

Originally Processed With FOIA(s):
2005-0332-F; 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: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Organization Files - NSF

OA/ID Number: 62075
Folder ID Number: 62075-006

Folder Title:
National Science Foundation (NSF) [1991]

Stack:

Row:

Section:

Shelf:

Position:

0

0

0

0

THE WHITE HOUSE

WASHINGTON

January 2, 1991

MEMORANDUM FOR GOVERNOR SUNUNU

FROM: ALLAN BROMLEY *Alan*

SUBJECT: NSF RELOCATION

The enclosed chronology provided by Bernthal, is self-explanatory. Erich Bloch, then Director of NSF initiated move discussions in 1985, but there has been no action, as would be required, by the National Science Board and no appropriation for the move. GSA is forcing the issue--I suspect under some considerable pressure from members of the Virginia delegation.

The current NSF management opposes the move for many reasons. Among them are:

1. Having already suffered a \$40 million cut below its expected funding level in Fy 1991, NSF cannot accept reprogramming of additional research funding toward the move.
2. The NSF General Counsel advises that NSF cannot legally move without an appropriation for the move and without NSB explicit approval.
3. Were NSF to move to Ballston, Virginia, it would be the only major federal department headquartered outside of the District. It is the NSF's belief that this will substantially hamper its recruitment of the professionals it wants, will seriously reduce its efficiency, will significantly reduce its communication with other federal agencies and will use scarce resources at a time when they are urgently needed in support of NSF's major research mission.
4. Such relocation of NSF will send an unfortunate message to the Nation concerning the importance and status of science and technology in the Bush Administration.

For all these reasons I consider the move to be a mistake for the foreseeable future; without your help however, it appears that GSA is prepared to push the issue. There are certainly far more important substantive issues facing Massey and Bernthal and quite apart from anything else it will be unfortunate should a large fraction of their time and attention be diverted to fighting, or planning for, an unnecessary and, in my view, highly undesirable move.

Enclosure

RELOCATION HISTORY

- 0 1985 NSF-INITIATED DISCUSSION WITH GSA ON BUILDING.
- 0 10/88 PROSPECTUS APPROVED BY PUBLIC WORKS COMMITTEE (SENATOR MIKULSKI DELAYED TO ENSURE METROPOLITAN-WIDE SEARCH).
- 0 12/88 PROCUREMENT BEGUN, ULTIMATELY RESULTING IN FOUR CANDIDATE LOCATIONS: 2 IN VIRGINIA, 2 IN D.C. LATE MARYLAND ENTRY DROPPED BY GSA.
- 0 6/90 HOUSE APPROPRIATIONS COMMITTEE DELETES \$5.5 M FOR RELOCATION FROM FY 1991 NSF BUDGET:
- "THIS REDUCTION IS TAKEN WITHOUT PREJUDICE AND WILL BE REVIEWED IN THE FUTURE PENDING RECEIPT OF ADDITIONAL DATA CONCERNING AN ACTUAL SITE FOR NSF FUNCTIONS."
- 0 8/2/90 GSA LETTER TO BLOCH RECOMMENDS BALLSTON VIRGINIA SITE FOR NSF DECISION, REQUESTS SIGNATURE OF ACCEPTANCE.
- 0 9/13/90 SENATE APPROPRIATIONS FAILS TO RESTORE \$5.5M:
- "THE COMMITTEE HAS INCLUDED BILL LANGUAGE THAT PROHIBITS THE (NSF) THROUGH THE USE OF ITS OWN FUNDS, OR THAT OF ANY OTHER FEDERAL AGENCY, TO RELOCATE THE NSF HEADQUARTERS BUILDING OR ANY NSF STAFF OFFICES."
- 0 9/10/90 BERNTHAL WRITES SENATOR MIKULSKI ASKING FOR DELETION OF RESTRICTIVE LANGUAGE.
- 0 10/18/90 APPROPRIATIONS CONFERENCE FAILS TO RESTORE RELOCATION FUNDING, BUT WITHOUT PREJUDICE:
- "THE CONFEREES AGREE THAT IF NSF AND THE GENERAL SERVICES ADMINISTRATION REACH AN AGREEMENT ON THE NSF RELOCATION ISSUE, THE COMMITTEES ON APPROPRIATIONS WILL CONSIDER A REPROGRAMMING OF FUNDS."
- 0 10/18/90 GSA LETTER TO BERNTHAL REQUESTING ACCEPTANCE OF BALLSTON SITE.
- 0 10/23/90 GSA OFFERS TO PAY \$500K IN FY91 TOWARD MOVE, AND \$500K IN FY93 FOR PHYSICAL MOVE COSTS. (NSF ANTICIPATES TOTAL MOVE COSTS OF \$17M)

- 0 11/6/90 BERNTHAL RESPONSE TO GSA: BASED ON NSF BUDGET CONSTRAINTS, CANNOT RESPONSIBLY COMMIT TO RELOCATION.
- 0 11/17/90 BERNTHAL RESPONDS TO SENATORS WARNER AND ROBB CITING BUDGET REASONS FOR NO MOVE.
- 0 11/19/90 NSF RECEIVES NOVEMBER 16 GSA LETTER URGING ACCEPTANCE OF BALLSTON SITE.
- 0 11/30/90 GSA LETTER TO BERNTHAL DIRECTS NSF TO RELOCATE TO THE BALLSTON SITE. OFFERS APPEAL TO GSA ADMINISTRATOR WITHIN 15 DAYS.
- 0 12/14/90 BERNTHAL LETTER TO GSA REITERATING NSF DECISION NOT TO RELOCATE, AND DIRECTING GSA TO TAKE NO ACTION THAT WOULD BIND FUTURE NSF APPROPRIATIONS.
- 0 12/19/90, 4:00 P.M. NSF RECEIVES UNDATED LETTER FROM GSA NOTIFYING OF GSA'S FINAL DECISION DIRECTING NSF MOVE. NSF SHORTLY THEREAFTER NOTIFIED BY PHONE GSA HAS SIGNED LEASE FOR NSF BUILDING AT BALLSTON.

FACT SHEET ON NSF RELOCATION
DECEMBER 31, 1990

- 0 ON DECEMBER 19, 1990 NSF WAS NOTIFIED THAT GSA SIGNED A LEASE AGREEMENT TO CONSTRUCT A BUILDING AT THE BALLSTON SITE IN VIRGINIA. NSF DID NOT CONCUR IN THIS ACTION. .
- 0 THE BALLSTON BUILDING IS BUILD-TO-SUIT; CONSTRUCTION HAS NOT YET BEGUN. THE NEW BUILDING WOULD NOT BE AVAILABLE FOR OCCUPANCY BEFORE 1993.
- 0 THE LEASE ON NSF'S CURRENT BUILDING AT 1800 G ST. IN WASHINGTON DOES NOT EXPIRE UNTIL MAY 1995.
- 0 CONGRESS SPECIFICALLY DELETED FROM NSF FY91 APPROPRIATIONS ANY FUNDS FOR RELOCATION COSTS.
- 0 THE NSF INSPECTOR GENERAL HAS QUESTIONED THE LEGALITY OF NSF AGREEING TO ANY MOVE IN THE ABSENCE OF AFFIRMATIVE CONGRESSIONAL APPROPRIATIONS.
- 0 NSF'S COST ESTIMATE FOR RELOCATION, NOT CORRECTED FOR SUBSEQUENT INFLATIONARY DELAYS, WAS \$17 MILLION. GSA PROPOSED APPROXIMATELY \$1 MILLION IN DIRECT ASSISTANCE. ANY REASONABLE ESTIMATE WOULD BE AT LEAST \$15 MILLION.

THE WHITE HOUSE
WASHINGTON

MEMORANDUM FOR DR. BROMLEY

FROM: Kathy L. Super *K Super*
Office of Appointments and Scheduling

SUBJECT: Attached Correspondence

X The attached request has been denied.

 The attached request has been put on Hold.
Please resubmit in for consideration.

We are forwarding a copy to you for your information and any further follow-up you deem appropriate.

*Ken: Sumner suggests we arrange for a
VP swearing in followed by a PhotoOp
in the Oval Office. Will you get this
rolling please.
Duan.*

THE WHITE HOUSE
WASHINGTON
SCHEDULE PROPOSAL

9 FEB 25 PM 3:57

Ann Hall
4245

TO: Kathy Super
Deputy Assistant to the President for
Appointments and Scheduling

FROM: D. Allan Bromley, Assistant to the
President for Science and Technology *Alan*

REQUEST: *A Courtesy visit with by the President with*
~~Drop by to participate in the ceremony to swear in Dr.~~
Walter Massey *to greet*

PURPOSE: *new*
~~Dr. Walter Massey to be sworn in as the~~ Director of the
National Science Foundation *will be*

BACKGROUND: Dr. Massey was nominated by the President in September
1990, and was confirmed by the Senate on February 21,
1991. *will be*

PREVIOUS PARTICIPATION: None

DATE AND TIME: *5 4:30*
(March 4, 10:30 a.m.)

DURATION: 15 minutes

LOCATION: Oval Office

PARTICIPANTS: ~~The Vice President~~
Dr. D. Allan Bromley, Assistant to the President for
Science and Technology, and Mrs. Massey, *Da Walter Massey, Mrs. Massey, Keith Massey + Kenya (baby-born)*

OUTLINE OF EVENT: ~~With the President in attendance, the Vice President will~~
~~swear in Dr. Massey~~ *The President greets Dr Massey,*
and has a few words with him.

REMARKS REQUIRED: None

MEDIA COVERAGE: ~~None~~ *White House Photographer only*

RECOMMENDED BY: D. Allan Bromley

OPPOSED BY:

Bobby Shabazz
+ 6640

Tues 5th EOB-272
Mrs + Mrs Scott Dorman
Dr Fred Bernthal
couples - close friends
Gloria hood, personal friend
and Heather

THE WHITE HOUSE
WASHINGTON
SCHEDULE PROPOSAL

FEB 25 1991

TO: CeCe Kremer
Assistant to the Vice President and
Director of Scheduling

FROM: D. Allan Bromley, Assistant to the
President for Science and Technology *Allan*

REQUEST: Swear in Dr. Walter Massey as Director of the National
Science Foundation

PURPOSE: Dr. Walter Massey to be sworn in as the Director of the
National Science Foundation

BACKGROUND: Dr. Massey was nominated by the President in September
1990, and was confirmed by the Senate on February 21,
1991.

**PREVIOUS
PARTICIPATION:** None

DATE AND TIME: March 4, 10:30 a.m.

DURATION: 15 minutes

LOCATION: Oval Office

PARTICIPANTS: The President
Dr. D. Allan Bromley, Assistant to the President for
Science and Technology, and Mrs. Massey

OUTLINE OF EVENT: With the President in attendance, the Vice President will
swear in Dr. Massey

REMARKS REQUIRED: None

MEDIA COVERAGE: None

RECOMMENDED BY: D. Allan Bromley

OPPOSED BY:

12/18 - Amy

**THE WHITE HOUSE
WASHINGTON**

DATE: November 28, 1990

TO: ALLAN BROMLEY

FROM: GOVERNOR JOHN H. SUNUNU

Will you draft a letter from either
you or me to go to Universities
nationwide explaining the money lost
in the research funds of NSF?

Thanks.

THE WHITE HOUSE
WASHINGTON

January 10, 1991

MEMORANDUM FOR GOVERNOR SUNUNU

FROM: D. ALLAN BROMLEY *Alan*
SUBJECT: LETTER TO UNIVERSITIES ON NSF FUNDING

Recently you asked me to generate a letter that could be sent to universities explaining the last-minute reduction in NSF's FY 1991 research budget. Attached is a draft of such a letter. It has been cleared through OMB and through the appropriate individuals in my office.

Attachment

*If you wish to send this out please do;
if you would prefer that I do it please
let me know.*

Alan

PROPOSED DRAFT LETTER

Dear _____:

Thank you for expressing an interest in the research budget of the National Science Foundation. The Bush Administration has made funding for NSF a centerpiece of its initiatives in science and technology. The fiscal year 1991 budget reiterated the President's commitment to doubling the budget of the National Science Foundation by 1993. It proposed an increase of over 12 percent in the research budget of NSF and an overall increase of more than 14 percent for the Foundation.

For much of the Congressional session, it appeared that Congress would support our proposals for increased support of NSF. However, the new budget agreement -- by instituting a more fiscally responsible and binding division of discretionary spending into three categories: nondefense domestic, defense, and international -- caused last-minute problems with regard to NSF's budget. The new budget agreement prohibited the practice adopted by Congress over the past two years of charging ("scoring") the logistical support services for the U.S. Antarctic Program against the defense portion of the budget, even though the funds for these services are appropriated to and managed by NSF. Instead, the budget agreement correctly required that the funds for these services be scored against the nondefense domestic discretionary portion of the budget. Therefore, Congress had to find an offsetting reduction to keep within the limits set by the agreement. Congress decided to make the reduction by diverting funds from NSF's research budget, leaving the research budget with an increase of just 6.2 percent in fiscal year 1991.

The Administration strongly opposed the scoring of logistics for the U.S. Antarctic Program against the defense budget from the first -- to avoid exactly the situation that occurred. Even so, we feel that the Congress could have found these funds in many of the other areas of spending under its control. Unfortunately, Congress chose to reduce NSF's budget rather than other, lower-priority domestic discretionary activities.

With the five-year budget agreement in place and this issue therefore behind us, the Bush Administration remains committed to investing in our future. Funding for scientific research is one of the most important components of this investment. The new knowledge, products, and processes that derive from research and development result in economic growth and an improved quality of life for all Americans. I know that we can count on your support as we continue to try to double investments in basic research through the National Science Foundation.

Thank you again for your interest in this subject. Feel free to contact me again if there is any way I can be of assistance.

Sincerely,

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01. Handwritten letter	Allan [Bromley] to Walter [Massey] RE: NSF Assistant Director for Engineering (1 pp.)	5/21/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Alphabetical Subject Files
WHORM Cat.:
File Location: National Science Foundation [NSF]

Date Closed:	10/22/2009	OA/ID Number:	08716
FOIA/SYS Case #:	2005-0332-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.

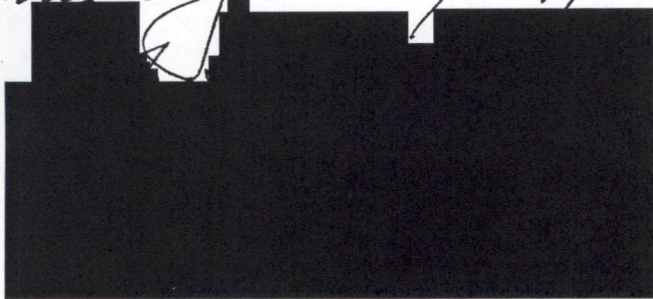
Freedom of Information Act - [5 U.S.C. 552(b)]

(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

(on away) May 21, 1991
Dear Walter:

In response to your request for nominees
for Assistant Director of NSA for
Engineering let me suggest



(b)(6)

I have been very much impressed with
the skill he has demonstrated in pulling
together a consortium of state, federal,
private sector and university participants.
If you can get him I think that he
would be great!

Best regards
Allen

ASSISTANT DIRECTOR FOR ENGINEERING

I. INTRODUCTION

The National Science Foundation (NSF), an independent agency of the Federal Government, was established in 1950 to promote and advance scientific progress in the United States. The Foundation does this primarily by sponsoring scientific and engineering research and by supporting selected activities in science and engineering education.

The NSF Director, Deputy Director, and National Science Board (NSB) members are appointed by the President, with the advice and consent of the Senate. The NSB, consisting of the NSF Director and 24 other distinguished members from the scientific and engineering communities, is the policymaking body of the Foundation. The Director, assisted by the Deputy Director and NSF's Assistant Directors and Office Directors, is responsible for implementing the policy set by the National Science Board and for ensuring the effective and efficient management of Foundation activities and resources.

The NSF organizational structure currently consists of eight Directorates and six Staff Offices.

THE ASSISTANT DIRECTOR, DIRECTORATE FOR ENGINEERING (ENG), is responsible for the conduct of the National Science Foundation's programs which support research and education in all fields of engineering. He or she serves as the Director's principal advisor in matters relating to the purview of the Directorate. The incumbent is responsible for formulating long-range plans, annual programs and priorities, and research policy within the framework of statutory and National Science Board authority.

The Directorate is organized into seven Divisions and one Office under the leadership of Division Directors/Office Heads who report to the Assistant Director. The major program areas supported by the Directorate include chemical and thermal systems; mechanical and structural systems; electrical and communications systems; design and manufacturing systems; biological and critical systems; engineering centers and engineering infrastructure development.

The Directorate for Engineering, which administers an FY91 budget of \$215 million (\$248 million proposed for FY92), has a staff of approximately 115 employees.

(over)

II. MAJOR DUTIES

The Assistant Director is responsible for:

- development, implementation, monitoring, and evaluation of processes for the planning, coordination, program development, and budgeting of research support activities and in policy development for the Directorate.
- serving as the principal advisor to the Director and National Science Board in matters related to science and engineering education.
- preparation, presentation and defense of the Directorate's budget to agency officials, the Office of Management and Budget and the Congress.
- development and fostering of effective liaison with other executive agencies, concerned Congressional and Federal officials, researchers and administrators of educational institutions, members of the scientific and engineering communities, professional societies, and other interested bodies.
- participating with other Assistant Directors and Office Directors on the NSF Executive Council, which provides the NSF Director with advice and recommendations for agency-wide goals and objectives and the overall management of the NSF.
- providing leadership and overall direction to the Directorate through a staff of subordinate managers (Division Directors/Office Head) and performing direct supervisory responsibilities for staff members reporting directly to the Assistant Director.
- furthering equal employment opportunity by demonstrated evidence of fairness in making selections; encouragement and recognition of employee achievements; fair treatment of minority groups, women, and disabled individuals and sensitivity to the developmental needs of all employees.
- ensuring the representation of minority groups, women, and disabled individuals on advisory committees, review panels and all the mechanisms by which the scientific/engineering community provides assistance to NSF.
- overseeing the establishment, maintenance, review and improvement, as necessary, of internal controls by subordinate managers.

III. DIRECTION RECEIVED

The Assistant Director, ENG, receives general policy guidelines from the NSF Director and the National Science Board. The incumbent is responsible to the Director for implementing this policy and for the effective, equitable and efficient management of Directorate programs and resources.

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02. Letter	Eugene Wong to Walter E. Massey RE: NSF Assistant Director for Engineering (1 pp.)	5/16/91	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Alphabetical Subject Files
WHORM Cat.:
File Location: National Science Foundation [NSF]

Date Closed: 10/22/2009 **OA/ID Number:** 08716

FOIA/SYS Case #: 2005-0332-F

Re-review Case #:

P-2/P-5 Review Case #:

AR Case #:

AR Disposition:

AR Disposition Date:

Appeal Case #:

Appeal Disposition:

Disposition Date:

MR Case #:

MR Disposition:

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

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

Daniel
Fry

May 16, 1991

Dear Walter:

Thank you for your invitation to suggest possible candidates for the position of Assistant Director for Engineering.

This position is one of great importance to the engineering community. Being an engineer, I have a strong interest in seeing an outstanding individual appointed. I also think that, this time around, an effort should be made to appoint an electrical engineer to the position.

(b)(6)

I shall give the matter some thought to come up with a list of names for your consideration. However, one name comes immediately to mind, and that is [REDACTED]

By every measure, [REDACTED] is an outstanding candidate for the position. He is a world-class researcher, being one of the foremost authorities in opto-electronics. As such, he is a part of the high-tech world but sufficiently removed from the mainstream to afford him an appropriate perspective. His record and personal qualities are superb, and he enjoys a deservedly high reputation in the profession.

I have had friendly but not close associations with [REDACTED], and I have not queried him on his availability. Although there are financial and career deterrents for him to take such a job, he may well be willing to take up the challenge and opportunity that this appointment would afford him.

With best regards,

Eugene Wong

Eugene Wong
Associate Director
for Physical Sciences and Engineering

The Honorable Walter E. Massey
Director
National Science Foundation
1800 G Street, N.W.
Washington, D.C. 20550

NATIONAL SCIENCE FOUNDATION
WASHINGTON, D.C. 20550



OFFICE OF THE
DIRECTOR

May 3, 1991

Dr. Eugene Wong
Associate Director for Physical
Sciences and Engineering
Office of Science and Technology Policy
NEOB, Room 5026
Washington, DC 20506

Dear Dr. Wong:

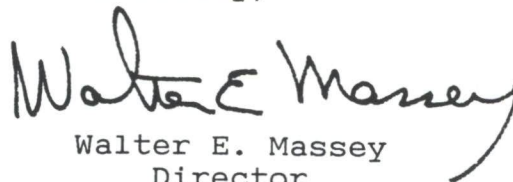
The National Science Foundation (NSF) is seeking candidates for the position of Assistant Director for Engineering. Dr. John A. White, the current incumbent, will be completing his assignment with the NSF in July. We would very much appreciate your assistance in identifying highly qualified individuals.

The Assistant Director, ENG, manages a Directorate which supports research in the following major program areas: Engineering Infrastructure Development, Chemical and Thermal Systems, Electrical and Communications Systems, Mechanical and Structural Systems, Design and Manufacturing Systems, Biological and Critical Systems, and Engineering Centers. The Directorate has a staff of about 115 employees and a budget of approximately \$215 million (\$248 proposed for FY92).

The Assistant Director occupies a Senior Executive Service (SES) position. Employment may be on a temporary or permanent basis in the Federal service or by temporary assignment under provisions of the Intergovernmental Personnel Assignment Act.

I look forward to any help you may be able to offer in this search for candidates with outstanding managerial qualifications and a grasp of the strategic issues facing engineering in education and research. Recommendations of individuals from any sector -- academe, industry or government -- are welcome. So that we can appoint a new Assistant Director as soon as reasonably possible, I am asking that suggestions be provided directly to me by June 7th.

Sincerely,


Walter E. Massey
Director

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9121322

FROM: MASSEY, Walter E.: NATIONAL SCIENCE FOUNDATION

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 05/03/91

SUBJECT: REQUEST FOR CANDIDATES FOR THE POSITION OF ASSISTANT
DIRECTOR FOR ENGINEERING.

ASSIGNED TO: D. Allan Bromley

Have responded
DOB

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE: 06/07/91

OSTP DUE DATE: 05/20/91

DATE COMPLETED:

COPIES TO: PHYSICAL SCIENCES

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 05/06/91

FILE: PERSONNEL

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550



OFFICE OF THE
DIRECTOR

May 3, 1991

RECEIVED

31 MAY 6 12:07

DIRECTOR

Dr. D. Allan Bromley
Assistant to the President for Science
and Technology and Director, Office
of Science and Technology Policy
Old Executive Office Building
Room 360
Washington, D.C. 20500

Dear Dr. Bromley:

The National Science Foundation (NSF) is seeking candidates for the position of Assistant Director for Engineering. Dr. John A. White, the current incumbent, will be completing his assignment with the NSF in July. We would very much appreciate your assistance in identifying highly qualified individuals.

The Assistant Director, ENG, manages a Directorate which supports research in the following major program areas: Engineering Infrastructure Development, Chemical and Thermal Systems, Electrical and Communications Systems, Mechanical and Structural Systems, Design and Manufacturing Systems, Biological and Critical Systems, and Engineering Centers. The Directorate has a staff of about 115 employees and a budget of approximately \$215 million (\$248 proposed for FY92).

The Assistant Director occupies a Senior Executive Service (SES) position. Employment may be on a temporary or permanent basis in the Federal service or by temporary assignment under provisions of the Intergovernmental Personnel Assignment Act.

I look forward to any help you may be able to offer in this search for candidates with outstanding managerial qualifications and a grasp of the strategic issues facing engineering in education and research. Recommendations of individuals from any sector -- academe, industry or government -- are welcome. So that we can appoint a new Assistant Director as soon as reasonably possible, I am asking that suggestions be provided directly to me by June 7th.

Sincerely,

Walter E. Massey
Walter E. Massey
Director

"CORRESPONDENCE TRACKING"

TYPE:

ACTION

DOCUMENT NUMBER: 9121322

FROM:

MASSEY, Walter E.: NATIONAL SCIENCE FOUNDATION

TO:

DR. BROMLEY

DATE OF
CORRESPONDENCE: 05/03/91

SUBJECT: REQUEST FOR CANDIDATES FOR THE POSITION OF ASSISTANT
DIRECTOR FOR ENGINEERING.

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED:

SENDER'S DUE DATE:

COPIES TO: PHYSICA

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

*Dr. Duane Moore
U of Rochester
Institute of Optics*

WOP

5/10/91

DATE RECEIVED: 05/06/91

FILE: PERSONNEL

*Gene Huang
Karl Eub
Tom Ratchford
Bill Phillips
Suggestions?*

/91

NATIONAL SCIENCE FOUNDATION
WASHINGTON, D.C. 20550



OFFICE OF THE
DIRECTOR

May 3, 1991

RECEIVED

31 MAY 6 12:07

OFFICE OF THE
DIRECTOR

Dr. D. Allan Bromley
Assistant to the President for Science
and Technology and Director, Office
of Science and Technology Policy
Old Executive Office Building
Room 360
Washington, D.C. 20500

Dear Dr. Bromley:

The National Science Foundation (NSF) is seeking candidates for the position of Assistant Director for Engineering. Dr. John A. White, the current incumbent, will be completing his assignment with the NSF in July. We would very much appreciate your assistance in identifying highly qualified individuals.

The Assistant Director, ENG, manages a Directorate which supports research in the following major program areas: Engineering Infrastructure Development, Chemical and Thermal Systems, Electrical and Communications Systems, Mechanical and Structural Systems, Design and Manufacturing Systems, Biological and Critical Systems, and Engineering Centers. The Directorate has a staff of about 115 employees and a budget of approximately \$215 million (\$248 proposed for FY92).

The Assistant Director occupies a Senior Executive Service (SES) position. Employment may be on a temporary or permanent basis in the Federal service or by temporary assignment under provisions of the Intergovernmental Personnel Assignment Act.

I look forward to any help you may be able to offer in this search for candidates with outstanding managerial qualifications and a grasp of the strategic issues facing engineering in education and research. Recommendations of individuals from any sector -- academe, industry or government -- are welcome. So that we can appoint a new Assistant Director as soon as reasonably possible, I am asking that suggestions be provided directly to me by June 7th.

Sincerely,

Walter E. Massey
Walter E. Massey
Director

ASSISTANT DIRECTOR FOR ENGINEERING

I. INTRODUCTION

The National Science Foundation (NSF), an independent agency of the Federal Government, was established in 1950 to promote and advance scientific progress in the United States. The Foundation does this primarily by sponsoring scientific and engineering research and by supporting selected activities in science and engineering education.

The NSF Director, Deputy Director, and National Science Board (NSB) members are appointed by the President, with the advice and consent of the Senate. The NSB, consisting of the NSF Director and 24 other distinguished members from the scientific and engineering communities, is the policymaking body of the Foundation. The Director, assisted by the Deputy Director and NSF's Assistant Directors and Office Directors, is responsible for implementing the policy set by the National Science Board and for ensuring the effective and efficient management of Foundation activities and resources.

The NSF organizational structure currently consists of eight Directorates and six Staff Offices.

THE ASSISTANT DIRECTOR, DIRECTORATE FOR ENGINEERING (ENG), is responsible for the conduct of the National Science Foundation's programs which support research and education in all fields of engineering. He or she serves as the Director's principal advisor in matters relating to the purview of the Directorate. The incumbent is responsible for formulating long-range plans, annual programs and priorities, and research policy within the framework of statutory and National Science Board authority.

The Directorate is organized into seven Divisions and one Office under the leadership of Division Directors/Office Heads who report to the Assistant Director. The major program areas supported by the Directorate include chemical and thermal systems; mechanical and structural systems; electrical and communications systems; design and manufacturing systems; biological and critical systems; engineering centers and engineering infrastructure development.

The Directorate for Engineering, which administers an FY91 budget of \$215 million (\$248 million proposed for FY92), has a staff of approximately 115 employees.

(over)

II. MAJOR DUTIES

The Assistant Director is responsible for:

- development, implementation, monitoring, and evaluation of processes for the planning, coordination, program development, and budgeting of research support activities and in policy development for the Directorate.
- serving as the principal advisor to the Director and National Science Board in matters related to science and engineering education.
- preparation, presentation and defense of the Directorate's budget to agency officials, the Office of Management and Budget and the Congress.
- development and fostering of effective liaison with other executive agencies, concerned Congressional and Federal officials, researchers and administrators of educational institutions, members of the scientific and engineering communities, professional societies, and other interested bodies.
- participating with other Assistant Directors and Office Directors on the NSF Executive Council, which provides the NSF Director with advice and recommendations for agency-wide goals and objectives and the overall management of the NSF.
- providing leadership and overall direction to the Directorate through a staff of subordinate managers (Division Directors/Office Head) and performing direct supervisory responsibilities for staff members reporting directly to the Assistant Director.
- furthering equal employment opportunity by demonstrated evidence of fairness in making selections; encouragement and recognition of employee achievements; fair treatment of minority groups, women, and disabled individuals and sensitivity to the developmental needs of all employees.
- ensuring the representation of minority groups, women, and disabled individuals on advisory committees, review panels and all the mechanisms by which the scientific/engineering community provides assistance to NSF.
- overseeing the establishment, maintenance, review and improvement, as necessary, of internal controls by subordinate managers.

III. DIRECTION RECEIVED

The Assistant Director, ENG, receives general policy guidelines from the NSF Director and the National Science Board. The incumbent is responsible to the Director for implementing this policy and for the effective, equitable and efficient management of Directorate programs and resources.

THE WHITE HOUSE
WASHINGTON

February 26, 1991

Dear Leo:

This is a somewhat belated response to your letter concerning support for the activities of ICSU and related international unions. As you note, I served a term as President of IUPAP and I also served for a time as a member of the Executive Board of ICSU, as well as for many years being a member of the American Delegation to the ICSU General Assemblies.

Let me begin on a topic somewhat different from those raised in your letter, namely, the U.S. support of ICSU. As you know, when we withdrew from UNESCO we were providing something on the order of \$40 million a year through UNESCO to various scientific activities, primarily through ICSU. It was the original understanding that in withdrawing from UNESCO we would transfer this support directly to ICSU, but a funny thing happened on the way to the final agreement, and so it was only through absolutely heroic efforts on the part of Salmon in the State Department that we were able to retain something under \$3 million for ICSU. To the best of my knowledge, we have not yet redressed this decrease, although it had certainly never been our intent in withdrawing from UNESCO, for other good and sufficient reasons, to penalize science and technology in the process.

I recognize, of course, that through the NSF International Division, we still do pay our dues to ICSU and the member unions through, in general, the Academies as our adhering bodies.

Let me turn then to the question you raise about what the unions might be able to do in terms of more active participation in international science and more active involvement of U.S. scientists in such activities.

I have become convinced that we have reached a point in the development of a great many of our sciences where the frontier facilities in the future will best be developed internationally, starting much farther back in the process than has ever been characteristic of our activities in the past. Typically now as in the case of the SSC, for example, we make the decision to move forward toward the construction, design, and what have you, of the facility and only then invite other nations to join in

using what is fundamentally "our" facility. Specifically, in the case of the SSC, I think we have begun to break at least a little new ground by inviting the Japanese to buy an equity position in SSC; this would of course carry the implication that the Japanese would then be committed to providing an appropriate share of the operating funding during the life cycle of the facility.

I believe, however, that we have to really start much farther back and begin discussing internationally what is needed to reach the new frontiers in any given field of science, with the discussion taking place in a true international sense. Once the decision is made as to what facility is required, then the discussion should move to that of where such a facility should be sited to obtain an appropriate distribution of scientific devices worldwide. And, of course, after that, questions of support, accessibility, management, and so on would naturally follow.

I believe that ICSU and the member unions could provide the fora for such discussions and, indeed, under IUPAP, we already have a very effective working group that does discuss the large accelerators but within a less international context than I would wish.

It is also worth emphasizing that we are considered "unreliable partners" by most other countries in our participation in major international scientific and technological projects. There are two reasons for this: the first being that other countries, when they agree to participate in a major project appropriate the necessary funding for its entire lifecycle, at least in the construction phase, and in consequence find it extremely difficult to understand why it is that we are back each year arguing in the Congress about our participation when they feel that the issue was settled, once and for all, in the initial negotiations. The fact that our Congress will never agree to bind a succeeding Congress means that we will continue to work within this annual budgeting framework. But it does seem to me that, even at the cost of significantly greater bureaucracy, it may well become necessary for us to at least consider the possibility of something more resembling a treaty relationship when we enter into major international agreements so that, in effect, we too are committed to provide the funding without renegotiation for the entire project as it evolves.

The second reason for our present reputation stems from a rather amazing lack of sensitivity on our part in the case of a number of major projects, perhaps best typified by the Space Station. During the first series of redesigns of that station, despite the fact that we had Japanese, Canadian, and European partners heavily committed, we simply went forward, made the changes and then subsequently informed our collaborators. At least we have learned from the resulting unhappiness and, in this most recent design, the collaborators were involved fully from the very beginning. We do have to develop a much greater

sensitivity to the legitimate needs and desires of our collaborators if these major activities are to proceed in any effective fashion.

I have long felt that one of the problems we have in the ICSU and union family is that there is very little, if any, actual interaction or intercourse between the international unions and the national scientific societies. In the case of IUPAP, as you know, at the last General Assembly in Washington, I tried to at least begin developing such a relationship with the AIP and I think with some significant success. If we are to involve the international unions as fora for international discussions then it is even more important than it has been in the past that we forge much stronger ties with the major scientific societies in the member countries.

I have gone on much too long but I hope that some of these ideas may be useful to you and your colleagues.

With all best wishes,

Sincerely yours,



D. Allan Bromley
Assistant to the President
for
Science and Technology

Professor L. M. Falicov
Department of Physics
University of California
Berkeley, California 94720

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120212

FROM: FALICOV, L.M.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE:

SUBJECT: THE INTERACTIONS OF IUPAP AND ICSU WITH THE U.S.
SCIENTIFIC COMMUNITY.

ASSIGNED TO: D. Allan Bromley

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: Thomas Ratchford

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 01/29/91

FILE: INTERNATIONAL

9120212

NATIONAL SCIENCE FOUNDATION

1800 G STREET, N.W.

WASHINGTON, D.C. 20550

RECEIVED

91 JAN 29 A 9:23

OFFICE OF THE
DIRECTOR

Dr. D. Allan Bromley
Assistant to the President for Science and Technology
Old Executive Office Building
Washington, DC 20506

Dear Dr. Bromley:

As you know, the National Science Foundation (NSF) has been, for many years, the principal source of support for U.S. participation in the activities of the International Council of Scientific Unions (ICSU) and its constituent unions and interdisciplinary committees. Although there is general agreement that ICSU is indispensable in facilitating the international interests of the U.S. scientific community, questions occasionally arise about the nature and scope of the community's involvement with the National Academy of Sciences, with the U.S. National Committees for the international unions, and with the unions themselves. In view of the enhanced perception of the importance of international science to U.S. scientific interests, such questions are likely to persist and, indeed, be voiced more frequently.

Against this background, the Advisory Committee to NSF's Division of International Programs (INT) has asked that I chair a small subcommittee to explore the relationship of the U.S. research community to ICSU and its constituents. Our principal objective is to determine whether that relationship is working as well as it should and, if not, how it can be improved.

The subcommittee is aware of your extensive service as an officer of the International Union of Pure and Applied Physics (IUPAP). We would therefore appreciate any contributions you would care to make to our deliberations based on your experience with IUPAP and ICSU, and their interactions with the U.S. scientific community, as well as from your current vantage point. We are particularly interested in your vision of how the unions and national committees could promote and facilitate international cooperation, and how they could actively involve more US researchers as well as such disciplines as engineering and the social sciences. Your contribution could be made in any way that would suit your convenience: as a letter or an informal telephone conversation with me, for example.

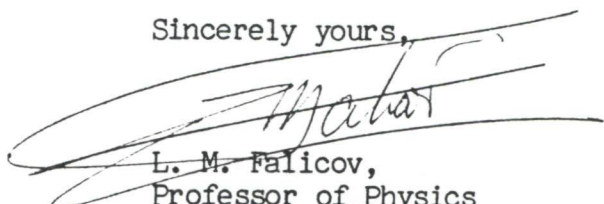
Bromley, D. Allen

2

In any event, we hope you can spare a few minutes to convey to us your thoughts on an organization we believe will continue to be essential to the U.S. research community.

Thanking you in advance I remain,

Sincerely yours,

A handwritten signature in dark ink, appearing to read 'L. M. Falicov', is written over a horizontal line. The signature is fluid and cursive, with the first name 'L.' and last name 'Falicov' clearly distinguishable.

L. M. Falicov,
Professor of Physics
Department of Physics
University of California
Berkeley, CA 94720
Telephone (415) 642-5993

Chairman
Subcommittee on ICSU
International Advisory
Committee