dartmouth College
Hanover, NH 03755

SSAN: (b)(6)

RACE: White

WORK PHONE: (603) 646-3338

ETHNIC HERITAGE:

PREVIOUS POSITION HELD:
Dean of Graduate Studies and
Associate Dean of Faculty for the
Sciences, 1978-81

FAMILY:
SPOUSE: Martha

CHILDREN: 3

EDUCATION:
Ph.D. (Geology), Columbia
University, 1958
B.S.E. (Geological Engineering),
Princeton University, 1948

MILITARY SERVICE: U.S. Army Corps of Engineers, 1943-46

AWARDS:

PREVIOUS PRESIDENTIAL APPOINTMENTS:

President approved: _____
Security Package/PDS sent: _____
Counsel clearance: _____
OLA Clearance: _____

Bush Library Photocopy

Charles L. Drake

Department of Earth Sciences
Dartmouth College
Hanover, N.H. 03755

Address:	RFD #1, Box 70, East Thetford, Vermont 05043
Born:	Ridgewood, N.J., July 13, 1924
Married:	Martha Ann Churchill, 1950, three children
Education:	Chatham High School, Chatham, N.J., 1941 Princeton University, B.S.E. (Geological Engineering, 1948 Columbia University, Ph.D. (Geology) 1958

Professional Positions Held

Columbia University
- Lamont Geological Observatory: Research Asssociate, 1948-56; Senior Scientist, 1956-58; Acting Assistant Director, 1963-65
- Department of Geology: Lecturer, 1953-55; Instructor, 1958-59, Assistant Professor, 1959-62; Associate Professor, 1962-67; Professor, 1967-70; Chairman, 1967-69

Dartmouth College
- Earth Sciences Department: Professor, 1969-; Chairman, 1976-78
- Dean of Graduate Studies and Associate Dean of Faculty for the Sciences, 1978-81
- Albert Bradley Third Century Professor of Earth Sciences, 1985-89
- Faculty, Dartmouth Institute, 1980-88
- Acting Dean of the Faculty, 1989-90

Membership on Panels and Advisory Committees

National Academy of Sciences
- Working Group on Geology and Geophysics, IIOE, 1960-61
- Working Group on Solid Earth Problems, GRB, 1960-64
- Ocean Surveys Panel, Committee on Oceanography, 1961-65
- Upper Mantle Committee, GRB, 1963-71
- Committee on Oceanography, 1967-72; Ocean Sciences Board, 1982-84
- Committee Advisory to ESSA, NAS/NAE, 1967-71; Chairman, 1970-71, Committee Advisory to NOAA, Chairman, 1971-73
- U.S. Geodynamics Committee, GRB, Chairman, 1968-78
- Geophysics Research Board, 1969-1982
- Office of Earth Sciences, Chairman, 1973-76
- Assembly of Mathematical and Physical Sciences, Advisory Board, 1974-76
- Panel on Gas Reserve Estimates, BMR, Chairman, 1975-76
- U.S. National Committee on Geology, 1979-81, 1983-, Chairman, 1980-81
- Committee to Evaluate Outer Continental Shelf Environmental Studies, BMR, 1976-77
- Geophysics Study Committee, 1974-82, Chairman, 1979-82

Geophysical Films Committee, 1980-85, Panel on Solid Earth film, Chairman, 1983-85.
Committee for International Geosphere-Biosphere Program, 1982-86
Continental Scientific Drilling Committee, GRB, 1980-1983
Briefing Panel on Solid Earth Studies for OSTP, COSEPUP, Chairman, 1983.
Committee Advisory to the U.S. Geological Survey, GSB, 1982-88.
President, XVIII International Geological Congress, to be held in Washington DC, 1989, 1983-
Geophysics Research Forum, 1984-86
U.S. National Committee for IUGG, 1984-86
Commission on Physical Sciences, Mathematics and Resources, 1984-86
Planning Committee for Large International Science and Technology Facilities, 1985.
Briefing Panel on Remote Sensing of the Earth for OSTP, COSEPUP, 1985.
Advisory Committee for the International Council of Scientific Unions, 1986-1989.
NAS Films Committee, 1986-, Panel on Dinosaur film, 1988-89; Panel on Natural Disaster film, 1989-
Committee on Status and Research Objectives in the Solid-Earth Sciences, Board on Earth Sciences and Resources, 1988-

National Science Foundation
Earth Sciences Section Advisory Panel, 1964-66
Oceanography Section Advisory Panel, 1967-71
International Decade of Ocean Exploration, 1970-72
UNOLS Review Committee for DSRV Alvin, 1974-77
Advisory Committee to Division of Earth Sciences, 1977-82
Waterman Medal Committee, 1979-82
Ad Hoc Committee on Crustal Studies, AAOE, 1983, Chairman
Review Panel for Advanced Ocean Drilling Program, 1983, Chairman
Review Panel for IRIS Program, 1985.
Review Panel for Ocean Drilling Program, 1986.

President's Science Advisory Committee, (OSTP)
Ad Hoc Committee on Oceanography, 1963-64

National Oceanic and Atmospheric Administration
Advisory Committee on Oceanography, U.S. Coast and Geodetic Survey, 1961-66
US/USSR Cooperative Programs in Science: Working Group on Marine Geology and Geophysics, 1975-80
Sea Grant Advisory Committee, 1978-82

National Aeronautics and Space Administration
Geodynamics and Geology Advisory Subcommittee, 1979-80
Geopotential Research Mission Science Steering Group, 1982-87
Earth System Sciences Committee, Solid Earth Working Group, 1984-85

Office of Technology Assessment
Ocean Margin Drilling Advisory Panel, 1979-80
Technology and Oceanography Advisory Panel, 1979-80

Joint Oceanographic Institutions (JOI)
Planning Committee, Joides, 1964-68; Chairman, 1966-68; Executive Secretary, JOIDES, 1967-68
Scientific Advisory Committee, Ocean Margin Drilling Program, JOI,

STC

THE WHITE HOUSE

WASHINGTON

6-12-91

COMPLETED

MEMORANDUM FOR JANE DANNENHAUER
SUE AUTHER
KATJA BULLOCK

FROM: COURTNEY ZWART
OFFICE OF PRESIDENTIAL PERSONNEL
Room 145, x6570

Please initiate appropriate clearances for the following prospective appointee for Presidential Boards and Commissions:

R/21843
P/58814
A/72909

Mary Lowe Good
21 Oak Park Drive
Convent Station, NJ 07961

Date of Birth 6-20-31 Place of Birth Grapevine, TN

Who is under serious consideration for appointment as a Member of:

President's Council of Science and Technology Advisors

Sharon Fitzpatrick, Associate Director, Rm. 147, x7590

President approved: 5-14-91

Security Package sent: _____ PDS sent: 6-12-91

Counsel Clearance: 11-12-91 Needs 278: Y N
(Y = CNSL will send PDS)

OLA Clearance: 11-14-91

Natl Science Bd - P/810
A/30820 A

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
04. Form	Personal Information Form for Mary L. Good [social security number redacted] (1 pp.)	6/11/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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]
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(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

THE WHITE HOUSE

WASHINGTON

PREPARED BY:
Ron Brown

NAME:
Mary Lowe Good

DATE:
6-11-91

NAME & STATE:
(as to appear on commission of appointment - no nicknames)
Mary L. Good of New Jersey

POSITION:
Member - President's Council of Science & Technology Advisors

TYPE: PA: X **PAS:** **SES:** **FT:** **PT:** X **TERM:** POP

VICE:
New Position

CURRENT HOME ADDRESS:
21 Oak Park Drive
Convent Station, NJ 07961

SEX: Female **DOB:** 6-20-31

BIRTHPLACE:
Grapevine, TX

PARTY:
Democrat

VOTING RESIDENCE:
Convent Station, NJ

HOME PHONE:
201/984-0630

SS#
(b)(6)

CURRENT POSITION & ADDRESS:
Sr. VP - Technology
Allied-Signal, Inc.
P.O. Box 1021
Morristown, NJ 07962-1021

RACE:
White

WORK PHONE:
201/455-4729

ETHNIC HERITAGE:

PREVIOUS POSITION HELD:
Employee
Allied-Signal, Inc.

SPOUSE:
Billy Jay Good

CHILDREN:
Two

EDUCATION:
PhD, Univ. of Arkansas ('55)
BA, Central Arkansas ('50)

MILITARY SERVICE:
No

AWARDS:
See Resume

PREVIOUS PRESIDENTIAL APPOINTMENTS:
Nat. Science Bd. ('86)

President Approved: 5/14/91

Security Package sent: _____ **PDS** 6/12/91
278 (YES or NO)

Counsel Clearance: _____

OLA Clearance: _____

Bush Library Photocopy

11/89

Biographical Sketch

Dr. Mary L. Good

Mary L. Good is Senior Vice President - Technology for Allied-Signal Inc. Her career spans both academic and industrial scientific research and she plays a continuing role in science policy-making at the national level. As chairman of the National Science Board, she leads the policy-making body for the National Science Foundation, whose mission is to promote science education and support much of this country's research in basic science. In 1987 as president of the American Chemical Society, Dr. Good convened the Select Conference on Advances in Biotechnology and Materials Science in Washington, D.C. for representatives of the press, financial and governmental communities who make and interpret science policy.

After receiving the Ph.D. in Inorganic Chemistry from the University of Arkansas at Fayetteville, Dr. Good taught chemistry and materials science for more than 25 years within the Louisiana State University system. During her tenure there, she was named Boyd Professor of Chemistry and later, Boyd Professor of Materials Science.

Dr. Good came to industry in 1980 as director of research at UOP, a company well-known for its oil processing technology, now jointly owned by Allied-Signal Inc. and Union Carbide. As president of the former UOP research center, Dr. Good broadened and deepened the company's research capabilities, developing major programs in materials science, biotechnology, separations science and materials-by-design. Now, as Senior Vice President-Technology, Dr. Good oversees Allied-Signal's Research & Technology organization, including laboratories in New Jersey, Illinois and New York.

Dr. Good is a member of the National Academy of Engineering as well as several National Academy of Sciences panels and government advisory committees. She is a past president of the Inorganic Division of the International Union of Pure and Applied Chemistry and a past president of the American Chemical Society, the world's largest scientific professional organization.

Allied-Signal Inc. is an advanced technology company with primary businesses in the aerospace, automotive, and engineered materials sectors.

THE WHITE HOUSE

WASHINGTON

STC

June 11, 1991

Dear Mrs. Good:

Congratulations on your prospective appointment to be a Member on the President's Council of Science and Technology Advisors.

Before a final decision on your appointment can be made, certain conflict-of-interest clearances must be completed. I am therefore providing you with the enclosed package of materials for your review and completion. You can type your response to the numbered questions in the Personal Data Statement (PDS) questionnaire on plain paper. You do not need to retype the questions, but please sign and date the response.

Please submit the completed PDS response **within thirty days** to:

Francine Burns
Executive Assistant to the Counsel
The White House
Washington, D.C. 20500
(202) 456-2632

Your appointment can be made final only upon conclusion of the clearance process, which can only begin once you have returned the response to the PDS questionnaire. Any questions relating to these materials should be directed to the Counsel's Office.

Let me take this opportunity to re-emphasize that until your appointment is finalized and announced, your confidentiality is greatly appreciated. My office will contact you prior to the announcement.

On behalf of the President, thank you again for your willingness to serve.

Sincerely,

Sharon Fitzpatrick Rodgers

Sharon Fitzpatrick Rodgers
Associate Director of Presidential Personnel

Mrs. Mary L. Good
21 Oak Park Drive
Convent Station, New Jersey 07961

TO OLA STC
11.13.91

COMPLETED

THE WHITE HOUSE

WASHINGTON

out
11.14.91

November 12, 1991

MEMORANDUM FOR CONNIE HORNER

FROM: C. BOYDEN GRAY
COUNSEL TO THE PRESIDENT

All necessary clearances from the Counsel's office have been accomplished with regard to the following individual, who is ready for appointment by the President if all other necessary concurrences are in order:

Mary Lowe Good - Member, President's Council of Science and Technology Advisors

cc: Courtney A. Zwart
Jane M. Dannenhauer
James W. Corbitt, Jr.

STC

THE WHITE HOUSE

WASHINGTON

November 14, 1991

MEMORANDUM FOR THE PRESIDENT

FROM: CONSTANCE HORNER

SUBJECT: PA Appointment

Attached for your signature is the necessary document appointing the following individual:

MARY L. GOOD, of New Jersey, to be a Member of the President's Council of Advisors on Science and Technology. This is a new position.

You approved this appointment on May 14, 1991.

All necessary clearances have been completed.

STC

THE WHITE HOUSE

WASHINGTON

November 14, 1991

MEMORANDUM FOR PHIL BRADY

FROM: CONSTANCE HORNER

SUBJECT: Personnel Announcement

The following personnel announcement is ready for release. All necessary clearances have been completed. Please arrange with the Press Office to announce the President's intention to appoint the following individual:

MARY L. GOOD, of New Jersey, to be a Member of the President's Council of Advisors on Science and Technology. This is a new position.

cc: C. Boyden Gray
Fred McClure
Ron Geisler
Katja Bullock

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
05. Form	Personal Information Form for Ralph E. Gomory [social security number redacted] (1 pp.)	8/11/89	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed: 1/7/2010	**OA/ID Number:** 07828-014
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

THE WHITE HOUSE
WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: Ralph Edward Gomory

DATE: August 11, 1989

NAME & State: Ralph E. Gomory of New York
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

VICE:

CURRENT HOME ADDRESS:
260 Douglas Road
Chappaqua, NY 10514

SEX: M DOB: 5/7/29

BIRTHPLACE: Brooklyn Heights, NY

PARTY: Independent

HOME PHONE: (914) 238-8522

LEGAL VOTING RESIDENCE:
(City, State)
Chappaqua, New York

CURRENT POSITION & ADDRESS:
President, The Alfred P. Sloan Foundation
630 Fifth Avenue
New York, NY 10111-0242

SSAN: (b)(6)

RACE: White

WORK PHONE: (212) 582-0450

ETHNIC HERITAGE:

PREVIOUS POSITION HELD:
Senior Vice President of IBM

FAMILY:
SPOUSE: NA

CHILDREN: 3

EDUCATION:
Ph.D. Princeton University, 1954
Studied at Cambridge University (UK)
Graduated from Williams College, 1950

MILITARY SERVICE: U.S. Navy

PREVIOUS PRESIDENTIAL APPOINTMENTS:
Member, National Commission on Superconductivity, 1989

AWARDS:
National Medal of Science, 1988; Institute of Electrical and Electronics Engineers (IEEE) Engineering Leadership Recognition Award, 1988; John von Neumann Theory Prize

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President approved: _____
Security Package/PDS sent: _____
Counsel clearance: _____
OLA Clearance: _____

Bush Library Photocopy

RALPH E. GOMORY

President

Alfred P. Sloan Foundation

Ralph E. Gomory was born May 7, 1929, in Brooklyn Heights, New York. He graduated from Williams College in 1950, studied at Cambridge University, and received his Ph.D. in mathematics from Princeton University in 1954. Gomory served in the Navy and was Higgins Lecturer in Mathematics at Princeton before joining IBM's newly founded Research Division in 1959 as a research mathematician.

In his student years (Williams, Cambridge, Princeton), Gomory did research on nonlinear differential equations, but voluntary active service in the Navy (1954-57) turned his attention to the applied mathematics of operations research. Back at Princeton he linked classical Diophantine analysis with linear programming to obtain cutting-plane and all-integer algorithms which established the field of integer programming. It remains an active area of research today.

At IBM Research in the early 1960s, Gomory published papers with Paul Gilmore on the knapsack, traveling salesman and cutting-stock problems (the last of which won the Lanchester Prize of the Operations Research Society in 1964), and with T. C. Hu on flows in multi-terminal networks and continua. In the late 1960s, he developed the asymptotic theory of integer programming and introduced the concept of corner polyhedra. In the early 1970s, he collaborated with Ellis Johnson in investigating subadditive

- more -

functions related to group problems that had played a role in cutting-planes and corner polyhedra.

Gomory's research has been recognized (in addition to the Lanchester Prize) by the title of IBM Fellow, IBM's highest technical rank, and by the Harry Goode Memorial Award of the American Federation of Information Processing Societies and the John von Neumann Theory Prize given jointly by the Operations Research Society and the Institute of Management Science. He was elected to the National Academy of Sciences in 1972.

Gomory served as chairman of IBM Research's Mathematical Sciences Department from 1965-67 and 1968-70 during an important period of its growth and evolution. This period saw the beginning of Shmuel Winograd's work on limits of algorithms and of Benoit Mandelbrot's work on fractals.

Gomory became director of research for IBM in 1970, with direct responsibility for IBM's Research Division comprising the research laboratories at Yorktown Heights, NY (the Thomas J. Watson Research Center), San Jose, CA (now the Almaden Research Center), and Zurich, Switzerland.

Members of the Research Division have made major contributions to IBM's products and to the computer industry. Yorktown Heights was the birthplace of what is now known as RISC architecture, and San Jose was the birthplace of the concept, theory and first prototype of relational data. Major contributions to semiconductor technology and to magnetic disc technology, particularly the first thin film head, have emerged.

On the scientific side, Zurich did the work that resulted in two successive Nobel Prizes in physics, one for the Scanning Tunneling Microscope and one for the new high-temperature superconducting materials. These are only some highlights of a large body of both practical and theoretical work that has included major steps forward in lasers, solid state physics, algebraic complexity theory, and the evolution and application of fractals.

Gomory's technical leadership has been recognized by the award of the Medal of the Industrial Research Institute (IRI) in 1985, and by the Institute of Electrical and Electronics Engineers (IEEE) Engineering Leadership Recognition Award in May 1988.

In June 1988 Gomory was awarded the National Medal of Science by the President, recognizing both his individual work and his technical leadership.

Gomory was elected a vice president of IBM in 1973, named to the company's Corporate Management Board in 1983, and elected a senior vice president in 1985. In 1986 he was named to the newly created position he now occupies, which combines responsibility for research with other technological functions.

Gomory has been a trustee of Princeton University. He is a director of The Washington Post, The Bank of New York, and Nova Pharmaceutical Corporation.

Gomory has been awarded six honorary degrees. He was Andrew D. White (visiting) Professor-at-Large at Cornell from 1970-76, and he has served on visiting committees of Stanford, MIT,

Princeton, Chicago and Yale. He was chairman of the Advisory Council of the Department of Mathematics at Princeton from 1984-85, and is chairman of the Harvard Visiting Committee for the Division of Applied Sciences.

Gomory is a member of the National Academy of Sciences, the National Academy of Engineering, the American Philosophical Society, and the American Academy of Arts and Sciences, and a fellow of the Econometric Society. He has served on the Councils of the NAS, the APS, and the IRI, and is currently on the Council of the National Academy of Engineering. He served on the White House Science Council from 1986 to 1989. In 1987, he was named chairman of the Advisory Committee to the President on High Temperature Superconductivity, and in 1989, he became a member of the newly established National Commission on Superconductivity.

Gomory has worked on many studies for the National Research Council. In 1978-79 he was chairman of the group that brought out the first Five-Year Outlook Report (on science and technology) from the NRC. Later he served on the NRC Governing Board, and he is currently a member of the Committee on Science, Engineering and Public Policy (COSEPUP).

Gomory is the author of more than 50 papers. In the last few years, he has written on the nature of technology development, on research in industry, and on industrial competitiveness.

# # #

June 1989

STC

S.
&
L

COMMISSION

GOOD, Mary S., of New Jersey

NAME **STATE**

To be a Member of the President's Council of Advisors on

POSITION

Science and Technology

Remarks:

Rec'd White House for signature: 11/21/91

Signed: 11/22/91 **Dated:** 11/22/91

Returned to Department: STATE 11/25/91

Books, S (DATE)

COMPLIED

A 650 OIC

GOOD, Mary L. (D) New Jersey

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Com. signed	11/22/91
Com. dated	11/22/91

THE WHITE HOUSE

WASHINGTON

DATE: 3-8-90

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:

BERNADINE PATRICIA HEALY

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

PRESIDENT'S COUNCIL OF SCIENCE AND TECHNOLOGY ADVISORS. TO BE DESIGNATED VICE-CHAIRMAN

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

President Approved: 1-30-90

PDS sent: — OLA cleared: 7-30-90

Counsel Clearance: 7-20-90

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
06. Form	Personal Information Form for Bernadine P. Healy [social security number redacted] (1 pp.)	3/5/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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)]

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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]
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
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(b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
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(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

THE WHITE HOUSE

WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: Bernadine Patricia Healy **DATE:** March 5, 1990

NAME & STATE: Bernadine P. Healy of Ohio
(as to appear on commission of appointment - no nicknames)

POSITION: Designated Vice-Chairman, President's Council of Science and Technology Advisors

TYPE: **PA:** X **PAS:** **SES:** **FT:** **PT:** X **TERM:** POP

VICE: New Position

CURRENT HOME ADDRESS:
R.D. #1
Box 46
Country Line Road
Gates Mills, Ohio 44040

HOME PHONE: (216) 423-0013

CURRENT POSITION & ADDRESS:
Chairman, Research Institute
The Cleveland Clinic Foundation
One Clinic Center
9500 Euclid Ave., Room S1-134
Cleveland, Ohio 44195-5210
WORK PHONE: (216)444-3900

PREVIOUS POSITION HELD:
Deputy Director
Office of Science & Technology
Policy - The White House

EDUCATION:
A.B., summa cum laude, Vassar College, 1965; M.D., cum laude, Harvard Medical School, 1970

SEX: F **DOB:** 8/2/44

BIRTHPLACE: New York, New York

PARTY: Republican

LEGAL VOTING RESIDENCE:
(City, State)
Gates Mills, Ohio
SSAN: (b)(6)

RACE: White

ETHNIC HERITAGE: Irish

FAMILY:
SPOUSE: Floyd D. Loop, M.D.

CHILDREN: 2

MILITARY SERVICE: None

AWARDS: See Resume

PREVIOUS PRESIDENTIAL APPOINTMENTS:
Deputy Director, Office of Science & Technology Policy, The White House - Feb. 1984-Sept. 1985; Member, White House Science Council, 1988

President approved: 1/30/90
Security Package Sent: not needed
Counsel Clearance: 7-20-90
OLA Clearance: 7-30-90

Bush Library Photocopy

BERNADINE P. HEALY, M.D.

BIOGRAPHY

Dr. Bernadine Healy is Chairman of the Research Institute of The Cleveland Clinic Foundation, a position she assumed in November 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 for almost two years, and until that appointment had been Professor of Medicine at The Johns Hopkins University School of Medicine and Hospital.

Dr. Healy was born in New York City, completed secondary school at the Hunter College High School, graduated from Vassar College, summa cum laude, in 1965, and received her M.D., cum laude, from Harvard Medical School in June 1970. She completed training in internal medicine, anatomic pathology, and cardiovascular disease at The Johns Hopkins School of Medicine and joined the faculty of Johns Hopkins in June 1976, where she had clinical responsibilities and ran an active research program in cardiovascular research. In 1977 she became Director of the Coronary Care Unit, and in 1979 assumed the additional role of Assistant Dean for Post Doctoral Programs and Faculty Development, a position which included responsibilities for approximately 900 post graduate physicians, and policy issues regarding appointment and academic advancement of the medical faculty. In 1982 she became Professor of Medicine and Cardiology.

In February 1984, Dr. Healy became Deputy Director of the Office of Science and Technology Policy at the White House. Her appointment, made by President Reagan and confirmed by the Senate in June of 1984, involved her heavily in life science and regulatory issues at the Federal level. She served as Chairman of the White House Cabinet Working Group on Biotechnology, was Executive Secretary of the White House Science Council's Panel on the Health of Universities, and served as member of several advisory groups, including the Councils of the National Heart, Lung and Blood Institute and the National Cancer Institute, and The White House Working Group on Health Policy and Economics.

Dr. Healy has been President of the American Federation of Clinical Research (AFCR) (1983-84) and was Chairman of its Public Policy Committee for several years. She has served on the Board of Governors of the American College of Cardiology, and was a member of several Advisory Committees to the National Heart, Lung and Blood Institute and the Cardiovascular Devices Committee of the Food and Drug Administration.

Dr. Healy was President of the American Heart Association in 1988-1989 and has served as a member of its Board of Directors since 1985. She has been Chairman of the Association's Annual Scientific Sessions. She is a fellow of the AHA's Councils for High Blood Pressure Research and of Clinical Cardiology, and has served as Trustee and Vice-President of both the Maryland and Ohio AHA Affiliates. In 1987, Dr. Healy was elected a member of the Institute of Medicine of the National Academy of Sciences. She is Chairman of the Steering Committee of the National Heart, Lung, and Blood Institute's Post-Coronary Artery Bypass Graft Studies. In 1989, Dr. Healy was elected to a six-year term as a member of the Board of Overseers of Harvard College. She is a member and now Chairman of the Visiting Committee for the Medical School and School of Dental Medicine of Harvard University, and a member of the Alumni Board of Councillors to the Harvard Medical School. She is a member of the Visiting Committee for Sciences and Mathematics of Cleveland State University. She is also Chairman of the Ohio Council on Research and Economic Development, Ohio Board of Regents.

Dr. Healy is currently a member of the Advisory Committee to the Director of the National Institutes of Health and a member of the American Board of Internal Medicine. She has been a member of the White House Science Council and Chairman of the Advisory Panel for New Developments in Biotechnology of the Office of Technology Assessment of the U.S. Congress and a member of the NASA Life Sciences Strategic Planning Study Committee. She served as a representative for the White House on a joint U.S.-Brazilian Science and Technology panel in 1987. She is on the National Advisory Board of the Johns Hopkins Center for Hospital Finance and Management and serves on the Institute of Medicine's Evaluation Panel of the Council on Health Care Technology. She is a member of the Board of Directors of Medtronic, Inc., and of the National City Corporation. She is Chairman of the Advisory Board of the Bayer Fund for Cardiovascular Research of the Glenbrook Laboratories of Sterling Drug, Inc. and serves on the Editorial Advisory Board of The World Book Health & Medical Annual, Chicago, Illinois.

Dr. Healy is the author or co-author of over 200 publications, mostly in the area of cardiovascular research and medicine, and has served on the Editorial Boards of numerous scientific journals. Dr. Healy is a recipient of the 1983 National Board Award for Medicine of the Medical College of Pennsylvania, and of the 1987 Career Woman of Achievement Award for health and science, awarded by the YWCA of Cleveland, Ohio. She is a member of several honorary societies, including Phi Beta Kappa, Alpha Omega Alpha, and the American Society of Clinical Investigation.

In her current position as Chairman of the Research Institute of The Cleveland Clinic Foundation, she has broad responsibilities for the nine research departments of the Institute, which include efforts in neurobiology, immunology, cancer, artificial organs, atherosclerosis, musculoskeletal disorders, and molecular biology, and the clinical research in these and other disease-related areas; and she directly oversees a research effort of basic and clinical investigation in cardiovascular disease.

Dr. Healy is married to Dr. Floyd D. Loop and is the mother of two daughters, Bartlett and Marie.

CURRICULUM VITAE

BERNADINE P. HEALY, M.D.

PRESENT TITLE:

Chairman, Research Institute
The Cleveland Clinic Foundation
One Clinic Center/9500 Euclid Avenue
Room S1-134
Cleveland, Ohio 44195-5210
Research Division Office: 216/444-3900

DATE & PLACE OF BIRTH:

August 2, 1944; New York, New York

FAMILY:

Married to Floyd D. Loop, M.D.
Children, Bartlett Anne and Marie McGrath

EDUCATION:

Hunter College High School
Lexington Avenue, New York, New York, June, 1962

A.B., summa cum laude, Vassar College
Poughkeepsie, New York, June, 1965

M.D., cum laude, Harvard Medical School
Boston, Massachusetts, June, 1970

PROFESSIONAL CERTIFICATION:

National Board of Medical Examiners, 1971

Board certified, Internal Medicine, June 1973;
Cardiology, October 1975

Licensure: Maryland-D13528; Ohio-053370

MEDICAL APPOINTMENTS:

1970 - 1971	Intern in Medicine, The Johns Hopkins Hospital, Baltimore, MD
1971 - 1972	Assistant Resident in Medicine, The Johns Hopkins Hospital, Baltimore, MD
1972 - 1974	Staff Fellow, Section of Pathology, National Heart and Lung Institute, National Institutes of Health, Bethesda, MD
1974 - 1976	Fellow, Cardiovascular Division, Department of Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD
1975 - 1976	Fellow, Department of Pathology, The Johns Hopkins University School of Medicine, Baltimore, MD
1976 - 1981	Assistant Professor of Medicine and Pathology, The Johns Hopkins University School of Medicine, Baltimore, MD
1976 - 1985	Active Staff, Medicine and Pathology, The Johns Hopkins Hospital, Baltimore, MD

1977 - 1982	Associate Professor of Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD
1977 - 1984	Director, Coronary Care Unit, The Johns Hopkins Hospital, Baltimore, MD
1979 - 1984	Assistant Dean for Postdoctoral Programs and Faculty Development, The Johns Hopkins University School of Medicine, Baltimore, MD
1981 - 1984	Associate Professor of Pathology, The Johns Hopkins University School of Medicine, Baltimore, MD
1982 - 1984	Professor of Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD
1984 - 1985	Deputy Science Advisor and Associate Director, Office of Science and Technology Policy, Executive Office of the President, The White House, Washington, DC
1985 - Pres	Chairman, Research Institute, The Cleveland Clinic Foundation, Cleveland, OH

HONORS:

1962	Thomas Hunter Award, (Highest class standing)
1962-1965	Matthew Vassar Scholar
1965-1966	Eloise Ellery Fellowship
1965-1970	Harvard National Scholar
1965	Phi Beta Kappa
1970	Alpha Omega Alpha
1971-1972	Vice President, The Johns Hopkins Chapter AOA
1976-1977	Stetler Research Fellowship for Women Physicians
1976;1977	Listed in Outstanding Young Women of America
1978 ff	Who's Who in the East; Who's Who in America; Who's Who of American Women
1980	Ohio State Award, The Network for Continuing Medical Education Program, "Five Phases of Acute Myocardial Infarction"
1982	American Society for Clinical Investigation
1983	National Board Annual Award for Medicine, Medical College of Pennsylvania, Philadelphia, PA
1983-1984	Special Award for Service, American Heart Association, Maryland Affiliate
1986	Sherwin Page Endowed Chair, The Cleveland Clinic Foundation
1986-1988	Special Award for Service, American Heart Association, Northeast Ohio Affilliate
1987	Institute of Medicine
1987	YWCA 11th Annual Career Women of Achievement Award
1988	Recipient of Stokes Lecturer Medal, Irish Cardiac Society

SELECTED ADDRESSES & NAMED LECTURES:

04/10/80	Annual Carl J. Wiggers Memorial Lecture, American Heart Association, NEO Affiliate
05/07/84	Presidential Address, American Federation for Clinical Research: "Protect the Shifting Paradigm: Biomedical Research and Evolution"
04/30/85	R. T. Hall Lectureship, Sydney, Australia
05/25/85	Commencement Address, Univ. of Utah School of Medicine: "The Path is Made by Walking"
07/11/85	Keynote Address, Agri-Tech 85, Virginia Polytechnic Institute and State Univ.: "Biotechnology"

10/18/85 Univ. of Cincinnati Medical Center Symposium on The Future of Medical Education: "Educating Physicians: Investing in Medical Talent for the Future"

03/25/86 Presentation at the 33rd National Health Forum, Washington, D.C.: "Biomedical Research at the Critical Cross Roads, Tension Between Basic and Clinical Research"

09/15/86 Keynote Address, Tenth World Congress of Cardiology, Washington, D.C.: "Global 2000"

11/06/86 Robert B. Pierce, Sr., M.D., Memorial Lecture, Univ. of California, Davis, School of Medicine: "Academia and the Federal Government: David and Goliath?

01/21/87 Joseph Welker Lectureship, Univ. of Kansas Medical Center: "Cardiac Remodelling: Hypertrophy and Its Regression"

01/20/88 American Medical Association, Medicine for the 21st Century, Palm Springs, CA: "Manpower Needs"

05/03/88 FASEB, Biotechnology: New Challenges for Government, Science, and the Marketplace, Las Vegas, NV: "Biotechnology - Overview"

10/03/88 Keynote Address, American Dietetic Association, San Francisco, CA: "Taking Nutrition to Heart"

11/14/88 Presidential Address, American Heart Association, 61st Annual Scientific Sessions, Washington, D.C.: "The Human Factor at the Endless Frontier"

12/02/88 Irish Cardiac Society, Stokes Lecture, Cork, Ireland: "New Perspectives on Coronary Intervention"

THE JOHNS HOPKINS UNIVERSITY:

Active Staff, Medicine and Pathology, 1976-85; Assoc. Professor of Medicine, 1977-82; Director, Coronary Care Unit, 1977-84; Asst. Dean for Postdoctoral Programs and Faculty Development, 1979-84; Assoc. Professor of Pathology, 1981-84; Professor of Medicine, 1982-84

Intern Selection Committee, Department of Medicine, The Johns Hopkins University School of Medicine and Hospital, 1976-84; Affirmative Action Committee, The Johns Hopkins Medical Institutions, 1976-84; Chairman, 1977-84; Ad Hoc Provosts Advisory Committee - School of Allied Health Services, Office of Health Manpower Survey, 02/77-06/77; Joint Housestaff Policy Committee, Chairman, 1979-84; Steering Committee for Implementing Tenure Document, School of Medicine, 1979-81; Credentials Committee, The Johns Hopkins Hospital, 1979-84

Co-Director, Mary Elizabeth Garrett Symposium, Woman MD, 1979

Board of Directors, Stetler Research Fund for Women Physicians, 1979-84

Associate Director, Ischemic Heart Disease SCOR, Cardiovascular Division, The Johns Hopkins Hospital, National Institutes of Health, National Heart, Lung and Blood Institute, 1980-84

Government Affairs Committee, School of Medicine, 1981-84; Steering Committee for Nursing School, 1981-82; Steering Committee for Institutional Self Study Task Force, 1981-84; Grievance Committee, The Johns Hopkins University School of Medicine, 1982-84; Ad Hoc Provosts Committee - School of Advanced International Studies, Tenure Grievance, 1982; Advisory Panel, Alcoholic Beverage Medical Research Foundation, 1985

The Johns Hopkins University:

External Advisory Committee, Johns Hopkins Ischemic Heart Disease Specialized Center of Research, 1986 ff

Member, National Advisory Board, Johns Hopkins Center for Hospital Finance and Management, 1987 ff

GOVERNMENT SERVICE:

Deputy Director, Office of Science and Technology Policy, Executive Office of the President, The White House, February 1984 - September 1985

Chairman, White House Cabinet Council Working Group on Biotechnology, Subsequently Biotechnology Working Group of The Domestic Policy Council; Executive Secretary, White House Science Council Panel on the Health of the Universities, Chaired by David Packard and D. Allan Bromley; Member, Health Policy and Economic Working Group; Member, Nuclear Winter Interagency Federal Advisory Committee on Science and Technology; Member, Cabinet Council Working Group on Vaccine Compensation; Member, AIDS Working Group

Office of Science and Technology Policy, Executive Office of the President, The White House:

- Consultant, 1985 ff
- Member, U.S.-Brazil Panel on Science and Technology, 1987
- Member, White House Science Council, 1988-89

National Aeronautics and Space Administration:

NASA Life Sciences Strategic Planning Study Committee: Chairman, Biomedical Research; Member, External Relations, 1986-88

National Institutes of Health, Department of Health and Human Services:

Consultant, National Heart, Lung and Blood Institute, National Institutes of Health, Education, and Welfare, 1976 ff

Member, Cardiology Advisory Committee, National Heart, Lung and Blood Institute, Department of Health, Education and Welfare, Public Health Services, 1978-82: Subcommittees of Cardiology Advisory Committee: Endstage Heart Disease, 1978-82; Coronary Interventions and Percutaneous Transluminal Angioplasty, Chairman, 1979-82; Ad Hoc Committee to evaluate progress on Left Ventricular Assist Devices, 1980

Member, National Heart, Lung, and Blood Institute, Council, 1984-85

Member, National Cancer Advisory Board, National Cancer Institute, 1984-85

Member, Advisory Committee to the Director, NIH, 1986-90; Member, Human Fetal Tissue Transplantation Research Panel, 1988

Chairman, Post-CABG Steering Committee, 1987-93

Food and Drug Administration, Department of Health and Human Services:

Member, Circulatory System Devices Panel, 1983-84

U.S. Congress:

Chairman and Member, Advisory Panel for New Developments in Biotechnology, Office of Technology Assessment, 1986-88

Reports

1) New Developments in Biotechnology: Ownership of Human Tissues and Cells - Special Report, OTA-BA-337 (Washington, DC: U.S. Government Printing Office, March 1987)

2) New Developments in Biotechnology - Background Paper: Public Perceptions of Biotechnology, OTA-BP-BA-45 (Washington, DC: U.S. Government Printing Office, May 1987)

3) New Developments in Biotechnology - Field-Testing Engineered Organisms: Genetic and Ecological Issues, OTA-BA-350 (Washington, DC: U.S. Government Printing Office, May 1988)

4) New Developments in Biotechnology: U.S. Investment in Biotechnology - Special Report, OTA-BA-360 (Washington, DC: U.S. Government Printing Office, July 1988)

5) New Developments in Biotechnology: Patenting Life - Special Report, OTA-BA-370 (Washington, DC: U.S. Government Printing Office, April 1989)

U.S. Department of Energy:

Member, Energy Research Advisory Board, 1986-88; Member, Energy & Education Panel, 198788

THE CLEVELAND CLINIC FOUNDATION:

Chairman, Research Institute, 1985 ff; Acting Chairman and Member, Department of Heart and Hypertension Research, 1985 ff; Acting Chairman, Department of General Medical Sciences, 1985 ff; Staff, Department of Cardiology, 1985 ff; Officer, Board of Trustees, 1989 ff

Member, Management Group, 1986 ff; Chairman, Research Programs Committee, 1986 ff; Member, Government Affairs Committee, 1986 ff; Member, New Enterprises Advisory Committee, 1986 ff; Member, Permanent Fund Development Committee, 1986 ff; Member, Council for Division Chairmen, 1986-88

MEMBERSHIPS:

American College of Cardiology
American Federation for Clinical Research
American Heart Association
American Medical Association
American Society for Clinical Investigation
Association of University Cardiologists
Institute of Medicine, National Academy of Sciences
Women's Medical Society of Cleveland

PROFESSIONAL SOCIETIES, ASSOCIATIONS, AND FOUNDATIONS:

American Association for the Advancement of Science:

Member, AAAS-ABA National Conference of Lawyers & Scientists, 1989 ff

American Board of Internal Medicine:

Member, Board of Governors, 1986 ff; Member, Written Examinations Coordinating Committee, 1986-87; Member, Committee on Evaluation of Clinical Competence, 1987-89; Member, Committee on Certifying Examination, 1987-89; Member, Executive Nominating Committee, 1988-89

American College of Cardiology:

Film Review Committee, Annual Scientific Sessions, 1974; Fellowship, 1976 ff; Board of Governors, 1979-82 (Governor of Maryland); Nominating Committee, 1980; Primary Cardiology Editorial Advisory Board, 1985 ff; ACCEL Committee/Editorial Board, 1985 ff

American College of Physicians:

Cardiology Test Committee, 1977 (MKSAP V)

American Federation for Clinical Research:

Councilor, 1977-78 (Eastern Section); National Councilor-at-Large, 1979-83; Secretary/Treasurer, 1979 (Eastern Section); Public Policy Committee, National AFCR, 1979; Chairman, Public Policy Committee, 1980-83; Representative to Federated Council for Internal Medicine, 1980-83; President-Elect, 1982-83; President, 1983-84

American Heart Association:

National: Fellow, Council on Clinical Cardiology; Fellow, Council on Circulation; Member, Council on Clinical Cardiology Postgraduate Education Committee, 1978; Member, Scientific Sessions Program Committee, 1979-85: Vice Chairman, 1979-82; Chairman, 1983-85; Member, Board of Directors, 1983 ff; Member, Steering Committee for Research, Medical and Community Programs, 1986-87; Chairman, Steering Committee for Research, Medical and Community Programs, 1988-89; Member, Budget & Finance Committee, 06/87-06/89; Chairman, Public

Affairs Advisory Committee, 1988 ff; Member, Executive Committee, 1989-90; Medical Advisor, Pharmaceutical Roundtable, 1989-92

President-elect, 06/1987-88; President, 1988-89

Council for High Blood Pressure Research: Fellow, 1988

Maryland Affiliate: Member, Public Health Education Subcommittee; Member, Research Allocations Committee; Member, Board of Trustees; Vice President, 1982-84

Northeast Ohio Affiliate: Vice President, Board of Trustees, 1986-06/88; Member, Board of Trustees, 1988-89; Member, Executive Committee, 1986-89; Chairman, Research Allocations Committee, 1986-06/88; Member, Budget and Finance Committee, 1986-06/88

American Society for Clinical Investigation:

Member, Nominating Committee, 1989

Association of American Medical Colleges:

Women's Liaison Officer for The Johns Hopkins University School of Medicine, 1978; Council of Academic Societies, Executive Council, 1981-83

Foundation for Biomedical Research:

Member, Board of Directors, 1989 ff

Hudson Institute:

Public Member, 1989 ff

Moroccan-French-American International Congress on Cardiology:

Organizing Committee, 1984 ff

National Academy of Sciences:

Member, Government-University-Industry Research Roundtable, Roundtable Working Group on Capacity of Academic Science and Engineering: Institutional Renewal, 1984-85

National Academy of Sciences, Institute of Medicine

Member, Committee for the Independent Assessment of Allegations of Professional Improprieties and Mismanagement in AIDS Research Activities at the Centers for Disease Control, 1986; Member, Evaluation Panel of the Council on Health Care Technology, 1987-90; Member, Committee on Policies for Allocating Health Sciences Research Funds, 1988

Member, Institute of Medicine, 1987 ff

World Congress of Cardiology:

Scientific Program Committee, 1984-86

INDUSTRY/CORPORATIONS:

Member, Board of Directors, Medtronic, Inc., Minneapolis, MN, 1987 ff; Member, Technology & Quality Committee, 1987 ff; Nominating & Organizing Committee, 1987 ff

Chairman, Advisory Board, Bayer Fund for Cardiovascular Research, Glenbrook Laboratories, a Division of Sterling Drug, Inc., New York, NY, 1987-89

Member, Board of Directors, National City Corporation, Cleveland, Ohio, 1989 ff

UNIVERSITIES:

Case Western Reserve University:

Member, Scientific Review Panel of Resource for Biomedical Sensor Technology, 1988 ff

Cleveland State University:

Member, Visiting Committee for Sciences and Mathematics, 1987 ff

Harvard University:

- Regional Representative, Committee on Admissions, Harvard Medical School, Boston, Massachusetts, 1974-80
- Steering Committee, Harvard Medical School, Regional Bicentennial Program, Boston, Massachusetts, 1981-82
- Visiting Committee of the Board of Overseers of Harvard College, Medical School and School of Dental Medicine, Harvard College, Boston, Massachusetts, 1986-89
- Councillor for the Fourth Pentad of the Harvard Medical Alumni Association, 1987-90
- Overseer of Harvard College, 1989-95

Massachusetts Institute of Technology:

Member, Advisory Committee of the MIT Laser Biomedical Research Center, 1986-88

STATE AND LOCAL COMMUNITY SERVICE:

Board of Directors, Bethesda-Chevy Chase YMCA, 1974-75; Committee on Physical and Mental Health, Bethesda-Chevy Chase YMCA, 1973-74

Member, Board of Trustees, Golden Age Centers of Greater Cleveland, 1987 ff

Member, Board of Trustees, Cleveland Health Education Museum, 1987 ff

Member, Ohio Eminent Scholars Program Awards Advisory Panel, Ohio Board of Regents, 1987-88

Chairman and Member, Ohio Council on Research and Economic Development, Ohio Board of Regents, 1989-91

EDITORIAL WORK:

Outside Editorial Consultant:

American Journal of Cardiology; American Journal of Medicine; Annals of Internal Medicine; Chest; Circulation; Circulation Research; Hypertension; Laboratory Investigation; The Johns Hopkins Medical Journal; Medicine; American Heart Journal; Journal of American College of Cardiology; Journal of American Medical Association; Surgery; American Journal of Physiology; Science; New England Journal of Medicine

Abstract Reviewer:

American Heart Association; American Federation for Clinical Research; American College of Cardiology; International Academy of Pathology

Editorial Board:

The American Journal of Medicine, 1976; 1988-92; The Journal of Cardiovascular Medicine, 1980; The American Journal of Cardiology, 1981-82; Circulation, 1981-85; 1988-91; Journal of American College of Cardiology, 1982-85; American Journal of Cardiac Imaging, 1986 ff; Primary Cardiology, 1986 ff; Consult, 1987 ff; The Journal of International Medical Research, 1987 ff; Coronary Artery Disease, 1989 ff

Member, Editorial Advisory Board of The World Book Health & Medical Annual, World Book, Inc., Chicago, IL, 1989 ff

EXTRAMURAL RESEARCH FUNDING: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE:

Stetler Research Fund, Salary Stipend Award; 1977-79 (total direct award approx. $60,000)

USPHS NIH P50 HL-17-655. Ischemic Heart Disease, Specialized Center of Research; 1977-80; 1980-85. Myron L. Weisfeldt, M.D., Program Director

Subprojects: Bernadine Healy, M.D., Principal Investigator: (total direct award approx. $550,000)

- Project 1; 1977-80. Nitroglycerin and Infarct Size (total direct award approx. $35,000/yr.)
- Project 6; 1980-85. The Effect of Nifedipine Therapy on Left Ventricular Function and Infarct Size (total direct award $31,000/yr.)
- Project 14; 1980-85. Morphologic Validation of Cardiovascular Methodology (total direct award $39,000/yr.)

Other Subprojects: Bernadine Healy, M.D., Co-Investigator: (total direct award approx. $30,000/yr.)

AHA Grant-in-Aid (National); 1979-82. Causes and Consequences of Infarct Expansion (total direct award approx. $95,000)

USPHS RO1 HL-28-792; 1982-85. Causes and Consequences of Infarct Expansion. Bernadine Healy (Bulkley), M.D., Principal Investigator (total direct award $254,300)

USPHS NIH HL-19-414; 1979-82; 1982-85. Protection of Ischemic Myocardium During Cardiac Surgery. Vincent L. Gott, M.D., Principal Investigator; Bernadine Healy, M.D., Co-Investigator (total direct award approx. $95,000)

USPHS NIH Contract; 1980-83. Preservation of Ischemic Myocardium. Lewis C. Becker, M.D., Principal Investigator; B. Healy, Co-Investigator (total direct award approx. $45,000)

EXTRAMURAL RESEARCH FUNDING: THE CLEVELAND CLINIC FOUNDATION:

NHLBI-HL-33713; 09/30/85-09/29/90. Specialized Center of Research (SCOR) in Hypertension. Bernadine Healy, M.D., Program Director and Investigator (total direct award $3,660,588)

NHLBI-HL-27838; 1987-1992. Reversal of Hypertrophy in Hypertension. Subha Sen, Ph.D., Principal Investigator; Bernadine Healy, M.D., Co-Investigator (total direct award $835,048)

NHLBI-HL-38518; 1987-1993. Bypass Angioplasty Revascularization Investigation (BARI) Clinical Trial. Bernadine Healy, M.D., Principal Investigator (total direct award $2,069,440)

NHLBI-HC-86-04-N01-HC-75073; 1987-1995. Post-CABG (Coronary Artery Bypass Graft) Study - Clinical Center. Bernadine Healy, M.D., Chairman, Steering Committee; Consultant (total direct award: $3,876,026)

1-S15-HL-39530; 09/01/87-08/31/88. Small Instrumentation Grant Program. Bernadine Healy, M.D., Principal Investigator (total direct award $44,814)

1-S15-HL-41758; 06/01/88-05/31/89. Small Instrumentation Grant Program. Bernadine Healy, M.D., Principal Investigator (total direct award $32,075)

2-S07-RR-05674; 04/01/79-03/31/89. Biomedical Research Support Grant. Bernadine Healy, M.D., Principal Investigator (total direct award $134,354)

BERNADINE P. HEALY, M.D. **Biomedicine**
Chairman of the Research Institute, The Cleveland Clinic Foundation
Immediate Past President, American Heart Association

A professional cardiologist, Healy held a professorship in the Johns Hopkins University Medical School before joining Jay Keyworth as Deputy Director of OSTP for two years prior to accepting her current post. During the past year, she was a member of Bill Graham's White House Science Council. She is broadly experienced in the biomedical area, and I have served with her on a number of panels and committees where I have been much impressed by her wisdom, common sense and professionalism.

THE WHITE HOUSE
WASHINGTON

August 28, 1989

Dear Dr. Healy:

Congratulations on your prospective appointment to be a Member of the President's Council of Science and Technology Advisors.

In connection with this appointment, it will be necessary for you to complete the enclosed forms. Please return this information at your earliest convenience to:

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

Any questions relating to the completion of these forms should be directed to his office.

Sincerely,

Jan Naylor
Special Assistant to the President
and Associate Director of Presidential Personnel

Dr. Bernadine P. Healy
R.D. #1
Box 46
County Line Road
Gates Mills, Ohio 44040

THE WHITE HOUSE

WASHINGTON

January 10, 1990

MEMORANDUM FOR CHARLES G. UNTERMEYER

FROM: D. ALLAN BROMLEY

SUBJECT: Vice Chairmanship of the President's Council of Advisers on Science and Technology (PCAST)

When I discussed the formation of the PCAST with the President (please see copy of my memorandum of September 14, 1989, attached), I presented a list of candidate nominees and suggested that Dr. Bernadine Healy be named Vice-Chairman of the Council.

It is important for the working of the Council that the public announcement of its formation and of its membership include the identification of Dr. Healy as Vice-Chairman.

I would appreciate your taking the appropriate steps necessary to achieve this.

For your information, I also attach a brief statement of Dr. Healy's qualifications.

Attachments

BERNADINE P. HEALY, M.D. **Biomedicine**
Chairman of the Research Institute, The Cleveland Clinic Foundation
Immediate Past President, American Heart Association

A professional cardiologist, Healy held a professorship in the Johns Hopkins University Medical School before joining Jay Keyworth as Deputy Director of OSTP for two years prior to accepting her current post. During the past year, she was a member of Bill Graham's White House Science Council. She is broadly experienced in the biomedical area, and I have served with her on a number of panels and committees where I have been much impressed by her wisdom, common sense and professionalism.

THE PRESIDENT HAS SEEN
2/1/90

THE WHITE HOUSE

WASHINGTON 1990 FEB -1 PM 3:44

January 30, 1990

MEMORANDUM FOR THE PRESIDENT

FROM: CHASE UNTERMEYER CU 1/30
Director of Presidential Personnel

SUBJECT: Personnel Selection - **President's Council of Science and Technology Advisors**

Governor Sununu and I request you approve for designation as Vice-Chairman the following individual who has been recommended by Dr. Bromley:

DR. BERNADINE P. HEALY, of Ohio, to be designated Vice-Chairman of the President's Council of Science and Technology Advisors. Dr. Healy is the Chairman of the Research Institute at the Cleveland Clinic Foundation and is the Immediate Past President of the American Heart Association. A professional cardiologist, Dr. Healy held a professorship in the Johns Hopkins University Medical School before joining Jay Keyworth as Deputy Director of OSTP for two years prior to accepting her current post. During the past year she was a member of Bill Graham's White House Science Council. She is broadly experienced in the biomedical area, and has served on a number of panels and committees with Dr. Allan Bromley.

Upon your approval, all appropriate clearances will be initiated. Announcement of your intention to designate Dr. Healy as Vice-Chairman will be made as soon as the necessary clearances are completed.

APPROVE GB DISAPPROVE _____

Bush Library Photocopy
George Bush Handwriting

THE WHITE HOUSE
WASHINGTON

January 29, 1990

[redacted]

Note for Betty Thompson

Betty,

Help! Through pure ERROR this memorandum was mislaid and is only now being forwarded to Mr. Untermeyer.

The membership of the PCAST is to be announced imminently -- this week -- and Dr. Bromley wishes Dr. Healy to be named its Vice Chairman (Dr. Bromley, as you know, is Chairman.).

Please advise; thank you.

Sally Sherman

Sally Sherman

[redacted]

STC

Given to Jan Naylor for action!

[redacted]

THE WHITE HOUSE

WASHINGTON

January 10, 1990

MEMORANDUM FOR CHARLES G. UNTERMEYER

FROM: D. ALLAN BROMLEY

SUBJECT: Vice Chairmanship of the President's Council of Advisers on Science and Technology (PCAST)

When I discussed the formation of the PCAST with the President (please see copy of my memorandum of September 14, 1989, attached), I presented a list of candidate nominees and suggested that Dr. Bernadine Healy be named Vice-Chairman of the Council.

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For your information, I also attach a brief statement of Dr. Healy's qualifications.

Attachments

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20506

September 14, 1989

ACTION

MEMORANDUM FOR THE PRESIDENT

FROM: D. ALLAN BROMLEY

SUBJECT: PRESIDENTIAL APPROVAL OF MEMBERS FOR THE PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY (PCAST)

I. ACTION-FORCING EVENT: The names of 12 persons are being submitted for your approval as members of the new President's Council of Advisors on Science and Technology (PCAST). Upon approval, these individuals will undergo the normal clearance process for members of a Presidential Council.

II. ANALYSIS: The formation of PCAST is one of the Presidential initiatives outlined in Building a Better America. Pursuant to our meeting on June 23, 1989, we discussed the membership for PCAST. During that meeting, you gave verbal agreement to a list (attached) of candidate members. I am now seeking your formal approval of these individuals.

III. RECOMMENDATION: I recommend approval of the attached list of candidate members.

IV. DECISION:

___ approve ___ approve as amended ___ reject ___ no action

Attachment A - List, candidate members

OLA in 7/23/90
out 7/30

THE WHITE HOUSE
WASHINGTON

STC

July 20, 1990

MEMORANDUM FOR CHASE UNTERMEYER

FROM: C. BOYDEN GRAY
COUNSEL TO THE PRESIDENT

For the record to confirm our earlier oral clearance, all necessary clearances from the Counsel's office have been accomplished with regard to the following individual. She is ready for appointment by the President if all other necessary concurrences are in order:

Bernadine Patricia Healy - Vice-Chairman, President's Council of Science and Technology Advisors.

cc: Courtney Zwart
Jane Dannenhauer
Benjamin Dean

900201 ?

A/58506

THE WHITE HOUSE

WASHINGTON

Not necessary — Healy is designation occurred at the time of her announcement.

MEMORANDUM FOR JAMES W. CICCONI

FROM: CHASE UNTERMEYER

SUBJECT: Personnel Announcement

The following personnel announcement is ready for release. All necessary clearances have been completed. Please arrange with the Press Office to announce the President's intention to designate the following individual:

BERNADINE P. HEALY (of Ohio)	To be Vice-Chairman of the President's Council of Science and Technology Advisors. (New position)

cc: C. Boyden Gray
Fred McClure
Ron Geisler
Katja Bullock

DECISION MEMO CHECKLIST

Name Healy, Bernadine P.

Board Science & Technology Advisors

Staff Diane DRACOS

Date Memo Submitted _____

Date President Signed Memo _____

Which Security Package _____

Bio Form Done - Ready to Type _____

Bio Form Given to Becky 8-1-89

Congrats Letter Given to Jan _____

Congrats Letter Sent 8-28-89

Clearance From Counsel _____

Legislative Clearance _____

Press Release: ( ) intention to nominate
( ) intention to appoint

Thank You For Your Sevice Letters:

Termed _____

POP _____

Resignation Letter Received _____

Notifications: ( ) Senators
( ) Congressmen
( ) Recommenders
( ) Board or Agency

Also RANS:

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
07. Form	Personal Information Form for Peter W. Likins [social security number redacted] (1 pp.)	8/11/89	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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]
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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

THE WHITE HOUSE

WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: Peter William Likins

DATE: August 11, 1989

NAME & State: Peter W. Likens of Pennsylvania
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

VICE:

CURRENT HOME ADDRESS:
The President's House
Lehigh University
Bethlehem, PA 18015

SEX: M DOB: 7/4/36

BIRTHPLACE: Tracy, California

PARTY: Democrat

HOME PHONE: (215) 758-3299

LEGAL VOTING RESIDENCE:
(City, State)
Bethlehem, PA

CURRENT POSITION & ADDRESS:
President, Lehigh University
President's Office
Alumni Building #27
Bethlehem, PA 18015

SSAN: (b)(6)

RACE: White

WORK PHONE: (215) 758-3157

ETHNIC HERITAGE: American of mixed heritage

PREVIOUS POSITION HELD:
Provost, Columbia University,
Dean, Columbia School of
Engineering and Applied Science

FAMILY:
SPOUSE: Patricia

CHILDREN: 6

EDUCATION:
Ph.D., Standford University
(Engineering Mechanics)
M.A., Massachusetts Institute of
Technology (Civil Engineering)
Bachelor's degree in civil
engineering

MILITARY SERVICE: None

AWARDS:

PREVIOUS PRESIDENTIAL APPOINTMENTS:
White House Advisory Committee on the Health of Universities

President approved: _____
Security Package/PDS sent: _____
Counsel clearance: _____
OLA Clearance: _____

Bush Library Photocopy

Dr. Peter Likins
President, Lehigh University

Dr. Peter Likins became the 11th president of Lehigh University on July 1, 1982.

Prior to coming to Lehigh, Likins served as provost of Columbia University and as professor and dean of the Columbia School of Engineering and Applied Science.

He has served as a development engineer at the Jet Propulsion Laboratory of the California Institute of Technology and on the faculties of Columbia and the University of California, Los Angeles, where he was honored several times for his teaching.

The author of numerous articles and an engineering mechanics textbook, and co-author of several advanced texts related to spacecraft and electromechanical systems, Likins has served as a consultant to most major U.S. aerospace companies, as well as to government agencies in this country and in Europe.

In 1983, he was selected a Fellow of the American Institute of Aeronautics and Astronautics and in the following year he was elected to membership in the National Academy of Engineering.

Likins is a member of the executive committee of the Business-Higher Education Forum, and the Council on Competitiveness, both in Washington, D.C., and the Pennsylvania Economic Development Partnership Board.

He has served on a number of other national and international advisory boards, including the White House Advisory Committee on the Health of Universities.

Lehigh's president serves on the boards of COMSAT Corp., Washington, D.C.; Consolidated Edison Co., New York City; Dynacs Engineering Co., Clearwater, Fla.; St. Luke's Hospital, Bethlehem, Pa.; Safeguard Scientifics, Inc., King of Prussia, Pa.; and the Good Shepherd Home in Allentown, Pa.

Likins is a former member of the NCAA Presidents Commission and was the driving force in the establishment of the Colonial League.

Likins earned a bachelor's degree in civil engineering at Stanford, a master's degree in the same subject at the Massachusetts Institute of Technology and a doctoral degree in engineering mechanics at Stanford.

At Stanford, he was a Baker and Ford Foundation Fellow and at MIT he was a Tau Beta Pi Fellow. He holds honorary degrees from Lafayette and Moravian colleges.

An outstanding intercollegiate wrestler as an undergraduate, Likins was elected to the National Wrestling Hall of Fame in 1983. He is included in the Hall's "Career Corner," a special division of the wrestling museum for men who have excelled both in wrestling and in their careers and lives after graduation.

He is a member of Phi Beta Kappa, Tau Beta Pi and Sigma Xi honorary societies.

The Tracy, Calif., native is married to the former Patricia Jolley. Dr. and Mrs. Likins have six children.

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
08. Form	Personal Information Form for Thomas E. Lovejoy [social security number redacted] (1 pp.)	8/11/89	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
FOIA/SYS Case #:	2005-0336-F	**Appeal Case #:**	
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P-2/P-5 Review Case #:		**Disposition Date:**	
AR Case #:		**MR Case #:**	
AR Disposition:		**MR Disposition:**	
AR Disposition Date:		**MR Disposition Date:**	

RESTRICTION CODES

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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.

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(b)(9) Release would disclose geological or geophysical information

THE WHITE HOUSE

WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: Thomas Eugene Lovejoy

DATE: August 11, 1989

NAME & State: Thomas E. Lovejoy of Connecticut
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

VICE:

CURRENT HOME ADDRESS:
8526 Georgetown Pike
McLean, VA 22101

SEX: M DOB: 8/22/41

BIRTHPLACE: New York, N.Y.

PARTY: Independent

HOME PHONE: (703) 442-0399

LEGAL VOTING RESIDENCE:
(City, State)
McLean, VA

CURRENT POSITION & ADDRESS:
Assistant Secretary for External Affairs, Smithsonian Institution
The Castle Building
Room 230
Washington, D.C. 20560

SSAN: (b)(6)

RACE: White

WORK PHONE: (302) 786-2263

ETHNIC HERITAGE: Anglo-Saxon

PREVIOUS POSITION HELD:
Executive Vice President
World Wildlife fund

FAMILY:
SPOUSE: Divorced

CHILDREN: 3 daughters

EDUCATION:
Ph.D., Yale University, 1971
B.S., Yale University, 1962,
ranking scholar

MILITARY SERVICE:

AWARDS:

PREVIOUS PRESIDENTIAL APPOINTMENTS:

President approved: _____
Security Package/PDS sent: _____
Counsel clearance: _____
OLA Clearance: _____

Bush Library Photocopy

Thomas E. Lovejoy, a tropical biologist and conservation biologist, has worked in the Amazon of Brazil since 1965. His Ph.D. thesis (1971) was the first major long term banding study of birds in the Amazon, introduced the technique of banding to Brazil and identified some patterns of community structure. From 1973 to 1987 he directed the program of the World Wildlife Fund-US and is responsible for its scientific, western hemisphere, and tropical forest orientation. From 1985 to 1987 he served as the Fund's Executive Vice President. He is generally credited with having brought the tropical forest problem to the fore as a public issue.

He conceived of the Minimum Critical Size of Ecosystems project, a joint research project of the World Wildlife Fund-US and Brazil's National Institute for Amazon Research (INPA = Instituto Nacional de Amazonia). This project, considered a centerpiece of the newly emerging discipline of conservation biology, is essentially a giant experiment designed to define the minimum size for national parks and biological reserves as well as management strategies for small areas. A manuscript in preparation for Science will provide definitive evidence of the need for large areas for conservation reserves. For this work and many conservation initiatives in Brazil he was decorated by the Brazilian government in 1988, becoming the first environmentalist to receive the prestigious order of Rio Branco.

In the field of international conservation he is the originator of the innovative concept of debt for nature swaps. Three such swaps of international debt for conservation projects have been initiated (Bolivia, Costa Rica and Ecuador) and others are being developed.

He is well known as the founder of the public television series Nature, and for many years served as principle advisor to the series. This program is the most popular long term series on public television.

In 1987 he was appointed Assistant Secretary for External Affairs of the Smithsonian Institution. In addition he serves on numerous scientific and conservation boards including, the New York Botanical Garden, the Academy of Natural Sciences of Philadelphia, the Wildlife Preservation Trust and the Society of Conservation Biology. He is a Fellow of the American Association for the Advancement of Science and the Linnaean Society of London, and an Elective Member of the American Ornithologists' Union.

He is currently chairman of the United States Man and Biosphere Program, and was recently elected to the Executive Committee of SCOPE (Scientific Committee on Problems of the Environment, under the aegis of ICSU, the International Council

of Scientific Unions). He was recently appointed to the White House Science Council, (the first environmental scientist appointed to the Council).

He is the author of numerous articles and is author or editor of three books including Amazonia with G.T. Prance.

11 July 1988

STC

#58821

Reviewed By: RJB

Date: 5/9/91

COMPLETED

BOARDS AND COMMISSIONS INDEX FORM

NAME OF APPLICANT (L,F,MI,): Lovejoy, Thomas E. (PhD)

CITY, STATE: McLean VA

TELEPHONE: (W) 302/786-2263 (H) 703/442-0399

RECOMMENDERS: Dr. Bromley

BOARD OR COMMISSSION:

EAB 1. Environment for the Americas Bd.

2.

3.

SECRETARIAL-LIST BOARD OR AGENCY: EPA

CATEGORY: Environment

Science

BOARDS AND COMMISSIONS EVALUATION: A (B) C

AREA OF EXPERTISE:
Tropical + Conservation Biologist (Brazil/Amazon exper.)
Asst. Sec.-External Affs., Smithsonian

NOTES:
- Father of the "Debt for Nature" concept
- Serves on Pres. Cmte. for Sci. + Tech.
- Was Exec. VP - World Wildlife Fund - US
- Decorated by Brazilian govt. in '88 (Order of Rio Branco)
- Fdr. of public TV show Nature
- Was Asst. Sec.-External Affs. of Smithsonian
- PhD - Yale

ACTION/APPOINTMENT:

Copies: 5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

THIS MESSAGE IS ELECTRONICALLY TRANSMITTED
ON A CANNON FAX-705

OFFICE OF CONGRESSIONAL
AND LEGISLATIVE AFFAIRS

TRANSMISSION NUMBER: (202) 245-4046

VERIFICATION NUMBER: (202) 382-5200

TO: Teresa Nicholls

FROM: Pat Quinn

COMMENTS: More information to follow
ie - resume or C.V. * As requested *

NUMBER OF PAGES TO FOLLOW: 2

DATE: ~~4-23~~ 4-24

TIME: ~~4:35~~ 2:30

MAIL CODE: A-103
ROOM: 803-WT

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

THIS MESSAGE IS ELECTRONICALLY TRANSMITTED
ON A CANNON FAX-705

OFFICE OF CONGRESSIONAL
AND LEGISLATIVE AFFAIRS

TRANSMISSION NUMBER: (202) 245-4046

VERIFICATION NUMBER: (202) 382-5200

TO: Teresa Michelle

FROM: Pat Quinn

COMMENTS: More information to follow
ie - resume or C.V.

NUMBER OF PAGES TO FOLLOW: 1

DATE: 4-23

TIME: 4:35

MAIL CODE: A-103
ROOM: 803-WT

Printed on Recycled Paper

MEMO

TO: Pat Quinn

FROM: Katy Moran, AS/ OEA Smithsonian

RE: request for TEL bio information

DATE: April 23, 1991

****

In response to your request for information from Tom on his activities regarding a seat on the EAI board, he offers the following ideas:

Since 1984, when his op-ed on debt-for-nature swaps was published by the New York Times, Tom has supported the concept by:

testifying in support of the EAI at Senate and House hearings;

publication of an op-ed in the Washington Post on EAI (December 26, 1990);

sponsoring an international conference on debt swaps at the Smithsonian in which many members of the administration spoke;

personally arranging for a New York Times article (January 22, 1991) which generated the most supportive press to date for the EAI;

organizing 3 EAI meetings at Smithsonian for members of the administration, environmental community, and Hill staff to plan an effective strategy to pass the EAI.

Other actions consist of leading visits to the Amazon for Senate (Symms, Specter, Heinz, Chafee) and House (Porter, Leach) Members, and membership on President Bush's Council of Advisors in Science and Technology (PCAST).

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
09. Form	Personal Information Form for Walter E. Massey [social security number redacted] (1 pp.)	8/11/89	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
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THE WHITE HOUSE

WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: Walter Eugene Massey

DATE: August 11, 1989

NAME & State: Walter E. Massey of Illinois
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

VICE:

CURRENT HOME ADDRESS:
4950 Chicago Beach Drive
Chicago, Illinois 60615

SEX: M DOB: 4/5/38

BIRTHPLACE: Hattiesburg, MI

PARTY: Non-Partisan

HOME PHONE: (312) 947-0365

LEGAL VOTING RESIDENCE:
(City, State)
Chicago, Illinois

CURRENT POSITION & ADDRESS:
Vice President for Research & for
Argonne National Laboratory
Professor of Physics
The University of Chicago
5801 S. Ellis Avenue
Chicago, Illinois 60637

SSAN: (b)(6)

RACE: Black

WORK PHONE: (312) 702-6021

ETHNIC HERITAGE: African American

PREVIOUS POSITION HELD:
Vice President for Research and Laboratory; Director, Argonne National Laboratory

FAMILY:
SPOUSE: Shirley Anne

CHILDREN: 2

EDUCATION:
B.S., Morehouse College, 1954
M.A., Ph.D., Washington University, 1966

MILITARY SERVICE: NA

AWARDS:

PREVIOUS PRESIDENTIAL APPOINTMENTS:
National Science Board 1978-1984

President approved: _____

✓Security Package/NPDS sent: 8/29/89; 8/29/89

Counsel clearance: _____

OLA Clearance: _____

N.C. compli: 9/5/89

Bush Library Photocopy

CURRICULUM VITAE -- WALTER E. MASSEY

February 1989

Born: Hattiesburg, Mississippi, April 5, 1938

Marital Status: Married -- Shirley Ann Streeter
Children -- Keith and Eric

Address: 4950 Chicago Beach Drive
Chicago, Illinois 60615

Telephone: Offices -- 312/702-6021 or 312/972-5330

Present Position: Vice President for Research
and for Argonne National Laboratory
and
Professor of Physics
The University of Chicago
5801 Ellis Avenue
Chicago, Illinois 60637

Education:

Institution	Inclusive Dates	Degree and Date
Royal Street High School Hattiesburg, Mississippi	1952-1954	(Did not graduate; entered college from 10th grade.)
Morehouse College Atlanta, Georgia	1954-1958	B.S., Physics and Math, 1958
Columbia University New York, New York	Summer 1958	None
Howard University Washington, D.C.	1959-1960	None
Washington University St. Louis, Missouri	Sept. 1960-Jan. 1966	M.A., Ph.D., January 1966

Ph. D. Research:

Development of a theory and the calculations of the ground state properties of liquid helium.

Thesis Title:

"Ground State of Liquid Helium: Boson Solutions for Mass 3 and 4." Available at Olin Library, Washington University, St. Louis, Missouri.

Research Supervisor: Dr. Eugene Feenberg
Washington University
St. Louis, Missouri

07. 27. 89 02:22PM *LEGAL COUNSEL P02

Fellowships and Scholarships:

1. Ford Foundation Early Admission Scholarship: Morehouse College, 1954
2. National Defense Act Fellowship: Howard University, 1959
3. National Science Foundation Fellowship: Washington University, 1961

Professional Organizations:

1. American Association for the Advancement of Science (AAAS)
2. American Association of Physics Teachers (AAPT)
3. American Nuclear Society
4. American Physical Society (APS)
5. New York Academy of Sciences
6. Society of Sigma Xi

Honors and Awards:

1. "Outstanding Educator of America" Award, 1974
2. "Distinguished Service Citation" of the American Association of Physics Teachers (AAPT) for "Exceptional Contributions to the Teaching of Physics," 1975
3. Listed: Who's Who in the East and Who's Who in America
4. Doctor of Science Honorary Degree, Lake Forest College, Lake Forest, Illinois, 1981
5. Doctor of Science Honorary Degree, Williams College, Williamston, Massachusetts, 1981
6. Doctor of Science Honorary Degree, Elmhurst College, Elmhurst, Illinois, 1982
7. Doctor of Science Honorary Degree, Atlanta University, Atlanta, Georgia, 1982
8. Doctor of Science Honorary Degree, Rutgers University, New Brunswick, New Jersey, 1984
9. Doctor of Science Honorary Degree, Morehouse College, Atlanta, Georgia, 1984
10. Doctor of Science Honorary Degree, Marquette University, Milwaukee, Wisconsin, 1987
11. Doctor of Science Honorary Degree, Boston College, Boston, Massachusetts, 1987

Employment History:

1. *Morehouse College*	
1958-1959	Instructor of Physics
2. *Atlanta University*	
Summer 1959	Instructor of Physics
3. *Howard University*	
Summer 1960	Instructor of Physics
4. *Washington University*	
1960-1961	Teaching Assistant
January 1966-July 1966	Postdoctoral Research Associate
5. *Argonne National Laboratory*	
July 1966-June 1968	Postdoctoral Fellow
June 1968-September 1968	Staff Physicist
6. *University of Illinois*	
September 1968-January 1970	Assistant Professor of Physics
7. *Brown University*	
1970-1975	Associate Professor
1975-July 1979	Professor of Physics and Dean of the College

07. 27. 89 02:22PM *LEGAL COUNSEL P03

Employment History (contd.):

8. *Argonne National Laboratory*
   July 1979-1984 — Laboratory Director

9. *The University of Chicago*
   July 1979- — Professor of Physics

10. *The University of Chicago*
    1983-1984 — Vice President for Research and Laboratory Director, Argonne National Laboratory

11. *The University of Chicago*
    1984- — Vice President for Research and for Argonne National Laboratory

Other Relevant Experience:

A. National Science and Science Policy Experience:

1. *Commission on College Physics*
   Member of study group to develop proposals for the improvement of the teaching of physics in high schools and colleges, 1971, 1972

2. *American Physical Society*
   Executive Committee, New England Section, 1971, 1972;
   Councillor-at-Large, 1980-1983

3. *American Institute of Physics*
   Executive Committee on "Physics in the Predominately Black Colleges," 1971, 1972

4. *Aspen Center for Physics*
   Participant, 1971, 1976, 1979

5. *National Academy of Sciences -- National Research Council*
   Member, Physics Review Committee, 1972-1975

6. *National Academy of Sciences*
   Advisory Committee on Eastern Europe and the USSR, 1973-1976

7. *American Association of Physics Teachers*
   Committee on Physics in Higher Education, 1974-1977

8. *National Science Foundation*
   Advisory Panel, Division of Physics, 1975-1977

9. *National Science Board*, 1978-1984

10. *American Association for the Advancement of Science* (AAAS)
    Board of Directors, 1981-1985; Fellow, 1982; President-Elect, 1987;
    President, 1988; Chairman, 1989

11. *National Science Foundation*
    Advisory Committee on Science and Math Education, 1985-

07. 27. 89 02:22PM *LEGAL COUNSEL P04

B. Other Academic and Educational Experience:

1. *Graduate Records Examination Board*
Advanced Physics Examination Committee, 1974, 1975

2. *United States Department of Health, Education and Welfare*
Fund for the Improvement of Postsecondary Education (FIPSE)
Board of Advisors, 1976-1979

3. *Association of American Universities*
Energy Advisory Committtee, 1979-1980

4. *American Association of Colleges*
Commission on Institutional Development and National Affairs
1979-1981

5. *Science Research Institute, Atlanta University Center*
Advisory Board, 1979-1981

6. *Washington University*
Board of Trustees, 1980-1981

7. *Brown University*
Board of Trustees, 1980-

8. *Northwestern University*
Visiting Committee of the College of Arts and Sciences, 1982-1985

9. *Massachusetts Institute of Technology*
Visiting Committee for the Department of Physics, 1982-

10. *Harvard University*
Visiting Committee for the Department of Physics, 1985-

C. Civic, Cultural and Community Affairs:

1. *Urban League of Rhode Island*
Board of Directors, 1973-1975

2. *KQED Television, Inc., San Francisco*
Project Advisory Committee, 1977-1980

3. *World Book-Childcraft International, Inc.*
Advisory Board, 1979-1982

4. *Museum of Science and Industry*
Board of Trustees, 1980-

5. *Mayor's Task Force on High Technology Development, City of Chicago*
Chairman, 1981-1982

6. *Economic Development Commission, City of Chicago*, 1982-

7. *Governor's Commission on Science and Technology, State of Illinois*, 1982-

07. 27. 89 02:22PM *LEGAL COUNSEL P05

Civic, Cultural and Community Affairs (contd.):

8. *Chicago High Tech Association*
Chairman, Board of Directors, 1984-

9. *Chicago Symphony Orchestra*
Board of Trustees, 1984-

10. *Illinois Mathematics and Science Academy* (high school)
Board of Trustees, 1985-

11. *United Way of Chicago*
Board of Directors, 1985-

D. International Experiences:

1. American Nuclear Society's Scientific Exchange to the People's Republic of China, September/October 1980

2. Study of South African Universities, Republic of South Africa, August/September 1981

3. Conference on Physics in Latin America, Rio de Janiero, Brazil -- Planning Committee, July/August 1983

4. United States-South African Leadership Exchange Program (USSALEP) -- Board of Directors, 1983-

5. AAAS African Regional Symposium on the Role of Scientific and Engineering Sciences in Development -- Co-chairman, Mbanne, Swaziland, March 1984, and Grand Bassam, Ivory Coast, December 1984

6. AAAS Project to Strengthen Scientific and Engineering Infrastructure in Sub-Saharan Africa -- Co-chairman, 1984-

7. National Science Foundation -- Advisory Committee on International Programs, 1985-

E. Corporate and Not-for-Profit Organizations:

1. *Analytic Services, Inc.* (ANSER)
Trustee, 1980-1981

2. *Corporation of Woods Hole Oceanographic Institution*
1980-1983; 1986-

3. *Research-Cottrell, Inc.*
Board of Directors, 1982-1987

4. *Amoco Corporation*
Board of Directors, 1982-

5. *Continental Materials, Inc.*
Board of Directors, 1982-

6. *The First National Bank of Chicago*
Board of Directors, 1983-

07. 27. 89 02:22PM *LEGAL COUNSEL P06

Corporate and Not-for-Profit Organizations (contd.):

7. *Rand Corporation*
   Board of Trustees, 1983-

8. *Motorola, Inc.*
   Board of Directors, 1984-

9. *Tribune Company*
   Board of Directors, 1987-

07. 27. 89 02:22PM *LEGAL COUNSEL P07

THE WHITE HOUSE
WASHINGTON

August 28, 1989

Dear Dr. Massey:

Congratulations on your prospective appointment to be a Member of the President's Council of Science and Technology Advisors.

In connection with this appointment, it will be necessary for you to complete the enclosed forms. Please return this information at your earliest convenience to:

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

Any questions relating to the completion of these forms should be directed to his office.

Sincerely,

Jan Naylor

Jan Naylor
Special Assistant to the President
and Associate Director of Presidential Personnel

Dr. Walter E. Massey
4950 Chicago Beach Drive
Chicago, Illinois 60615

DECISION MEMO CHECKLIST

Name MASSEY, WALTER

Board Science & Technology ADVISORS

Staff Diane DRACOS

Date Memo Submitted _____

Date President Signed Memo _____

Which Security Package _____

Bio Form Done - Ready to Type _____

Bio Form Given to Becky 8-1-89

Congrats Letter Given to Jan _____

Congrats Letter Sent 8-28-89

Clearance From Counsel _____

Legislative Clearance _____

Press Release: ( ) intention to nominate
( ) intention to appoint

Thank You For Your Sevice Letters:

Termed _____

POP _____

Resignation Letter Received _____

Notifications: ( ) Senators
( ) Congressmen
( ) Recommenders
( ) Board or Agency

ALSO RANS:

STC

THE WHITE HOUSE

WASHINGTON

5-29-91

COMPLETED

MEMORANDUM FOR JANE DANNENHAUER
SUE AUTHER
KATJA BULLOCK

FROM: COURTNEY ZWART
OFFICE OF PRESIDENTIAL PERSONNEL
Room 145, x6570

Please initiate appropriate clearances for the following prospective appointee for **Presidential Boards and Commissions:**

A/11892
P/58808
A/72679

Thomas Joseph Murrin
8077 Dormar Ct.
Pittsburgh, PA 15237

Date of Birth 4.30.29 Place of Birth NY, NY

Who is under serious consideration for appointment as a Member of:

President's Council of Seience and Technology Advisors

Sharon Fitzpatrick, Associate Director, Rm. 147, x7590

President approved: 5-14-91

Security Package sent: — **PDS sent:** 5-20-91

Counsel Clearance: 7-10-91 **Needs 278:** Y (N)
(Y = CNSL will send PDS)

OLA Clearance: 8-22-91

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
10. Form	Personal Information Form for Thomas J. Murrin [social security number redacted] (1 pp.)	5/17/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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

THE WHITE HOUSE

WASHINGTON

PREPARED BY: Stephanie Zimlich

NAME: Thomas Joseph Murrin **DATE:** 5/17/91

NAME & STATE: Thomas Murrin of Pennsylvania
(as to appear on commission of appointment - no nicknames)

POSITION: member - President's Council of Science and Technology Advisors

TYPE: **PA:** x **PAS:** **SES:** **FT:** **PT:** x **TERM:** POP

VICE: New Position

CURRENT HOME ADDRESS:
8077 Dormar Court
Pittsburgh, PA 15237

SEX: M **DOB:** 4/30/29

BIRTHPLACE: NY, N.Y.

PARTY: R

HOME PHONE: 412/366-0623

VOTING RESIDENCE: Pittsburgh

CURRENT POSITION & ADDRESS:
Dean, School of Business
Duquesne University
Rockwell Hall
Pittsburgh, PA 15282
WORK PHONE: 412/434-5156

SS# (b)(6)

RACE: W

ETHNIC HERITAGE: Irish

PREVIOUS POSITION HELD:
Deputy Secretary of Commerce

SPOUSE: Marie

CHILDREN: 8

EDUCATION:
B.S. (1951) Fordham University

MILITARY SERVICE: NO

AWARDS: See resume

PREVIOUS PRESIDENTIAL APPOINTMENTS:
1989-91 Deputy Secretary of Commerce; Chairman - President's Commission on the Federal Appointment Process

President approved: 5/14/91

Security Package sent: PDS 5/20/91
278 (YES or NO)

Counsel Clearance:

OLA Clearance:

Bush Library Photocopy

THOMAS J. MURRIN

In December 1990, Thomas J. Murrin was named dean of Duquesne University's School of Business and Administration; effective January 1, 1991---after serving for 18 months as deputy secretary of the U. S. Department of Commerce; nominated by President George Bush on May 22, 1989 and confirmed by the U. S. Senate on June 21, 1989.

At the Department of Commerce---with its approximately 40,000 people and an annual budget of about $3 billion---Murrin was deeply involved in a variety of executive activities including the 1990 Decennial Census; the Malcolm Baldrige National Quality Award; the Modernization of the National Weather Service; the new Advanced Technology Program; oversight of the Patent and Trademark Office; and---through the International Trade Administration and the Export Administration ---important relations with dozens of nations around the world.

As "Acting Secretary" for Commerce Secretary Mosbacher, Murrin attended Cabinet and other top level meetings with President Bush, Vice President Quayle or other senior Federal Government executives.

In addition, Murrin was appointed by President Bush to chair the new Commission on the Federal Appointment Process; was selected to chair the Federal Quality Institute; was appointed chair of the new Interagency Committee on Technology and Industry by the President's Science and Technology Advisor, Dr. Allan Bromley; and became a member of the NASA Advisory Council at the invitation of the Administrator of NASA, (Ret.) Admiral Richard Truly.

Recruited to the Westinghouse Electric Corporation as a graduate student in 1951, Murrin initially worked as a manufacturing/materials engineer. Over the next 36 years, he served in various positions with Westinghouse---including Corporate European Manufacturing Representative based in Geneva, Switzerland; corporate vice president of Manufacturing; senior vice president of the Defense and Public Systems Group; and president of the Public Systems Company.

Murrin retired in 1987 as president of the firm's Energy and Advanced Technology Group---an organization with nearly $5 billion in annual sales. In that capacity from 1983 through 1987, Murrin was responsible for Westinghouse's worldwide operations in defense and aerospace systems; electric energy systems; and people-moving systems. He was a member of the Westinghouse Management Committee---the top policy-making body of the corporation---from 1974 until his retirement. Quality and productivity improvement were elevated as key corporate concerns under his guidance.

Building on his extensive foreign travel and study of industrial operations overseas---most notably in Japan--- Murrin served as a U. S. delegate to the NATO Industrial Advisory Group; headquartered in Brussels, Belgium. He also was a member of the Defense Policy Advisory Committee on Trade (DPACT) with the Department of Defense and served as chairman of DPACT's Subcommittee on Trade Relations with Japan.

He was the first chairman of two private sector advisory committees to the Federal Government: the Board of Overseers of the Commerce Department's Malcolm Baldrige National Quality Award, and the Defense Department's Defense Manufacturing Board. Murrin was a member of the President's Commission on Industrial Competitiveness in 1984---and was past chairman of the Board of Governors of the Aerospace Industries Association.

Murrin has been invited to speak and write on many topics of significance during recent years---and is, for example, considered to be a national expert on Global Competitiveness and Quality and Productivity Improvement. During 1990, he made over 50 such presentations---and several of these have been published.

Continuing his longstanding involvement with Pittsburgh-area educational institutions, Murrin served as Distinguished Service Professor in Technology and Management at Carnegie Mellon University. He was also Chairman of the Board of Trustees of Duquesne University and a member of the Board of Trustees of Fordham University. He served on the national board overseeing "Cities in Schools," an organization working to reduce school dropout rates. At CMU in 1988, Murrin developed and presented, along with Dr. Steve Miller, a new course titled, "World Class Manufacturing and Global Competitiveness." This course received the fourth highest rating out of 48 courses at CMU's Graduate School of Industrial Administration.

As part of Murrin's community service activities in Pittsburgh, he led a successful fund-raising effort at Mercy Hospital, where he was chairman of the Board for nine years---and participated in similar efforts at Duquesne University and for United Way Drives.

Murrin's honors include: Westinghouse Order of Merit, Westinghouse Electric Corporation (1968); Annual Achievement Award in Business, Fordham University (1976); National Leadership Award, American Productivity Center (1981); James Forrestal Memorial Award, National Security Industrial Association (1983); Election to the National Academy of Engineering (1985); Manufacturing Management Award of the Society of Manufacturing Engineers (1986); Hall of Fame, Cardinal Hayes High School (1988); Honorary Degree of Doctor of Management Science, Duquesne University (1989); and Excellence in Manufacturing Award, National Security Industrial Association (1989).

A native of New York City, Murrin received a bachelor of science degree in physics from Fordham University in 1951, has done graduate work at several universities, and is a fellow of the National Academy of Engineering. He was born April 30, 1929, and is married to the former Dee Coyne of New York City. The Murrins have eight children.

THE WHITE HOUSE

Office of the Press Secretary

For Immediate Release

May 22, 1989

The President today announced his intention to nominate Thomas Joseph Murrin to be Deputy Secretary of Commerce. He would succeed Donna F. Tuttle.

Mr. Murrin was President of Westinghouse Energy and Advance Technology Group, 1983-1987. From 1952 until 1987, he served in various capacities for Westinghouse Electric Corporation: President of the Public Systems Company, 1974; Senior Vice President of the Public Systems Group, 1974; Executive Vice President of the Defense and Public Systems Group, 1971; Group Vice President of Defense, 1967; Corporate Vice President of Manufacturing, 1965. In 1959, he was appointed European Manufacturing Representative based in Geneva, Switzerland; and was Superintendent of Factory Planning for the new Distribution Transformer plant in Athens, Georgia, in 1955. He joined the Carnegie Mellon University as Distinguished Service Professor in Technology and Management.

Mr. Murrin was graduated from Fordham University (B.S., 1951). He is married, has eight children and resides in Pittsburgh, Pennsylvania.

# # #

89 MAY 23 P4:05

THE WHITE HOUSE

WASHINGTON

11892

OTC

May 20, 1991

Dear Mr. Murrin:

Congratulations on your prospective appointment to be a member on the President's Council of Science and Technology Advisors.

Before a final decision on your appointment can be made, certain conflict-of-interest clearances must be completed. I am therefore providing you with the enclosed package of materials for your review and completion. You can type your response to the numbered questions in the Personal Data Statement (PDS) questionnaire on plain paper. You do not need to retype the questions, but please sign and date the response.

Please submit the completed PDS response **within 30 days** to:

Francine Burns
Executive Assistant to the Counsel
The White House
Washington, D.C. 20500
(202) 456-2632

Your appointment can be made final only upon conclusion of the clearance process, which can only begin once you have returned the response to the PDS Questionnaire. Any questions relating to these materials should be directed to the Counsel's Office.

Let me take this opportunity to re-emphasize that until your appointment is finalized and announced, your confidentiality is greatly appreciated. My office will contact you prior to the announcement.

On behalf of the President, thank you again for your willingness to serve.

Sincerely,

Sharon Fitzpatrick Rodgers

Sharon Fitzpatrick Rodgers
Associate Director of Presidential Personnel

Mr. Thomas Murrin
8077 Dormar Court
Pittsburgh, PA 15282

TO OLA
7-11-91

STC

THE WHITE HOUSE

WASHINGTON

out
8.22.91

COMPLETED

July 10, 1991

MEMORANDUM FOR CHASE UNTERMEYER

FROM: C. BOYDEN GRAY CBG/JPS
COUNSEL TO THE PRESIDENT

All necessary clearances from the Counsel's office have been accomplished with regard to the following individual, who is ready for appointment by the President if all other necessary concurrences are in order:

Thomas J. Murrin - Member, President's Council of Science and Technology Advisors

cc: Courtney A. Zwart
Jane M. Dannenhauer
Jeffrey A. Thiel

STC

THE WHITE HOUSE

WASHINGTON

August 23, 1991

MEMORANDUM FOR PHIL BRADY

FROM: JAN NAYLOR
Deputy Assistant to the President
and Deputy Director of Presidential Personnel

SUBJECT: Personnel Announcement

The following personnel announcement is ready for release. All necessary clearances have been completed. Please arrange with the Press Office to announce the President's intention to appoint the following individual:

THOMAS JOSEPH MURRIN, of Pennsylvania, to be a Member of the President's Council of Advisors on Science and Technology. This is a new position.

cc: C. Boyden Gray
Fred McClure
Ron Geisler
Katja Bullock

STC

COMPLETED

THE WHITE HOUSE

WASHINGTON

August 23, 1991

MEMORANDUM FOR THE PRESIDENT

FROM: JAN NAYLOR
Deputy Assistant to the President
and Deputy Director of Presidential Personnel

SUBJECT: PA Appointment

Attached for your signature is the necessary document appointing the following individual:

THOMAS JOSEPH MURIN, of Pennsylvania, to be a Member of the President's Council of Advisors on Science and Technology. This is a new position.

You approved this appointment on May 14, 1991.

All necessary clearances have been completed.

STC

S
&
L

COMMISSION

A/72679

MURRIN, Thomas Joseph, of Pennsylvania

NAME **STATE**

To be a Member of the President's Council of Advisors on

POSITION

Science and Technology

Remarks:

Rec'd White House for signature: 9/3/91

Signed: 9/4/91 **Dated:** 9/4/91

Returned to Department: STATE 9/4/91
(DATE)

COMPLETED

MURRIN, Thomas Joseph (R) Pennsylvania

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Com. signed	9/4/91
Com. dated	9/4/91

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
11. Form	Personal Information Form for John P. McTague [social security number redacted] (1 pp.)	8/11/89	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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]
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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]
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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

THE WHITE HOUSE
WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: John Paul McTague

DATE: August 11, 1989

NAME & State: John P. McTague of Michigan
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

VICE:

CURRENT HOME ADDRESS:
3337 Woodlea Drive
Ann Arbor, MI 48103

SEX: M DOB: 11/28/38

BIRTHPLACE: Jersey City, N.J.

PARTY: Republican

HOME PHONE: (313) 747-9034

LEGAL VOTING RESIDENCE:
(City, State)
Ann Arbor, Michigan

CURRENT POSITION & ADDRESS:
Vice President, Research for
Ford Motor Company
P.O. Box 1603
Dearborn, Michigan 48121-1603

SSAN: (b)(6)

RACE: White

WORK PHONE: (313) 322-7105

ETHNIC HERITAGE:

PREVIOUS POSITION HELD:
Acting Director, Office of Science and Technology Policy

FAMILY:
SPOUSE:

CHILDREN: 4

EDUCATION:
B.S., Georgetown University, 1960
Ph.D., Brown University, 1960

MILITARY SERVICE:

AWARDS:

PREVIOUS PRESIDENTIAL APPOINTMENTS:
None

President approved: _____
Security Package/PDS sent: _____
Counsel clearance: _____
OLA Clearance: _____

Bush Library Photocopy

Dr. John P. McTague was elected vice president - Research for Ford Motor Company, in June, 1986.

Dr. McTague, a physical chemist, earned a doctorate from Brown University in 1965. He was a member of the North American Rockwell Science Center in Los Angeles from 1964 to 1970. He then joined the faculty of the University of California at Los Angeles, where he also was a member of the Institute of Geophysics and Planetary Physics. During 1982-83 he was chairman of the National Synchrotron Light Source Department at the Brookhaven National Laboratory in New York and an adjunct professor of chemistry at Columbia University. Following that, he was Deputy Director of the Office of Science and Technology Policy, and served as its Acting Director from January through May, 1986.

He serves on the boards of directors of Ford Aerospace Corporation, Argonne National Laboratories, and the Metropolitan Center for High Technology. He is a member of the Visiting Committee of the National Institute of Standards and Technology and of the Naval Research Advisory Committee. He is U.S. Co-Chairman of the U.S.-Japan Joint High Level Advisory Panel on Cooperation in Research and Development in Science and Technology.

Dr. McTague was born November 28, 1938 in Jersey City, N.J. After attending high school in the New York area, he graduated from Georgetown University in 1960 with a bachelor's degree in chemistry. He is married and has four children.

20 July 1989

PAGE.002

JUL 20 '89 13:17

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
12. Form	Personal Information Form for Daniel Nathans [social security number redacted] (1 pp.)	8/11/89	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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

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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]
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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)]

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(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

THE WHITE HOUSE
WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: Daniel Nathans

DATE: August 11, 1989

NAME & State: Daniel Nathans of Maryland
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

VICE:

CURRENT HOME ADDRESS:
2227 Crest Road
Baltimore, MD 21209

SEX: M DOB: 10/30/28

BIRTHPLACE: Wilmington, Delaware

PARTY: Democrat

HOME PHONE: (301) 367-3280

LEGAL VOTING RESIDENCE:
(City, State)
Baltimore, MD

CURRENT POSITION & ADDRESS:
Professor of Molecular Biology & Genetics and
Senior Investigator, Howard Hughes Medical Institute

SSAN: (b)(6)

RACE: White

WORK PHONE: (301) 955-2382

ETHNIC HERITAGE: Jewish

PREVIOUS POSITION HELD:
Professor and Director, Department of Molecular Biology and Genetics

FAMILY:
SPOUSE: Jo Anne

CHILDREN: 3

EDUCATION:
B.S., University of Delaware, 1950
M.D., Washington University School of Medicine, 1954

MILITARY SERVICE:

AWARDS:
Nobel Prize in Physiology or Medicine, 1978; Councilor, National Academy of Sciences, 1983-86

PREVIOUS PRESIDENTIAL APPOINTMENTS:
None

President approved: _____
Security Package/PDS sent: _____
Counsel clearance: _____
OLA Clearance: _____

Bush Library Photocopy

CURRICULUM VITAE - Daniel Nathans

Born October 30, 1928 in Wilmington, Delaware.
Married with three children.

Education:

1946-50, University of Delaware, Newark, Delaware, B. S. in Chemistry.
1950-54, Washington University School of Medicine, St. Louis, Missouri, M.D.

Postdoctoral Training:

1954-55, Internship in Medicine, Columbia-Presbyterian Medical Center, New York, New York.
1955-57, Clinical Associate, National Cancer Institute, Bethesda, Maryland.
1957-59, Residency in Medicine, Columbia-Presbyterian Medical Center, New York, New York.
1959-62, Guest Investigator, Laboratory of Dr. Fritz Lipmann, The Rockefeller University, New York, New York.

Academic Positions:

1962-65, Assistant Professor of Microbiology, The Johns Hopkins University School of Medicine, Baltimore, MD.
1965-67, Associate Professor of Microbiology.
1967-72, Professor of Microbiology.
1972-81, Professor and Director, Department of Microbiology.
1981-82, Professor and Director, Department of Molecular Biology and Genetics.
1982- University Professor of Molecular Biology and Genetics.
1982- Senior Investigator, Howard Hughes Medical Institute.

Societies:

Alpha Omega Alpha
American Society of Biological Chemists
American Society of Microbiology
Fellow, American Academy of Arts and Sciences
Member, National Academy of Sciences
Member, American Philosophical Society

Honors and Awards:

Selman Waksman Award in Microbiology, 1967.
National Academy of Sciences U.S. Steel Foundation Award in Molecular Biology, 1976.
Nobel Prize in Physiology or Medicine, 1978.
ScD. (hon.) University of Delaware, 1979; Washington University, 1979; Rockefeller University, 1983; Yale University, 1986.

Other Activities:

Member, Editorial Board, Journal of Biological Chemistry, 1969-1974.
Member, Editorial Board, Journal of Molecular Biology, 1972-1978.
Chairman, Committee on Cell Biology and Virology, American Cancer Society, Inc., 1972-1973.
Member, Virus Cancer Program Advisory Committee, National Cancer Institute, 1975-1977.
Member, Board of Scientific Advisors of The Jane Coffin Childs Memorial Fund for Medical Research, 1977-1983.
Consultant to Monsanto Company, 1979-.
Member, Board of Scientific Advisors, Research to Prevent Blindness, 1980-.
Member, Board of Scientific Advisors, American Business Cancer Research Foundation, 1981-.
Councilor, National Academy of Sciences, 1983-1986.
Non-resident Fellow, The Salk Institute, 1983-.

Bibliography

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STC

THE WHITE HOUSE

WASHINGTON

August 23, 1991

COMPLETED

MEMORANDUM FOR PHIL BRADY

FROM: JAN NAYLOR
Deputy Assistant to the President
and Deputy Director of Presidential Personnel

SUBJECT: Personnel Announcement

The following personnel announcement is ready for release. All necessary clearances have been completed. Please arrange with the Press Office to announce the President's intention to appoint the following individual:

A/12e 19 THOMAS JOSEPH MURRIN, of Pennsylvania, to be a Member of the President's Council of Advisors on Science and Technology. This is a new position.

cc: C. Boyden Gray
Fred McClure
Ron Geisler
Katja Bullock

Withdrawal/Redaction Sheet
(George Bush Library)

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13. Form	Personal Information Form for David Packard [social security number redacted] (1 pp.)	8/11/89	(b)(6)	

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Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
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File Location: STC - Science and Technology Advisors, President's Council of

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P-2/P-5 Review Case #:		**Disposition Date:**	
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THE WHITE HOUSE
WASHINGTON

PREPARED BY: Lisa Kaiser for Diane Dracos

NAME: David Packard

DATE: August 11, 1989

NAME & State: David Packard of California
(as it is to appear on official documents)

POSITION: Member, President's Council of Science and Technology Advisors

TYPE: PAS: PA: SES: FT: PT: TERM:

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SSAN: (b)(6)

RACE: White

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ETHNIC HERITAGE: American

PREVIOUS POSITION HELD:
U.S. Deputy Secretary of Defense
January 1969-December 1971

FAMILY:
SPOUSE: Widower

CHILDREN: 4

EDUCATION:
B.A., Stanford University, 1934
E.E., Stanford University, 1939

MILITARY SERVICE: None

AWARDS:

PREVIOUS PRESIDENTIAL APPOINTMENTS:
U.S. Deputy Secretary of Defense (January 1969-December 1971)
White House Science Council
President's Blue Ribbon Council on Defense Management

President approved: _____
Security Package/PDS sent: _____
Counsel clearance: _____
OLA Clearance: _____

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DAVID PACKARD

August 1989

BORN: September 7, 1912 Pueblo, Colorado

MARRIED: Lucile Salter Packard (deceased May 30, 1987)

EDUCATION:
Stanford University - B.A. 1934
Stanford University - E.E. 1939

HONORARY DEGREES:
Doctor of Science, Colorado College, 1964
Doctor of Laws, University of California, 1966
Doctor of Laws, Catholic University, 1970
Doctor of Laws, Pepperdine University, 1972
Doctor of Letters, Southern Colorado State College, 1973
Doctor of Engineering, University of Notre Dame, 1974

BUSINESS:
Hewlett-Packard Company, 1501 Page Mill Road, Palo Alto, Calif.
Co-founder and Partner 1939-1947
President 1947-1964
Chairman of the Board and Chief Executive Officer 1964-1969
U.S. Deputy Secretary of Defense, Washington D.C. January 1969-December 1971
Hewlett-Packard Company, Chairman of the Board, January 1972-

DIRECTOR: (Current only)

Genentech, Inc. 1981-

TRUSTEE:
Herbert Hoover Foundation
American Enterprise Institute
The Hoover Institution
David and Lucile Packard Foundation, President and Chairman, 1964-
Monterey Bay Aquarium Foundation, Chairman, Board of Trustees, 1978-
Monterey Bay Aquarium Research Institute, Chairman and President, 1987-

DAVID PACKARD

ACTIVITIES:

Director, Boeing Co. 1978-86
Director, Caterpillar Tractor Co. 1972-83
Director, Chevron Corp., 1972-85
President, Board of Regents, Uniformed Services University of the Health Sciences 1975-82
The Trilateral Commission 1973-81
Fellow, Institute of Electrical and Electronics Engineers
Member, National Academy of Engineering
Lifetime Member, Instrument Society of America
Member, The Business Council (Past Chairman, December 1972-December 1974)
Member, The Wilson Council
Member, The Business Roundtable
Member, Industries Advisory Committee, The Advertising Council, Inc.
Member, US-USSR Trade & Economic Council Committee on Science & Technology 1975-82
Member, Board of Overseers, Hoover Institution 1972-
Committee on the Present Danger 1975-81
Founding Vice Chairman, The California Roundtable
Director, Alliance to Save Energy 1977-87
Member, White House Science Council 1982-
Director, Wolf Trap Foundation (Vienna, Va.)
Co-founder and past chairman, American Electronics Association
Vice Chairman, California Nature Conservancy 1983-
Chairman, U.S.-Japan Advisory Commission 1983-85
Chairman, Private Sector Council, National Advisory Board 1984-86
Director, National Fish and Wildlife Foundation 1985-87
Member, Commission on Executive, Legislative & Judicial Salaries 1985-
Chairman, President's Commission on Defense Management 1985-86
Trustee, Board of Governors, The Ronald Reagan Presidential Foundation 1986-
Hitachi Foundation Advisory Council 1986-
Honorary Member, National Academy of Public Administration 1988-
Director's Council Exploratorium 1987-
Fellow, American Academy of Arts & Sciences 1988-

CLUBS:

San Francisco: Bohemian, Commonwealth, Engineers Club, Pacific Union, World Trade
Washington, D.C.: Alfalfa Club, Capitol Hill
New York: The Links

Document Originally
Attached to
Following Page

Document Originally
Attached to
Following Page

Document Originally
Attached to
Following Page

for Nancy Burnett's office

Jan,

I spoke w/ several people in Silicon Valley. No one is aware of either daughter being politically active. They have ~~been~~ attended events with their father but I was unable to find any indication of individual activism. The older daughter has been described as "brilliant"

THE WHITE HOUSE
WASHINGTON

CF –
pls. use your connections to quietly check the daughters out
thanks
/e

Clayton –

Do you know David Packard's daughters?

Mentioned on 3rd pg of this article?

T Chuck Quackenbush

pls return article when reviewed.

No

Alpha

Thus is an insatiable appetite
nothing like it!

February 27, 1990

Biographical Summary

Name: David Woodley Packard

Date of birth: Oct 7, 1940
Place of birth: Palo Alto, California

Wife: Pamela Morgan Packard (married since 1964)
Children: Arianna Lysandra Packard (born 1979)
David Alfred Woodley Morgan Packard (born 1982)

Education: Stanford (BA in Classics, 1962)
Harvard (PhD in Classics, 1967)

Fellowship: Postdoctoral Fellow of the Harvard Computing Center "on the IBM Donation" 1967-1968

Employment: Assistant Professor of Classics
University of California at Los Angeles
1968-1974

Visiting Professor
University College, London
1974-1975

Associate Professor of Classics
University of North Carolina at Chapel Hill
1975-1977

Publications:

A Concordance to Livy (4 volumes)
Harvard University Press (1968)

Minoan Linear A
University of California Press (1974)

A Bibliography of Homeric Scholarship
(with Tania Meyers)
Undena Publications (1974)

A Concordance to the Sermons of Bishop Zeno of Verona
American Philological Association (1974)

Various papers in learned journals

Business activity:

1. Founded Ibycus Systems 1978
   Sole proprietorship 1978-1984
   Purchased HP 1000-series computer hardware
   Wrote operating system and application software
   Sold complete system to universities, scholarly presses, and individual scholars.

   Full customer list (through 1984):

   1. University of North Carolina
   2. Dr. Stephen Waite
   3. Scholars Press
   4. Dr. Walter B. Hewlett
   5. Duke University
   6. University of Texas at Austin
   7. Claremont Graduate School
   8. Dr. Richard Whitaker
   9. Polebridge Press
   10. University of California at Irvine
   11. The Institute for Advanced Study
   12. University of Pennsylvania
   13. Princeton University

2. Founded Ibycus Corporation in 1984
   Own roughly 90% of stock
   Chairman of board and president

   Ibycus has developed a "scholarly personal computer" designed specially for work with ancient languages. Ibycus build all of the hardware and supplies all of the software.

   By the end of 1986, Ibycus will have sold somewhat under 50 systems (at $4,000 each). We project sales of a few hundred units in 1987.

   Our customers are all professors and students of ancient languages. We offer what HP would call a "total solution" for these people. I am not aware of any existing solution (apart from the now outdated original Ibycus System) that uses HP equipment.

alpha file
Joseph Profit

Service on other boards

1. The David and Lucile Packard Foundation

   Board member since inception
   Currently vice-president (verify this)

2. The Monterey Bay Aquarium

   Board member since inception

3. The American School of Classical Studies in Athens

   Board member since 1978 (verify date)

4. Member of the Governing Board of the Thesaurus Linguae Graecae Project at the University of California at Irvine since 1980 (verify date)

Other advisory groups

1. Member of the Advisory Council of the Princeton University Classics Department 1984-

2. Member of the "visiting committee" for the Harvard University Linguistics Department (six years in late 1970s)

3. Member of the Computer Advisory Committee of the American Philological Association (various terms since 1968, not current member)

4. Member of the Faculty Computer Committee at the University of California at Los Angeles, 1970-1974

5. Member of the Faculty Computer Committee at the University of North Carolina at Chapel Hill, 1975-1977

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
14a. Resume	Resume of Julie Elizabeth Packard [personal information redacted] (2 pp.)	2/27/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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.
14b. Biography	Biography of Julie Elizabeth Packard [personal information redacted] (1 pp.)	2/27/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
FOIA/SYS Case #:	2005-0336-F	**Appeal Case #:**	
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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)]

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(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

4.24.92

MEMORANDUM FOR JANE DANNENHAUER
HOLLY STEGER
KATJA BULLOCK

FROM: COURTNEY ZWART
OFFICE OF PRESIDENTIAL PERSONNEL
Room 145, x6570

Please initiate appropriate clearances for the following prospective appointee for Presidential Boards and Commissions:

Harold Tafler Shapiro

Data of Birth _____ Place of Birth _____

Who is under serious consideration for appointment as a Member of:

President's Council of Science and Technology Advisors, Member

Sharon Fitzpatrick, Associate Director, Rm. 147, x7590

President approved: 4.9.92

Security Package sent: —

PDS sent: 4.21.92

Counsel Clearance: 7/21/92

Needs 278: Y (N)
(Y = CNSL will send PDS)

OLA Clearance: 10/13/92

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
15. Form	Personal Information Form for Harold T. Shapiro [social security number redacted] (1 pp.)	4/20/92	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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]
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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

THE WHITE HOUSE

WASHINGTON

PREPARED BY: Lisa Yue

NAME:
Harold Tafler Shapiro

DATE:
April 20, 1992

NAME & STATE:
(as to appear on commission of appointment - no nicknames)
Harold T. Shapiro of New Jersey

POSITION: ~~Member~~ Vice Chairman - President's Council of Science and Technology Advisors

TYPE: **PA:** X **PAS:** **SES:** **FT:** **PT:** X **TERM:** Pleasure of the President

VICE:
Bernadine Healy

CURRENT HOME ADDRESS:
83 Stockton Street
Princeton, New Jersey 08540

HOME PHONE:
(609) 258-6750

CURRENT POSITION AND ADDRESS:
President, Princeton University

WORK PHONE:
(609) 258-6100

PREVIOUS POSITION HELD:
Professor of Economics,
Princeton University

EDUCATION:
B of Commerce, McGill Univ (Can)
PhD, Princeton University

PREVIOUS PRESIDENTIAL APPOINTMENTS:
President's Council of Advisors on Science and Technology

SEX: M **DOB:** 6/8/35
BIRTHPLACE: Montreal, Canada
PARTY: Independent
VOTING RESIDENCE: Princeton, NJ
SS# (b)(6)
RACE: White
ETHNIC HERITAGE: Jewish
SPOUSE: Vivian
CHILDREN: Four
MILITARY SERVICE: No
AWARDS: See Resume

1956
1964

President approved: 4/9/92
Security Package sent: → **PDS 278** 4/21/92 (YES OR NO)

Counsel Clearance:
OLA Clearance:

Bush Library Photocopy

HAROLD T. SHAPIRO

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

Dr. Shapiro's previous academic experience has been with the University of Michigan, first as an Assistant Professor of Economics in 1064. 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; and he was named President in 1980, the position he held until 1987.

Dr. Shapiro has served as a member of several industrial, governmental and academic boards and commissions, and has participated actively in many science- and technology-related studies.

Dr. Shapiro received his B. Comm. degree from McGill University, Canada, in 1956 and his Ph.D. in economics from Princeton University in 1964.

Dr. Shapiro, who is an economist, has research interests that encompass the relationship of science and technology to innovation, and economic forecasting and policy analysis.

Harold T. Shapiro

Date/Place of Birth:	6/8/35; Montreal, Canada
Marital Status:	Vivian, 4 kids
Military:	None
Education:	1956, B.A. McGill Univ. 1964, Ph.D., Princeton Univ.
Experience:	**1964-67**, Asst. Prof. of Economics, Univ. of Michigan **1967-70**, Asso. Prof. of Econ., Univ. of MI **1970-76**, Prof. of Econ., Univ. of MI **(1974-77)**, Chairman, Dept. of Econ., Univ. of MI **1977**, Prof. of Economics and Public Policy, Univ. of MI **1977-79**, Vice Pres. for Academic Affairs, Univ. of MI **1980-87**, President, Univ. of MI **1988-pres.**, President, Princeton Univ.

THE WHITE HOUSE

WASHINGTON

DRAFT

October 27, 1992

MEMORANDUM FOR PHIL BRADY

FROM: CONSTANCE HORNER

SUBJECT: Personnel Announcement

The following personnel announcement is ready for release. All necessary clearances have been completed. Please arrange with the Press Office to announce the President's intention to designate the following individual:

HAROLD T. SHAPIRO, of New Jersey, to be Vice Chairman of the President's Council of Advisors on Science and Technology, vice Bernadine Healy.

P.

Does she know that she is off the commission?

↓

- off b/c not "public" anymore.

- Vacancy

cc: C. Boyden Gray
Nicholas Calio
Ron Geisler
Katja Bullock

THE WHITE HOUSE

Office of the Press Secretary

(Paducah, Kentucky)

For Immediate Release October 27, 1992

The President today announced his intention to designate Harold T. Shapiro, of New Jersey, to be Vice Chairman of the President's Council of Advisors on Science and Technology. He would succeed Bernadine P. Healy.

Dr. Shapiro was appointed to be a Member of the President's Council of Advisors on Science and Technology on February 2, 1990.

# # #

THE WHITE HOUSE

Office of the Press Secretary

For Immediate Release October 15, 1992

The President today announced his intention to appoint Harold T. Shapiro, of New Jersey, to be a Member of the President's Council of Advisors on Science and Technology.

Since 1988, Dr. Shapiro has served as President of Princeton University. Prior to this, he served with the University of Michigan as: an Assistant Professor of Economics, 1964-1967; an Associate Professor of Economics, 1967-1970; a Professor of Economics, 1970-1976; Chairman of the Department of Economics, 1974-1977; a Professor of Economics and Public Policy, 1977; Vice President for Academic Affairs, 1977-1979; and President of the University of Michigan, 1980-1987.

Dr. Shapiro was graduated from McGill University (B.A., 1956) and Princeton University (Ph.D., 1964). He was born June 8, 1935 in Montreal, Canada. Dr. Shapiro is married, has four children and resides in Princeton, New Jersey.

# # #

THE WHITE HOUSE

WASHINGTON

COMPLETED

October 15, 1992

MEMORANDUM FOR THE PRESIDENT

FROM: CONSTANCE HORNER

SUBJECT: PA Appointment

Attached for your signature is the necessary document appointing the following individual:

HAROLD T. SHAPIRO, of New Jersey, to be a Member of the President's Council of Advisors on Science and Technology, vice Bernadine Healy.

You approved this appointment on April 9, 1992.

All necessary clearances have been completed.

THE WHITE HOUSE

Office of the Press Secretary

For Immediate Release October 15, 1992

The President today announced his intention to appoint Harold T. Shapiro, of New Jersey, to be a Member of the President's Council of Advisors on Science and Technology.

Since 1988, Dr. Shapiro has served as President of Princeton University. Prior to this, he served with the University of Michigan as: an Assistant Professor of Economics, 1964-1967; an Associate Professor of Economics, 1967-1970; a Professor of Economics, 1970-1976; Chairman of the Department of Economics, 1974-1977; a Professor of Economics and Public Policy, 1977; Vice President for Academic Affairs, 1977-1979; and President of the University of Michigan, 1980-1987.

Dr. Shapiro was graduated from McGill University (B.A., 1956) and Princeton University (Ph.D., 1964). He was born June 8, 1935 in Montreal, Canada. Dr. Shapiro is married, has four children and resides in Princeton, New Jersey.

# # #

THE WHITE HOUSE

WASHINGTON

COMPLETED

October 15, 1992

MEMORANDUM FOR PHIL BRADY

FROM: CONSTANCE HORNER

SUBJECT: Personnel Announcement

The following personnel announcement is ready for release. All necessary clearances have been completed. Please arrange with the Press Office to announce the President's intention to appoint the following individual:

HAROLD T. SHAPIRO, of New Jersey, to be a Member of the President's Council of Advisors on Science and Technology, vice Bernadine Healy.

cc: C. Boyden Gray
Nicholas Calio
Ron Geisler
Katja Bullock

THE WHITE HOUSE

WASHINGTON

DRAFT

October 13, 1992

MEMORANDUM FOR PHIL BRADY

FROM: CONSTANCE HORNER

SUBJECT: Personnel Announcement

The following personnel announcement is ready for release. All necessary clearances have been completed. Please arrange with the Press Office to announce the President's intention to appoint the following individual:

HAROLD T. SHAPIRO, of New Jersey, to be a Member of the President's Council of ~~Science and Technology Advisors~~ Advisors on Sci. & Tech., vice Bernadine Healy.

also Vice Chair?

cc: C. Boyden Gray
Nicholas Calio
Ron Geisler
Katja Bullock

STC

COMPLETED

THE WHITE HOUSE

WASHINGTON

To OLA 7/22

10/13/92

July 21, 1992

MEMORANDUM FOR CONNIE HORNER

FROM: C. BOYDEN GRAY CBG
COUNSEL TO THE PRESIDENT

All necessary clearances from the Counsel's office have been accomplished with regard to the following individual, who is ready for appointment by the President if all other necessary concurrences are in order:

Harold T. Shapiro - Member, President's Council of Science and Technology Advisors

cc: Katie Gillette
Jane M. Dannenhauer
Phyllis R. Anderson

Old A/58908

THE WHITE HOUSE

WASHINGTON

PT
STC

May 15, 1992

Dear Mr. Shapiro:

Congratulations on your prospective appointment to the President's Council on Science and Technology Advisors. Before a final decision on your appointments can be made, certain conflict-of-interest and security clearances must be completed. I am therefore providing you with additional materials for your review and completion. The clearance process cannot begin until you have returned all the necessary forms.

A completed package should consist of:

	Item	Number We Need
1.	Questionnaire for Sensitive Positions (SF-86) and Supplement (SF-86S) plus any attachments (TYPED).	An original and three copies, each with original signatures. (Note that the SF-86 requires two signatures and the Supplement requires one also.)
2.	Tax Check Waiver	Two copies with original signatures.
3.	Fingerprint Charts	Two signed charts.
4.	Response to Personal Data Statement Questionnaire	One Copy, signed and dated. (The response may be on plain paper; you do not need to retype the questions.)

Please return the completed forms to:

Francine Burns
Executive Assistant to the Counsel
The White House
Washington, D.C. 20500

You may xerox forms as needed, as long as you provide original signatures. Questions relating to these materials can be directed to the Counsel's Office at (202) 456-2345.

Please remember that until you appointment is finalized and

announced, your confidentiality is appreciated. We will contact you prior to the announcement.

On behalf of the President, thank you again for your willingness to serve.

Sincerely,

Jacqueline G. Arends
Deputy Associate Director
Office of Presidential Personnel

Mr. Harold T. Shapiro
83 Stockton Street
Princeton, New Jersey 08540

THE PAPER HAS BEEN
4/9/02

THE WHITE HOUSE

WASHINGTON

92 APR 9 A11 : 05

April 8, 1992

MEMORANDUM FOR THE PRESIDENT

FROM: Constance Horner
Director of Presidential Personnel

SUBJECT: Personnel Selection - **President's Council of Science and Technology Advisors**

I. Background

The President's Council of Science and Technology Advisors was established by Executive Order on January 19, 1990 to advise the President on all matters invoving science and technology. The Council shall conduct a continuing review and assessment of developments in science and technology, and shall, through the Chairman report to the President.

II. Term

Members serve at the pleasure of the President.

III. Membership

The Council shall be composed of not more than 15 members, 14 of which shall be distinguished individuals from the private sector to be appointed by the President.

The current composition of the Council is as follows:

	NAME	STATE	APPOINTMENT DATE
*	Bernadine Healy	OH	02/02/90
	Norman Borlaug	TX	02/02/90
	Solomon Buchsbaum	NJ	02/02/90
	Charles Drake	VT	02/02/90
	Ralph Gomory	NY	02/02/90
	Mary Good	NJ	11/22/91
	Peter Likins	PA	02/02/90
	Thomas Lovejoy	VA	02/02/90
	John McTague	MI	02/02/90
	Thomas Murrin	PA	09/04/91
	Daniel Nathans	MD	02/09/90

David Packard	CA	02/02/90
Harold Shapiro	NJ	02/02/90

* Resigning

IV. Recommendations

Secretary Skinner, Dr. Bromley and I recommend you approve for designation the following individual:

HAROLD T. SHAPIRO, of New Jersey, to be designated Vice Chairman of the President's Council of Advisors on Science and Technology, vice Bernadine Healy. Dr. Shapiro has served on the Council since its inception in 1990. Dr. Shapiro is President of Princeton University and an economist by profession.

APPROVE CM 4-9 DISAPPROVE_____

Upon your approval, a full-field FBI investigation and legislative clearance will be initiated. Announcement of your intention to appoint this individual will be made as soon as the necessary clearances are completed.

THE WHITE HOUSE
WASHINGTON

August 28, 1989

Dear Dr. Shapiro:

Congratulations on your prospective appointment to be a Member of the President's Council of Science and Technology Advisors.

In connection with this appointment, it will be necessary for you to complete the enclosed forms. Please return this information at your earliest convenience to:

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

Any questions relating to the completion of these forms should be directed to his office.

Sincerely,

Jan Naylor
Special Assistant to the President
and Associate Director of Presidential Personnel

Dr. Harold T. Shapiro
83 Stockton Street
Princeton, NJ 08540

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 -

DECISION MEMO CHECKLIST

Name Shapiro, Harold T

Board Science & Technology Advisors

Staff Diane Dracos

Date Memo Submitted _____

Date President Signed Memo _____

Which Security Package _____

Bio Form Done - Ready to Type _____

Bio Form Given to Becky 8-1-89

Congrats Letter Given to Jan _____

Congrats Letter Sent 8-28-89

Clearance From Counsel _____

Legislative Clearance _____

Press Release: ( ) intention to nominate
( ) intention to appoint

Thank You For Your Sevice Letters:

Termed _____

POP _____

Resignation Letter Received _____

Notifications: ( ) Senators
( ) Congressmen
( ) Recommenders
( ) Board or Agency

Also RANS:

THE WHITE HOUSE

WASHINGTON

DATE: 8.14

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:

Solomon JAN Buchsbaum
John Paul McTAGUE
PETER William LIKINS
Thomas EUGENE LOVEJOY
RALph Edward GOMORY
CHARLES Lum DRAKE
DAVID (NMN) PACKARD
BERNADINE PATRICIA HEALY
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: _____

✓ Security forms 8/29/89

✓ PDS sent: 8/29/89 OLA cleared: _____

Counsel Clearance: _____

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
16. List	List of President's Council of Science and Technology Advisors [account numbers redacted] (1 pp.)		(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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)]

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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

THE WHITE HOUSE

WASHINGTON

DATE: 8.14

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:

HAROLD TAFLER SHAPIRO
WALTER EUGENE MASSEY
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: _____

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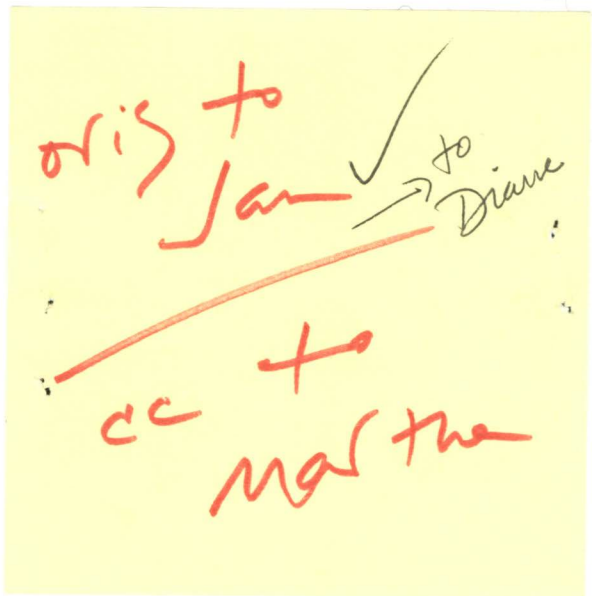

Document No. 068511

WHITE HOUSE STAFFING MEMORANDUM

DATE: 08/30/89 **ACTION/CONCURRENCE/COMMENT DUE BY:** C.O.B. Tuesday 9/5

SUBJECT: PROPOSED EXECUTIVE ORDER ENTITLED "PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY"

	ACTION	FYI		ACTION	FYI
VICE PRESIDENT	☐	☑	MCCLURE	☑	☐
SUNUNU	☐	☑	NEWMAN	☐	☐
SCOWCROFT	☐	☐	PORTER	☑	☐
DARMAN	☐	☐	STUDDERT	☐	☐
BATES	☑	☐	UNTERMEYER	☐	☐
BREEDEN	☐	☐	OSTP		☑
CARD	☐	☑	CLERK	☐	☑
CICCONI	☐	☑	_____	☐	☐
DEMAREST	☑	☐	_____	☐	☐
FITZWATER	☐	☑	_____	☐	☐
GRAY	☑	☐	_____	☐	☐
HAGIN	☐	☐	_____	☐	☐

REMARKS:

Please provide any comments/recommendations directly to my office by C.O.B. on Tuesday, 09/05. Thanks.

RESPONSE:

James W. Cicconi
Assistant to the President
and Deputy to the Chief of Staff
Ext. 2702

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF MANAGEMENT AND BUDGET
WASHINGTON, D.C. 20503

THE DIRECTOR

August 21, 1989

MEMORANDUM FOR THE PRESIDENT

FROM: Richard G. Darman
Director

SUBJECT: Proposed Executive Order Entitled "President's Council of Advisors on Science and Technology"

SUMMARY: This memorandum forwards for your consideration a proposed Executive order, prepared by the Office of Science and Technology Policy, that would establish a council to advise you on matters involving all areas of science and technology.

BACKGROUND: On February 9, 1989, you announced your intention to create, as soon as feasible, an advisory council of distinguished individuals to advise you on issues and topics involving science and technology. The proposed Executive order would implement your decision by establishing the "President's Council of Advisors on Science and Technology" ("Council").

The Council would be composed of not more than 15 members, 14 of whom would be distinguished individuals appointed by you from the private sector. The Director of the Office of Science and Technology Policy would serve as Chairman of the Council, and the Vice-Chairman would be appointed by you from among the 14 private sector members.

The Council would advise you on matters involving all areas of science and technology. It would conduct a continuing review and assessment of developments in science and technology and would invite panels of experts to investigate and report to the Council on specific issues of national consequence.

None of the affected agencies objects to the proposed Executive order.

RECOMMENDATION: I recommend that you sign the attached Executive order.

Attachment

U.S. Department of Justice

Office of Legal Counsel

Office of the
Assistant Attorney General

Washington, D.C. 20530

August 30, 1989

MEMORANDUM

Re: Proposed Executive Order entitled
"President's Council of Advisors
on Science and Technology

The attached proposed Executive Order has been submitted by the Office of Science and Technology Policy in the Executive Office of the President. The Office of Management and Budget, with the approval of the Director, has forwarded it to this Department for review of its form and legality.

The proposed Order will establish a council to advise the President on matters involving all areas of science and technology. The council, which would be composed of the Director of the Office of Science and Technology and no more than fourteen individuals from the private sector, would conduct a continuing review and assessment of developments in science and technology and would invite panels of experts to report to the council on specific issues of national consequence.

The proposed Order is acceptable with respect to its form and legality.

William P. Barr
Assistant Attorney General
Office of Legal Counsel

U.S. Department of Justice

Office of Legal Counsel

Office of the
Assistant Attorney General

Washington, D.C. 20530

August 30, 1989

The President,

The White House.

My dear Mr. President:

I am herewith transmitting a proposed Executive Order entitled "President's Council of Advisors on Science and Technology." This proposed Executive Order has been submitted by the Office of Science and Technology Policy in the Executive Office of the President. The Office of Management and Budget, with the approval of the Director, has forwarded it to this Department for review of its form and legality.

The proposed Executive Order is approved with respect to form and legality.

Respectfully,

WPBarr

William P. Barr
Assistant Attorney General
Office of Legal Counsel

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF MANAGEMENT AND BUDGET
WASHINGTON, D.C. 20503

August 21, 1989

Honorable Dick Thornburgh
United States Attorney General
Washington, D.C. 20503

Dear Mr. Attorney General:

Enclosed, in accordance with the provisions of Executive Order No. 11030, as amended, is a proposed Executive order entitled "President's Council of Advisors on Science and Technology." The proposed Executive order, which was prepared by the Office of Science and Technology Policy in the Executive Office of the President, would establish a council to advise the President on matters involving all areas of science and technology.

On February 9, 1989, the President announced his intention to create, as soon as feasible, an advisory committee of distinguished individuals that would advise him on issues and topics involving science and technology. The proposed Executive order would implement his decision by establishing the "President's Council of Advisors on Science and Technology" ("Council").

The Council would be composed of not more than 15 members, 14 of whom would be distinguished individuals appointed by the President from the private sector. The Director of the Office of Science and Technology Policy would serve as Chairman of the Council, and the Vice-Chairman would be appointed by the President from among the 14 private sector members.

The Council would advise the President on matters involving all areas of science and technology. It would conduct a continuing review and assessment of developments in science and technology and would invite panels of experts to investigate and report to the Council on specific issues of national consequence.

Your staff may direct any questions concerning this proposed Executive order to Mr. Mac Reed of this office (395-5600).

This proposed Executive order has the approval of the Director of the Office of Management and Budget.

Sincerely,

Robert G. Damus

Robert G. Damus
Acting General Counsel

Enclosures

EXECUTIVE ORDER

- - - - - - -

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, 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 panels of experts to investigate and report to the Council on specific issues of national consequence.

Sec. 3. Administration. 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. 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 Committee shall terminate on June 30, 1991, unless sooner extended.

THE WHITE HOUSE,

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
17. List	List of President's Council of Science and Technology Advisors [account numbers redacted] (1 pp.)	3/2/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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]
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Diane -
for your files
/e.

THE WHITE HOUSE
WASHINGTON

TO: CHASE UNTERMEYER

FROM: **JAMES W. CICCONI**
Assistant to the President and
Deputy to the Chief of Staff

Document Originally
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Please clear the attached before it is sent to the President. Once the President has signed off, counsel will have final clearances prepared.

Let me know...
(Am also sending to JHS)

Jim 9/14/89

Document Originally
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Following Page

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20506

September 14, 1989 89 SEP 14 A8:24

ACTION

MEMORANDUM FOR THE PRESIDENT

FROM: D. ALLAN BROMLEY

SUBJECT: PRESIDENTIAL APPROVAL OF MEMBERS FOR THE PRESIDENT'S COUNCIL OF ADVISORS ON SCIENCE AND TECHNOLOGY (PCAST)

I. ACTION-FORCING EVENT: The names of 12 persons are being submitted for your approval as members of the new President's Council of Advisors on Science and Technology (PCAST). Upon approval, these individuals will undergo the normal clearance process for members of a Presidential Council.

II. ANALYSIS: The formation of PCAST is one of the Presidential initiatives outlined in Building a Better America. Pursuant to our meeting on June 23, 1989, we discussed the membership for PCAST. During that meeting, you gave verbal agreement to a list (attached) of candidate members. I am now seeking your formal approval of these individuals.

III. RECOMMENDATION: I recommend approval of the attached list of candidate members.

IV. DECISION:

___ approve ___ approve as amended ___ reject ___ no action

Attachment A - List, candidate members

NOMINEES FOR MEMBERSHIP

ON THE

PRESIDENT'S COUNCIL

OF

SCIENCE AND TECHNOLOGY ADVISERS
(PCAST)

June 23, 1989

NOMINEES FOR MEMBERSHIP ON THE

PRESIDENT'S COUNCIL OF SCIENCE AND TECHNOLOGY ADVISERS (PCAST)

The following individuals have agreed to serve as members of the President's Council if so requested.

1. NORMAN BORLAUG — Agriculture
Professor, Department of Soils and Crop Sciences
Texas A&M University

Also a Nobel laureate, Borlaug is the father of the Green Revolution. He has done much of his work at the Institute for Maize and Wheat Improvement in Mexico City but is a U.S. citizen. His credentials as an agricultural pioneer, as an environmentalist, and throughout the Third World are impeccable. I have worked with him on the Indo-U.S. Presidential Science and Technology Initiative and found him to be extremely effective.

2. SOLOMON BUCHSBAUM — Industrial Engineer/ Military Science
Executive Vice President
AT&T Bell Laboratories

Sol Buchsbaum, an ex-Canadian, happens to be one of the wisest men I know. He served on PSAC for a number of years, was chairman of WHSC for its entire existence, and is completely at home both in the private sector world and in Washington. He has special expertise in matters of military science and technology, in communication and computer science and in industrial manufacturing.

3. CHARLES DRAKE — Earth Sciences
Professor of Geology and Geophysics
Dartmouth College

Drake is one of the nation's most highly respected earth scientists; he was awarded the National Medal of Science in 1987. Over the years, he has served with distinction on just about every significant committee in the earth sciences -- both nationally and internationally. I have worked with him on National Academy/National Research Council panels and have been much impressed by the breadth of his expertise and his statesmanship.

4. RALPH GOMORY Mathematics/Foundation
Senior Vice President
for Science and Technology, IBM
President, Sloan Foundation

Gomory is a very highly respected professional mathematician who served for many years as IBM's Director of Research -- then Chief Scientist. He has just retired from IBM to become President of the Sloan Foundation. His IBM experience in technology transfer, high-tech manufacturing, international sales, etc., together with his Foundation connections, would make him a powerful addition to the Council. I have worked with him on a number of panels and have been much impressed by his judgment and creativity.

5. BERNADINE HEALY Biomedicine
Director of Research, Cleveland Clinic
President, American Heart Association

A professional cardiologist, Healy held a professorship in the Johns Hopkins University Medical School before joining Jay Keyworth as Deputy Director of OSTP for two years prior to accepting her current post. During the past year she was a member of Bill Graham's White House Science Council. She is broadly experienced in the biomedical area, and I have served with her on a number of panels and committees where I have been much impressed by her wisdom, common sense and professionalism.

I would suggest that Healy be made Vice Chairman of the Council.

6. PETER LIKENS Academic Engineer
President, Lehigh University

An electrical engineer by training, Likens has gained international visibility as President of Lehigh -- a representative of an academic constituency that is frequently neglected but of ever-growing importance: the relatively small, high quality engineering school. He was a very constructive, thoughtful member of the Packard-Bromley WHSC Panel on the Health of U.S. Colleges and Universities and would be a very effective Council member.

7. THOMAS LOVEJOY Environmentalist
Assistant Secretary for External Affairs
Smithsonian Institution

Lovejoy was a student of Evelyn Hutchinson at Yale and was one of the earliest ecologists. Formerly Vice President for Research at the World Wildlife Fund, he has gained an international reputation for his work in international environmental and ecological science. He has played an important role in current efforts to retain substantial sections of the Brazilian tropical rain forests. I have served with him on the President's U.S./Brazil Blue Ribbon Panel and, during the past year, on Bill Graham's WHSC. He brings a deep knowledge of environmental science as well as experience in international activities and sound judgment to any panel.

8. WALTER MASSEY Physicist/National Laboratory
Vice President for Research
University of Chicago

One of the most distinguished black scientists, Massey is a solid state physicist/chemist. From Dean of the Graduate School at Brown University, he became Director of the Argonne National Laboratory and then took up his present post where he remains responsible for the management of Argonne. He served for six years as a member of the National Science Board and is currently President of AAAS. I have worked with him in many capacities and believe that he would be a very effective, thoughtful member of the Council.

9. JOHN McTAGUE Chemistry
Vice President and Director of Research
Ford Motor Company

A chemist by profession, McTague was Director of the National Synchrotron Light Source at Brookhaven before joining Jay Keyworth's OSTP as Assistant Director for Physical Sciences. On Jay's retirement, McTague served for almost a year as Acting Director of OSTP before going on to Ford. He has been extremely successful in increasing Ford's interest in, and support for, research. His industrial, Brookhaven and Washington experience would make him a very effective Council member.

10. DANIEL NATHANS Microbiology
Boury Professor of Microbiology
Johns Hopkins University

A Nobel laureate for his work in microbiology, Nathans is one of the true pioneers in the field of recombinant DNA and its offspring, biotechnology. He has devoted much of his research to the understanding of tumor viruses and their role in the induction of cancer. He has an outstanding reputation throughout his field both for research and for statesmanship.

11. DAVID PACKARD Industrial Engineer
Chairman of the Board of the
Hewlett-Packard Company and of the
David and Lucile Packard Foundation

As one of the **fathers** of Silicon Valley, with an enviable track record both in industry and government (Defense Department), and as a member or chairman of a great number of influential panels and commissions, Packard brings a unique background to any deliberation. He was a very effective member of the White House Science Council during the Reagan Administration, in addition to his many individual activities for President Reagan, e.g., his study of contracting in the Defense Department.

12. HAROLD SHAPIRO Academic/Social Science
President, Princeton University Economist

An economist by profession, Shapiro was formerly President of the University of Michigan. He has participated actively in science and technology related studies for NAS and AAAS and is one of the very few social scientists known to me who finds it easy to work effectively with scientists and engineers. I believe that it will be important symbolically for us to have a social scientist of impeccable repute on the Council. The absence of such a person damaged the credibility of the WHSC and the later PSACs.

STC

THE WHITE HOUSE
WASHINGTON

COMPLETED

January 31, 1990

MEMORANDUM FOR CHASE UNTERMEYER

FROM: C. BOYDEN GRAY
COUNSEL TO THE PRESIDENT

All necessary clearances from the Counsel's office have been accomplished with regard to the following individuals. They are ready for appointment by the President if all other necessary concurrences are in order:

President's Council of Science and Technology Advisors:

Charles L. Drake
Ralph E. Gomory
Peter W. Likins
John P. McTague
Daniel Nathans
Harold T. Shapiro
David Packard

cc Becky Armendariz
Jane Dannenhauer
Benjamin P. Dean

WEM
Pls get commissions
data entry is done

COMPLETED

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

Solomon J. Buchsbaum, of New Jersey, has been Senior Vice President, Technology Systems, at AT&T Bell Laboratories since 1979. His early career included work at the MIT Research Laboratory of Electronics. He received his Ph.D. in physics from MIT 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, he was named Vice President for Research at the Sandia Laboratories and served 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, 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.

# # #

Withdrawal/Redaction Sheet
(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
18. Memorandum	To: James Cicconi From: Chase Untermeyer Re: Personnel Announcement [account numbers redacted] (2 pp.)	2/1/90	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Personnel, White House Office of
Series: Bullock, Katja, Files
Subseries: Boards and Commissions Files
WHORM Cat.:
File Location: STC - Science and Technology Advisors, President's Council of

Date Closed:	1/7/2010	**OA/ID Number:**	07828-014
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

STC

THE PRESIDENT HAS SEEN
5/14/91

THE WHITE HOUSE

WASHINGTON

91 MAY 13 PM 4:55

May 7, 1991

MEMORANDUM FOR THE PRESIDENT

FROM: CHASE UNTERMEYER CU/13 May
Director of Presidential Personnel

SUBJECT: Personnel Selection - **President's Council of Science and Technology Advisors**

COMPLETED

I. Background

The President's Council of Science and Technology Advisors was established January 19, 1990 by Executive Order 12700 for the purpose of providing high-level advice directly to the President on a wide range of important issues concerning science and technology.

II. Term

Members serve at the pleasure of the President.

III. Membership

The Council shall be composed of not more than 15 members, 14 of which shall be distinguished individuals from the private sector to be appointed by the President.

The current composition of the Council is as follows:

NAME	STATE	APPOINTMENT DATE
Bernadine Healy	OH	02/02/90
Norman Borlaug	TX	02/02/90
Solomon Bucshbaum	NJ	02/02/90
Charles Drake	VT	02/02/90
Ralph Gomory	NY	02/02/90
Peter Likins	PA	02/02/90
Thomas Lovejoy	VA	02/02/90
Daniel Nathans	MD	02/09/90
David Packard	CA	02/02/90
Harold Shapiro	NJ	02/02/90

IV. Recommendations - Select 2.

Governor Sununu, Dr. Bromley and I recommend you approve for appointment the following individuals:

THOMAS MURRIN, of Pennsylvania, to be a member of the President's Council of Science and Technology Advisors, a new position. Mr. Murrin is the former Deputy Secretary of Commerce and recently served as Chairman of the President's Commission on the Federal Appointment Process. Mr. Murrin was President of Westinghouse Energy and Advance Technology Group from 1983 to 1987. (Part-time PA position serving at the pleasure of the President).

APPROVE CJ DISAPPROVE _____

MARY GOOD, of New Jersey, to be a member of the President's Council of Science and Technology Advisors, a new position. Mrs. Good is the Senior Vice President of Technology for Allied-Signal, Inc. She has served on the President's National Science Board since 1986 and is President of the American Chemical Society. (Part-time PA position serving at the pleasure of the President).

APPROVE GB DISAPPROVE _____

Upon your approval, FBI full-field investigations and legislative clearances will be initiated. Announcement of your intention to appoint these individuals will be made as soon as the necessary clearances are completed.

4/9 92 STC

THE WHITE HOUSE

WASHINGTON

COMPLETED

92 APR 9 AM : 05

April 8, 1992

MEMORANDUM FOR THE PRESIDENT

FROM: Constance Horner
Director of Presidential Personnel

SUBJECT: Personnel Selection - **President's Council of Science and Technology Advisors**

I. Background

The President's Council of Science and Technology Advisors was established by Executive Order on January 19, 1990 to advise the President on all matters invoving science and technology. The Council shall conduct a continuing review and assessment of developments in science and technology, and shall, through the Chairman report to the President.

II. Term

Members serve at the pleasure of the President.

III. Membership

The Council shall be composed of not more than 15 members, 14 of which shall be distinguished individuals from the private sector to be appointed by the President.

The current composition of the Council is as follows:

	NAME	STATE	APPOINTMENT DATE
*	Bernadine Healy	OH	02/02/90
	Norman Borlaug	TX	02/02/90
	Solomon Buchsbaum	NJ	02/02/90
	Charles Drake	VT	02/02/90
	Ralph Gomory	NY	02/02/90
	Mary Good	NJ	11/22/91
	Peter Likins	PA	02/02/90
	Thomas Lovejoy	VA	02/02/90
	John McTague	MI	02/02/90
	Thomas Murrin	PA	09/04/91
	Daniel Nathans	MD	02/09/90

David Packard	CA	02/02/90
Harold Shapiro	NJ	02/02/90

* Resigning

IV. Recommendations

Secretary Skinner, Dr. Bromley and I recommend you approve for designation the following individual:

HAROLD T. SHAPIRO, of New Jersey, to be designated Vice Chairman of the President's Council of Advisors on Science and Technology, vice Bernadine Healy. Dr. Shapiro has served on the Council since its inception in 1990. Dr. Shapiro is President of Princeton University and an economist by profession.

APPROVE GM 4-9 DISAPPROVE_____

Upon your approval, a full-field FBI investigation and legislative clearance will be initiated. Announcement of your intention to appoint this individual will be made as soon as the necessary clearances are completed.

HAROLD T. SHAPIRO

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

Dr. Shapiro's previous academic experience has been with the University of Michigan, first as an Assistant Professor of Economics in 1064. 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; and he was named President in 1980, the position he held until 1987.

Dr. Shapiro has served as a member of several industrial, governmental and academic boards and commissions, and has participated actively in many science- and technology-related studies.

Dr. Shapiro received his B. Comm. degree from McGill University, Canada, in 1956 and his Ph.D. in economics from Princeton University in 1964.

Dr. Shapiro, who is an economist, has research interests that encompass the relationship of science and technology to innovation, and economic forecasting and policy analysis.

12 **COMMISSION** S

TODL 2/7 S. & L

(SEE ATTACHED)

NAME **STATE**

To be a Member of the President's Council of Advisors

POSITION

on Science and Technology

Remarks:

Rec'd White House for signature: 2/7/90

Signed: 2/9/90 **Dated:** 2/12/90

Returned to Department: STATE 2/12/90 **(DATE)**

✓ To be returned to Clerk for delivery to CSTT

7 S & L

BORLAUG, Norman E., of Texas
BUCHSBAUM, Solomon J., of New Jersey
DRAKE, Charles L., Vermont
GOMORY, Ralph E., of New York
HEALY, Bernadine P., of Ohio
LIKINS, Peter W., of Pennsylvania
LOVEJOY, Thomas E., of Virginia
MASSEY, Walter E., of Illinois
McTAGUE, John P., of Michigan
NATHANS, Daniel, of Maryland
PACKARD, David, of California
SHAPIRO, Harold T., of New Jersey

BORLAUG, Norman E. (R) Texas

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

BUCHSBAUM, Solomon J. ( ) New Jersey

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

DRAKE, Charles L. ( ) Vermont

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

GOMORY, Ralph E. (I) New York

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

HEALY, Bernadine P. (R) (Ohio)

Designated as Vice Chairman of the President's Council of Advisors on Science and Technology.

By ORDER: 2/2/90.

HEALY, Bernadine P. (R) Ohio

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

LIKINS, Peter W. (D) Pennsylvania

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

LOVEJOY, Thomas E. (I) Virginia

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

MASSEY, Walter E. ( ) Illinois

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

McTAGUE, John P. (R) Michigan

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

NATHANS, Daniel (D) Maryland

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

	NOT TO SENATE
Nominated	
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

SHAPIRO, Harold T. (I) New Jersey

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	

PACKARD, David (R) California

To be a Member of the President's Council of Advisors on Science and Technology. (New Position)

Nominated	NOT TO SENATE
Confirmed	XX
Res. rec'd	XX
Res. to	XX
Com. signed	2/9/90
Com. dated	2/2/90
Com. ret'd	