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**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:** Correspondence Files

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**OA/ID Number:** 62017  
**Folder ID Number:** 62017-005

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**Folder Title:**  
Invitations: Speech (1) [11 of 11] [1991]

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**Stack:**

**Row:**

**Section:**

**Shelf:**

**Position:**

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"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120663

\*\*\*\*\*

SPEECH: YES NO

FROM: BALZHISER, Richard E.: ELECTRIC POWER RESEARCH  
INSTITUTE

DATE OF EVENT: 04/03/91

LOCATION OF EVENT: INDEPENDENCE BALL ROOM, GRAND HYATT HOTEL, D.C.

TIME OF EVENT: 03:00PM

SUBJECT: INVITATION TO AN EMF REVIEW.

\*\*\*\*\*

RSVP: 03/14/91

CONTACT PERSON:

CONTACT NUMBER:

\*\*\*\*\*

INVITATION ACCEPTED?

~~Y~~

NO

\*\*\*\*\*

COPIES TO: Dr. Wong  
Life Sciences

REMARKS: 3/8/91 Regretted to Barbara in  
Balzhiser's office! mn

DATE OF LETTER: 03/01/91

DATE RECEIVED: 03/07/91

FILE: P- INVITATION Speech



Electric Power  
Research Institute

Richard E. Balzhiser  
President and Chief Executive Officer

March 1, 1991

9120663  
RECEIVED

91 MAR 7 PM 12:12

OFFICE OF THE  
DIRECTOR

Dr. D. Allan Bromley  
Asst. to the President for Science & Technology/Director  
Office of Science & Technology Policy  
Old Executive Office Bldg.  
Washington, DC 20506

Dear Dr. Bromley:

Given growing industry and public interest surrounding the issue of electromagnetic fields (EMF) and human health, I want to invite you to a special review of this subject to be held in connection with EPRI's Annual Meeting of Members. The EMF Review will be held in the Independence Ballroom of the Grand Hyatt Hotel, Washington, D.C., on Wednesday, April 3. This session will begin promptly at 3:00 p.m. and will adjourn directly to EPRI's Annual Meeting of Members; a reception will follow beginning at approximately 6 p.m.

The purpose of the Review is to share the very latest scientific research results and to improve our collective understanding of the many roles and responsibilities of institutions outside the electric utility industry with continuing interest in this issue. James Ferland, President and Chief Executive Officer, Public Service Electric & Gas Company, has agreed to preside. Guest speakers will examine the EMF issue from these perspectives:

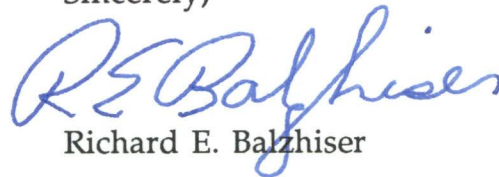
- The Science--Gilbert Omenn, MD, PhD, University of Washington, Chairman, EPRI EMF Scientific Advisory Committee
- Engineering Options and Public Policy--Dr. Granger Morgan, Head of the Department of Engineering and Public Policy, Carnegie Mellon University
- Risk Communications and the Public Interest--James M. Cunningham, Sr. Vice President, New York Power Authority

Dr. D. Allan Bromley  
March 1, 1991  
Page 2

A follow-up panel, consisting of these speakers plus EPRI technical officers, will discuss the issues surfaced during these presentations in an attempt to frame a series of consensus statements for consideration and action by utility industry leadership. We look forward to a stimulating exchange of views between our speakers and invited guests.

Although a limited number of invitations are being extended to association, scientific and government guests, this meeting is primarily intended as an opportunity for EPRI members to increase their understanding of the dimensions and implications of the EMF issue. We hope you'll be able to attend. If so, could you please return the enclosed registration form by March 14, 1991.

Sincerely,



Richard E. Balzhiser

REB:tar

Enclosure



Sleeping rooms have been secured at the Grand Hyatt Washington, 1000 H Street N.W., Washington D.C. 20001. To make a reservation, contact the hotel directly at (202) 582-1234 and refer to this EPRI meeting. The EPRI group rate is \$130 single or double occupancy. Please contact the hotel by March 14, 1991; after this date reservations will be accepted on a space-available basis only.

☐ I would like to attend the EPRI EMF Review on April 3, 1991.

(Please Print) Name \_\_\_\_\_  
Preferred Name for Badge \_\_\_\_\_  
Title \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Telephone \_\_\_\_\_

Return this card to: Electric Power Research Institute, Attn: Pam Turner, Senior Conference Coordinator, P.O. Box 10412, Palo Alto, CA, 94303, phone: (415) 855-2010, fax: (415) 855-1080

Confirmations will be sent upon receipt of the registration form.

"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120280

\*\*\*\*\*  
SPEECH: YES NO

FROM: MALONE, THOMAS F.

DATE OF EVENT: 11/16/91

LOCATION OF EVENT: WASHINGTON, D.C.

TIME OF EVENT:

SUBJECT: REQUEST TO ADDRESS THE FORUM ON "GLOBAL CHANGE AND  
THE HUMAN PROSPECT: ISSUES IN POPULATION, SCIENCE  
TECHNOLOGY AND EQUALITY".

\*\*\*\*\*

RSVP: 02/24/91

CONTACT PERSON: THOMAS MALONE

CONTACT NUMBER: 919/549-4691

\*\*\*\*\*

INVITATION ACCEPTED?

~~YES~~

NO

\*\*\*\*\*

COPIES TO: Steve Olson

REMARKS:

DATE OF LETTER: 02/01/91

DATE RECEIVED: 02/04/91

FILE: P- INVITATION-<sup>Speech</sup>~~GLOBAL CHANGE~~





**Sigma Xi, The Scientific Research Society**

99 Alexander Drive, P.O. Box 13975

Research Triangle Park, NC 27709

Tel: (919) 549-4691

Fax: (919) 549-0090

Dr. D. Allan Bromley  
Assistant to the President  
for Science and Technology  
The White House  
Washington, D.C. 20506

RECEIVED

February 1, 1991

91 FEB 4 P 2: 57

OFFICE OF THE  
DIRECTOR

Dear Allan:

Many thanks for your letter of 23 January and the splendid paper you presented to the diplomatic corps on 16 January. It was a thoughtful and persuasive discourse on an issue beset with a cacophony of diverse views.

I was especially taken with your point that new dimensions of global interdependence are emerging as a result of our deepened understanding of planet Earth and the role of human activity in influencing global environmental change. This profound development will surely affect the scientific, technological and social agenda of the 21st century.

These agenda issues will be explored in depth at an international forum on **"Global Change and the Human Prospect: Issues in Population, Science, Technology, and Equity,"** to be held in Washington, D.C. on 16-18 November, 1991. A draft brochure on the program is enclosed. Your own perception of these matters prompts me, on behalf of Sigma Xi and its cosponsoring organizations in natural sciences, social sciences and engineering, to invite you to address the Forum.

The Forum is intended to engage a significant section of the research community in this country in the inter-related issues of environment and development which will be prominent on the international agenda during the next several decades. It will do this in three sessions dealing respectively with the questions: **What kind of world do we have? What kind of world do we want? What must we do to get there?**

We would welcome your thoughts on the topic of **Science and Technology** on either **Day One** or **Day Three** of the enclosed draft program.

Should you desire more information, I would be pleased to discuss details with you or your staff.

With every good wish,

Thomas F. Malone  
Forum Chairman

Attachments

**Global Change and the Human Prospect:  
Issues in Population, Science, Technology, and Equity**

**November 16-18, 1991**

**Draft Program**

Note: Speakers whose names appear in boldface are confirmed.

**Day One**

|            |                                                                                                             |
|------------|-------------------------------------------------------------------------------------------------------------|
| 8:00 A.M.  | Registration begins in the hotel.<br>Continues throughout the day.<br>Exhibit Area open throughout the day. |
|            | <b>Plenary Session: What Kind of World Do We Have?</b>                                                      |
| 12:30 P.M. | Welcome and Overview of the Forum: Dr. Rita Colwell                                                         |
| 1:00 P.M.  | Health - <b>D.A. Henderson</b>                                                                              |
| 1:40 P.M.  | Economics - Partha Dasgupta                                                                                 |
| 2:20 P.M.  | Questions from the floor                                                                                    |
| 3:00 P.M.  | <b>Break</b>                                                                                                |
| 3:30 P.M.  | Science and Technology -                                                                                    |
| 4:10 P.M.  | Environmental Perspective - <b>Martin Holdgate</b>                                                          |
| 4:50 P.M.  | Population - Lourdes Arzipe                                                                                 |
| 5:30 P.M.  | Questions from the floor                                                                                    |
| 7:30 P.M.  | <b>Banquet - Maurice Strong</b>                                                                             |

**Day Two**

|            |                                                          |
|------------|----------------------------------------------------------|
|            | <b>Plenary Session: What Kind of World Do We Want?</b>   |
| 8:30 A.M.  | Environment - <b>Peter Raven</b>                         |
| 9:10 A.M.  | Carrying Capacity of the Globe - <b>M.S. Swaminathan</b> |
| 9:40 A.M.  | Questions from the floor                                 |
| 10:10 A.M. | <b>Break</b>                                             |
| 10:30 A.M. | The Role of Science in Our Future - <b>Ashton Carter</b> |



|            |                                                          |
|------------|----------------------------------------------------------|
| 11:10 A.M. | Sustainable and Equitable Society - <b>William Clark</b> |
| 11:50 A.M. | International Security - <b>Lew Branscomb</b>            |
| 12:30 P.M. | Questions from the floor                                 |
| 12:45 P.M. | Charge to Working Groups: Dr. Tom Malone                 |
| 1:00 P.M.  | <b>Lunch</b>                                             |
| 2:30 P.M.  | Work in Groups                                           |
| 4:00 P.M.  | <b>Break</b>                                             |
| 4:30 P.M.  | Work in Groups                                           |
| 6:00 P.M.  | Adjourn                                                  |
| 8:00 P.M.  | Rethinking the World - Margaret Thatcher                 |

### Day Three

#### **Plenary Session: What Must We Do To Get There?**

|            |                                                                     |
|------------|---------------------------------------------------------------------|
| 8:30 A.M.  | Institutions - <b>Tom Malone</b>                                    |
| 9:10 A.M.  | Technology and Science -                                            |
| 9:50 A.M.  | Questions from the floor                                            |
| 10:10 A.M. | <b>Break</b>                                                        |
| 10:30 A.M. | Economic Disparity - Jose Lutzemberger                              |
| 11:10 A.M. | Resource Development and Conservation - Mayumi Moriyama             |
| 11:50 A.M. | Business and Industry - Alvin Blanchard                             |
| 12:30 P.M. | Questions from the floor                                            |
| 12:45 P.M. | Charge to Working Groups                                            |
| 1:00 P.M.  | <b>Lunch</b>                                                        |
| 2:30 P.M.  | Work in Groups                                                      |
| 4:30 P.M.  | <b>Break</b>                                                        |
| 5:00 P.M.  | Final Plenary: Summary of meeting, working groups & recommendations |
| 6:30 P.M.  | Adjourn                                                             |

**Sigma Xi**

The Scientific Research Society

in association with:

American Association for the Advancement of Science

American Association of Engineering Societies

Consortium of Social Sciences Association

Council of Scientific Society Presidents

and

Social Science Research Council

Announces:

**Global Change and the Human Prospect:**

Issues in Population, Science, Technology, and Equity

**A Forum**

November 16-18, 1991

Washington, D.C.



## Forum Background

Technological developments and population dynamics are producing a new dimension of global interdependence that will bring world society to a crossroads early in the 21st century.

"Our planet and the global environment are witnessing the most profound changes in the brief history of the human species. Human activity is the major agent of those changes... scientific and technological advances have produced the driving forces of global change.... Within the next fifty years we must somehow learn to feed, clothe, house, educate and meaningfully employ an additional five billion individuals--the current population of the world...." Global Change in Our Common Future, 1989

Sigma Xi is committed to a decade-long effort to deepen understanding of the forces upon our globe that create the potential for the problems described above. These forces have been identified as the exponential expansion in world population, the explosive increase in energy-consumptive technologies that convert natural resources into goods and services, and disparities in the quality of life.

Sigma Xi is joined by several major organizations in framing an appropriate response from the scientific and technological community to these issues beginning with an international forum entitled Global Change and the Human Prospect: Issues in Population, Science, Technology, and Equity, to be held in Washington, D.C., November 16-18, 1991.

## Forum Focus

The Forum will address the knowledge generation, policy formulation, and societal transformations that are required to achieve a sustainable and equitable world.

Through a series of plenary sessions and breakout groups, participants will explore three important questions: *What kind of world do we have? What kind of world do we want? What must we do to get there?*

The focus will be twofold. In the short term, we will focus on the preparation of a set of conclusions and recommendations for the UN Conference on Environment and Development (UNCED) in 1992. Our long-term focus is on the development of a network of interested scientists and technologists at the grassroots level who will affect positively the progress of the planet.

## **Forum Goals**

- Raise the consciousness of the scientific and technological research community on global issues
- Examine the interrelated driving forces of global change
- Stimulate continued research and discussion among the scientific and technological community
- Facilitate discussion between the research community and government, industry, and the ethical community on issues related to global change
- Foster new ways of thinking and institutional innovation
- Identify new approaches to the stabilization of population, transformation of technology, and reduction in disparities in the quality of life

## **Forum Highlights**

- Publication of commissioned papers and recommendations in book format
- Dissemination of results to more than 1,000,000 members of cosponsoring organizations
- Interactive breakout sessions to promote discussion
- Exhibits of environmental, scientific, and technological equipment and materials
- Exposition of national student research projects
- Keynote address by Dr. Maurice Strong, Secretary General, UNCED (invited)

## **Forum Participants**

Participants in the Forum will represent developed and developing countries, including individuals involved in the sciences (social, life and natural), technology, ethics, management, labor, and education, with the common goal of affecting the formulation of global environmental, economic and development policies. Approximately 1,000 participants are expected from more than 35 scientific and technological societies and many different countries.



## **Forum Steering Committee**

Dr. Thomas F. Malone - Steering Committee Chairman; past president, Sigma Xi; past president, American Meteorological Society; former Foreign Secretary, National Academy of Sciences.

Dr. Rita Colwell - President-elect, Sigma Xi; Director, Maryland Biotechnology Institute; Chairman, Board of Governors, American Academy of Microbiology.

Dr. U.V. Henderson, Jr. - General Manager - Environment and Product Safety Department, Texaco, Inc.; Vice-Chairman, International Petroleum Industry Environmental Conservation Association (IPIECA).

Dr. Donald N. Langenberg - Chancellor, University of Maryland; President, American Association for the Advancement of Science; past chairman, former Deputy Director, National Science Foundation.

Dr. V. Kerry Smith - Distinguished Professor of Resource and Environmental Economics, North Carolina State University; past president, Association of Environmental and Resource Economists.

Dr. Gilbert F. White - Distinguished Professor and Emeritus Director, Institute of Behavioral Science, University of Colorado; former Chairman of the Board, Resources for the Future.

Dr. Robert M. White - President, National Academy of Engineering; former Administrator, National Oceanographic and Atmospheric Agency; past president, Joint Oceanographic Institutions.

Dr. John F. Ahearne - Executive Director, Sigma Xi; Chairman, Department of Energy Advisory Committee on Nuclear Facilities Safety; former Commissioner and Chairman, U.S. Nuclear Regulatory Commission.



"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120216

\*\*\*\*\*  
SPEECH: YES NO

FROM: HOFFHEIMER, LAWRENCE

DATE OF EVENT: 05/28/91

LOCATION OF EVENT: NATIONAL ACADEMY OF SCIENCES

TIME OF EVENT:

SUBJECT: REQUEST TO SPEAK AT THE SECOND ANNUAL DECADE OF THE  
BRAIN SYMPOSIUM.

\*\*\*\*\*

RSVP: 02/19/91

CONTACT PERSON: LAWRENCE HOFFHEIMER

CONTACT NUMBER:  
\*\*\*\*\*

INVITATION ACCEPTED? YES NO

\*\*\*\*\*

COPIES TO: Rachel Levinson

REMARKS: 2/27/91 Regretted to Barbara Ensweiler.  
mn

DATE OF LETTER: 01/29/91

DATE RECEIVED: 01/31/91

FILE: P- INVITE <sup>for Speech</sup> ~~DECADE OF THE BRAIN~~

9120216

# NATIONAL FOUNDATION FOR BRAIN RESEARCH



1250 24th Street, N.W. / Suite 600  
Washington, D.C. 20037  
Telephone: (202) 293-5453  
Fax: (202) 466-3079

91 JAN 31 P 4: 50

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*National Institute of Neurological  
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*National Institute on Aging*

JAMES B. SNOW, JR., M.D.  
*National Institute on Deafness  
And Other Communication Disorders*

DUANE ALEXANDER, M.D.  
*National Institute of Child Health and Human Development*

CARL KUPFER, M.D.  
*National Eye Institute*

CHARLES R. SHUSTER, Ph.D.  
*National Institute on Drug Abuse*

January 29, 1991

RECEIVED  
OFFICE OF THE  
DIRECTOR

Allan Bromley  
Assistant to the President  
for Science and Technology Policy  
Office of Science and Technology Policy  
Old Executive Office Building  
17th St. and Pennsylvania Avenue, N.W.  
Washington, D.C. 20506

Dear Dr. Bromley:

The National Foundation for Brain Research (NFBR) is sponsoring the Second Annual Decade of the Brain Symposium in cooperation with the Institute of Medicine on May 28, 1991 at the National Academy of Sciences.

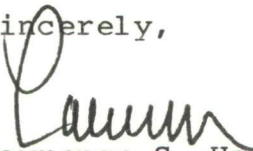
Last year's symposium, at which you spoke, was an outstanding success. NFBR would like you to address the attendees again this year. Since last year, you have organized the Subcommittee on Brain and Behavioral Sciences of the Federal Coordinating Council on Science, Engineering and Technology. Through Roger Porter we are aware of the progress of the Subcommittee. We feel that your remarks on this effort would be of great interest to the neuroscientists, physicians, media, leaders of voluntary health agencies, and Capitol Hill staff attending the symposium.

For your information this symposium will be concerned with neuroscience advances and opportunities for research relating to some of the most disabling disorders of humankind. The presentations by distinguished neuroscientists will focus upon the clinical neurological and mental health problems presented by life-stage related disorders. Attempts will be made to relate new and exciting research approaches and findings to these disorders and to indicate how future research will lead to opportunities for more effective management and treatment in this, the "Decade of the Brain." Some of the world's outstanding neuroscientists and neurologists will be presenting.

On the evening of May 28, 1991, we will be honoring the first recipient of the Silvio O. Conte Decade of the Brain award for his/her contributions in the field of brain sciences. We would also like to invite you to attend that dinner as our guest.

If you are able to participate on May 28, 1991, please let me know and we can work out an appropriate time for your presentation.

Sincerely,



Lawrence S. Hoffheimer

LSH:bje



"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120194

\*\*\*\*\*  
SPEECH: YES NO

FROM: TREAT, JOHN

DATE OF EVENT: 05/08/91

LOCATION OF EVENT: FOUR SEASONS HOTEL, PHILADELPHIA

TIME OF EVENT:

SUBJECT: INVITATION TO PRESENT THE KEYNOTE ADDRESS FOR "THE  
FUTURE OF US RESEARCH & RESEARCH FACILITIES"

\*\*\*\*\*

RSVP: 02/19/91

CONTACT PERSON: JOHN TREAT

CONTACT NUMBER: 415/254-2744

\*\*\*\*\*

INVITATION ACCEPTED? YES NO

\*\*\*\*\*

COPIES TO: Steve Olson  
Nancy Maynard  
Dr. Phillips

REMARKS:

DATE OF LETTER: 01/29/91

DATE RECEIVED: 01/31/91

FILE: P- INVITE-SPEECH

THE WHITE HOUSE

WASHINGTON

March 4, 1991

Dear Mr. Treat:

Thank you for your letter of January 29, 1991, inviting me to address your conference on **The Future of U.S. Research and Research Facilities** scheduled for May 8-9, 1991 in Philadelphia.

As you can appreciate, the number of invitations I receive that entail traveling out of town is overwhelming, and I am finding that I cannot be away from Washington as much as I might like. As much as I would like to join you and your colleagues, the next several months are already heavily committed, so I must regretfully decline.

Thank you for thinking of me and may I offer my best wishes for a successful conference.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with the first name "D." being small and the last name "Bromley" being larger and more prominent.

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

Mr. John Treat  
Tradeline, Incorporated  
P.O. Box 1568  
115 Orinda Way  
Orinda, California 94563





RECEIVED

51 JAN 31 AM 1:30

OFFICE OF THE  
**via Federal Express**  
DIRECTOR

January 29, 1991

The Hon. D. Allan Bromley, Ph.D.  
Assistant to the President for Science and Technology  
Old Executive Office Building  
17th Street & Pennsylvania Ave., NW -- Suite 358  
Washington, DC 20506

Dear Dr. Bromley:

**Re: The Future of U.S. Research and Research Facilities**  
- conference in Philadelphia, May 8-9, 1991

This spring, a group of 150 research directors, corporate executives and facilities planners will assemble at the Four Seasons Hotel in Philadelphia for a two-day conference on the current environment for U.S. R&D, and its significance for the managing of research programs and the planning of research facilities. For your reference, I've enclosed a full prospectus for the conference.

I'd be honored if you would consider coming to the conference as our guest to deliver the keynote address, sharing some of your insights with the audience. A possible description of such a presentation might look something like the following:

**Changing National Priorities for R&D**

The outlook for R&D in the next decade. Economic pressures vs. long-term scientific progress. Environmental, health and safety issues. Research personnel. Expectations for federal funding. Strategic alliances. Implications for the planning and management of research programs and facilities.

Of course, any revisions you might suggest to this description would be welcome. This would be a 30-minute presentation on the morning of May 8. We would cover your expenses (as appropriate) and, of course, you would be welcome to attend as much of the conference as your schedule allows.

Please call if I can answer any questions for you. I look forward to your response.

Best regards,

John Treat  
Director of Program Planning

Enclosures: as described



"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120191

\*\*\*\*\*  
SPEECH: YES NO

FROM: HARRISON, JERRY C.

DATE OF EVENT: 04/09/91

LOCATION OF EVENT:

TIME OF EVENT: 01:30PM

SUBJECT: INVITATION TO PRESENT THE KEYNOTE ADDRESS AT THE  
"SUPERCONDUCTING--TOWARDS 200 GIGAFLOPS" SYMPOSIUM

\*\*\*\*\*  
RSVP: 02/11/91

CONTACT PERSON:

CONTACT NUMBER:

\*\*\*\*\*  
INVITATION ACCEPTED? YES NO

\*\*\*\*\*  
COPIES TO: Perry Lindstrom  
Steve Olson

REMARKS:

DATE OF LETTER: 01/22/91

DATE RECEIVED: 01/29/91

FILE: *Speech*  
P- INVITE-SUPERCONDUCTIVITY

THE WHITE HOUSE

WASHINGTON

March 1, 1991

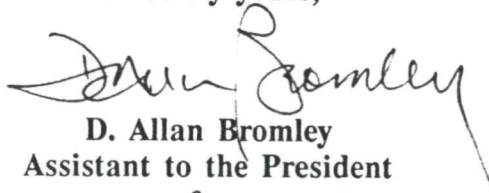
Dear General Harrison:

Thank you for your letter of January 22, 1991, inviting me to be the keynote speaker at your "Supercomputing--Towards 200 Gigafllops" symposium scheduled for April 9, 1991. I apologize for the much belated response.

Although I would very much like to accept your invitation, the date in question is not good for my schedule. I would like to join you and your colleagues, especially due to the subject matter, but I must regretfully decline.

Thank you for thinking of me and would like to wish you a successful event.

Sincerely yours,



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

Major General Jerry C. Harrison  
U.S. Army Lab Command  
2800 Powder Mill Road  
Adelphia, Maryland 20783-1145



January 22, 1991

RECEIVED

91 JAN 29 A 3 12

OFFICE OF  
DIRECTOR

Dear Dr. Bromley:

In support of the Ballistic Research Laboratory's (BRL) internal efforts in High Performance Computing, the Army High Performance Computing Research Center (AHPCRC), and the BRL's industry initiatives, the Laboratory is sponsoring a symposium "Supercomputing--Towards 200 Gigaflops," and I would like to invite you to give the keynote address on April 9 at 1:30 pm.

We hope to provide an atmosphere which facilitates an open exchange of ideas and allows each of us (government, industry, academia) to make sound business and technical decisions in the future. The keynote address will be followed by two presentations from Los Alamos and Sandia National Laboratories on the emerging role of massively parallel computers and their potential for solving complex, scientific problems. April 10 will consist of presentations from the BRL and other Army laboratories on their current and future requirements. The third day will allow for presentations by various industry partners who feel they can provide computer performance that approaches 200 gigaflops.

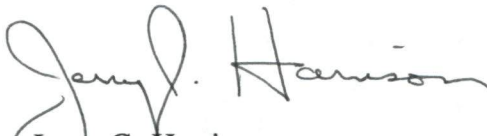
1 20191 1



-2-

I am committed--as you are--to ensuring that the U.S maintains leadership and diversity in supercomputing. I would be pleased if you would accept our invitation to present the keynote address and instill upon the audience the reasons why High Performance Computing is a vital and strategic technology.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jerry C. Harrison". The signature is fluid and cursive, with the first name "Jerry" being more prominent and the last name "Harrison" following in a similar style.

Jerry C. Harrison  
Major General, U.S. Army  
Commanding

cc: Dr. Chait

Dr. D. Allan Bromley  
Executive Office of the President  
Office of Science and Technology Policy  
Old Executive Office Building  
17th and Pennsylvania Avenues, N.W.  
Washington, D.C. 20500

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120264

\*\*\*\*\*

FROM: ROWLAND, LEWIS P.

TO: DR. BROMLEY

DATE OF  
CORRESPONDENCE: 01/23/91

SUBJECT: THANK YOU FOR ACCEPTIN THE INVITATION TO SPEAK AT  
OUR DECADE OF THE BRAIN DINNER 4/24/91

\*\*\*\*\*

ASSIGNED TO:

ACTION REQUIRED:

\*\*\*\*\*

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

-----

\*\*\*\*\*

COPIES TO: D. Allan Bromley

\*\*\*\*\*

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 01/29/91

FILE: P- INVITATION <sup>speech</sup> ~~FOLLOW-UP/DOB~~



# AMERICAN ACADEMY OF NEUROLOGY

RECEIVED

91 JAN 29 A 9:24

## OFFICERS:

*President*  
LEWIS P. ROWLAND, M.D.  
New York, New York

*President-Elect*  
ROGER N. ROSENBERG, M.D.  
Dallas, Texas

*Vice-President*  
ROBERT G. FELDMAN, M.D.  
Boston, Massachusetts

*Treasurer*  
STEVEN P. RINGEL, M.D.  
Denver, Colorado

*Secretary*  
HAMILTON MOSES, III, M.D.  
Baltimore, Maryland

## COUNCILLORS:

H. RICHARD BERESFORD, M.D.  
Manhasset, New York

JACK O. GREENBERG, M.D.  
Philadelphia, Pennsylvania

WILLIAM R. KENNEDY, M.D.  
Minneapolis, Minnesota

WILLIAM M. LANDAU, M.D.  
St. Louis, Missouri

IVAN J. LIPMAN, M.D.  
Chicago, Illinois

KARIN B. NELSON, M.D.  
Bethesda, Maryland

LABE C. SCHEINBERG, M.D.  
New York, New York

THOMAS R. SWIFT, M.D.  
Augusta, Georgia

FRANK M. YATSU, M.D.  
Houston, Texas

*Past-President*  
THEODORE L. MUNSAT, M.D.  
Boston, Massachusetts

*Editor of Journal*  
ROBERT B. DAROFF, M.D.  
Cleveland, Ohio

*Executive Director*  
JAN W. KOLEHMAINEN  
Minneapolis, Minnesota

January 23, 1991

The Honorable Allan Bromley, PhD  
Assistant to the President for  
Science and Technology Policy  
Old Executive Office Building  
17th Street and Penn Avenue, NW  
Room 358  
Washington, DC 20506

Dear Dr. Bromley:

Thank you ever so much for your letter of January 18, 1991 accepting our invitation to speak at our Decade of the Brain Dinner on April 24. Members of the American Academy of Neurology will be thrilled by your participation.

Your presence will add the luster we deem appropriate for this most important occasion.

I was present when you addressed the meeting at the Institute of Medicine last year and I look forward to meeting you personally in April.

We will be in touch with you about the details of the program. In the meantime, I send thanks and all best wishes.

Sincerely yours,

Lewis P. Rowland, MD

cc: R.N. Rosenberg, S. Gilman, J. Kolehmainen  
Encl.

Reply to  
Office of the President  
LEWIS P. ROWLAND, M.D.  
The Neurological Institute  
710 West 168th Street  
New York, NY 10032  
(212) 305-8551

OFFICE OF THE  
DIRECTOR



"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120164

\*\*\*\*\*  
SPEECH: YES NO

FROM: NICHOLSON, RICHARD S.

DATE OF EVENT: 04/11/91

LOCATION OF EVENT: WASHINGTON, D.C.

TIME OF EVENT: 08:45AM

SUBJECT: INVITATION TO BE A KEYNOTE SPEAKER AT THE AAAS  
SCIENCE AND TECHNOLOGY POLICY COLLOQUIUM.

\*\*\*\*\*

RSVP:

CONTACT PERSON: RICHARD NICHOLSON

CONTACT NUMBER: 326-6640

\*\*\*\*\*

INVITATION ACCEPTED?



NO

\*\*\*\*\*

COPIES TO:

REMARKS:

Dr. Bromley cannot do this talk, but it was agreed  
that Tom Ratchford would fill in. The AAAS has  
already been informed. — Steve C. M.

DATE OF LETTER: 01/17/91

DATE RECEIVED: 01/28/91

FILE: P- INVITATION speech

9/20/64

American  
Association  
for the Advancement of  
Science

1333 H Street, NW, Washington, DC 20005  
(202) 326-6640; FAX (202) 371-9526  
Cable Address: ADVANCESCI

Richard S. Nicholson  
Executive Officer

January 17, 1991

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

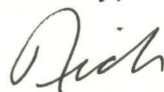
Dear Allan:

On behalf of the American Association for the Advancement of Science, I would like to invite you in your capacity as Special Assistant to the President for Science and Technology, and also as Director of the Office of Science and Technology Policy, to again be the keynote speaker at the next AAAS Science and Technology Policy Colloquium in Washington, Thursday and Friday, April 11 and 12, 1991. Your participation is requested for the opening plenary session on Thursday, April 11, scheduled for 8:45 a.m. to 12:00 noon at the Capital Hilton Hotel. If it is consistent with your schedule, your presentation would be from 9:00 to about 9:40 a.m.

The aim of the Colloquium's opening session is to set a realistic framework for discussion of R&D funding and policy by looking at the Administration's R&D budget proposals in light of broader issues of budget and economic policy. This forum provides an opportunity for you to discuss the Administration's science and technology policy strategy for FY 1992 and beyond.

We were honored to have you speak in this capacity at last year's Colloquium, and would be grateful if you could accept our invitation once again. If you are able to do so, we will be in touch as the date approaches to work out details. Please contact me (326-6640) or Stephen D. Nelson (326-6600) if you have any further questions.

Sincerely,



Richard S. Nicholson  
Executive Officer

RSN/sdn



"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120196

\*\*\*\*\*  
SPEECH: YES NO

FROM: KIRWAN, WILLIAM E.

DATE OF EVENT: 03/18/91

LOCATION OF EVENT: UNIVERSITY OF MARYLAND

TIME OF EVENT: 10:00AM

SUBJECT: INVITATION TO BE A KEYNOTE SPEAKER AT A US-USSR  
SCIENCE & TECHNOLOGY CONFERENCE

\*\*\*\*\*

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

\*\*\*\*\*

INVITATION ACCEPTED?

YES

NO

\*\*\*\*\*

COPIES TO: Steve Olson  
Thomas Ratchford

REMARKS:

*Declined by Steve Olson on March 4.*

DATE OF LETTER: 01/22/91

DATE RECEIVED: 01/25/91

FILE: P- INVITE-SPEECH





RECEIVED

91 JAN 25 AM 11:18

UNIVERSITY OF MARYLAND AT COLLEGE PARK

OFFICE OF THE PRESIDENT

OFFICE OF THE  
DIRECTOR

January 22, 1991

Dr. D. Alan Bromley  
Assistant to the President for Science and Technology, and  
Director, White House Office of Science and Technology Policy  
Old Executive Office Building  
17th Street and Pennsylvania Avenue, NW  
Washington, D.C. 20506

Dear Dr. Bromley:

I am writing to invite you to be a keynote speaker at a **US-USSR Science and Technology Conference** plenary session at 10:00 a.m. on Monday, March 18, 1991, to discuss scientific and technology exchange between the West and the USSR. The conference, which is sponsored by the University of Maryland East West Science and Technology Center in conjunction with a week-long program, will be held at the Adult Education Center, conveniently located on the College Park campus.

The East West Science and Technology Center was established within the University's Department of Physics and Astronomy following a May 1990 trip to the Soviet Union and Eastern Europe that I took with Governor William Donald Schaefer. The purpose of the Center is to enhance cooperation among the science, technology, and business sectors of the Soviet Union, Eastern Europe and the United States. The Center is directed by Roald Sagdeev, Distinguished Professor of Physics at the University of Maryland at College Park, member of the National Academy of Science, and former science advisor to Soviet President Mikhail Gorbachev.

The March conference has been designed as an exhibit and symposium, featuring equipment and technology related to space, technology transfer and environmental sciences from the Soviet Union and Eastern Europe never seen before in the United States ready for research and commercialization purposes.

Dr. D. Alan Bromley  
January 22, 1991  
Page Two

Featured speakers will include **Dr. Yuri Ossipian**, Vice President of the USSR Academy of Sciences and Chairman of the Committee of Soviet Scientists, and **Dr. Alec Galeev**, Director of the Soviet Space Institute. Since the program will also include a special session on conversion programs implemented by the Soviet defense industries -- with particular focus on the military technology transfer to civilian application -- an invitation has been sent to **Mr. Igor S. Belousov**, Deputy Chair of the USSR Council of Ministers and Chairman of the State Commission for Military-Industrial Matters. To balance the program, we have invited speakers from the American scientific, government and corporate sectors who are especially interested in the overall conference themes and the important areas of technology transfer and licensing.

We view the March exhibit and symposium as one of the most important events scheduled at College Park during 1991 and a significant opportunity to strengthen relations between the United States and colleagues, officials and institutions throughout the Soviet Union and Eastern Europe. I would be very honored if you would be able to join us as a speaker on Monday, March 18, 1991, at 10:00 a.m.

We will be in contact with your staff to provide the necessary back-up materials and to ascertain if you will be able to participate in the conference.

Sincerely yours,



William E. Kirwan  
President

WEK:sm



"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120195

\*\*\*\*\*

SPEECH: YES NO

FROM: OHANIAN, M. JACK

DATE OF EVENT: 06/05/91

LOCATION OF EVENT: ORLANDO, FLORIDA

TIME OF EVENT: 04:15PM

SUBJECT: INVITATION TO SPEAK AT THE AMERICAN NUCLEAR  
SOCIETY'S ANNUAL MEETING.

\*\*\*\*\*

RSVP:

CONTACT PERSON: JIM BEHRENS

CONTACT NUMBER: 708/352-6611

\*\*\*\*\*

INVITATION ACCEPTED?

YES

NO

\*\*\*\*\*

COPIES TO: Steve Olson  
Thomas Ratchford  
Michelle Van Clea

REMARKS:

DATE OF LETTER: 01/18/91

DATE RECEIVED: 01/25/91

FILE: P- INVITE-SPEECH



THE WHITE HOUSE

WASHINGTON

March 4, 1991

Dear Dr. Ohanian:

Thank you for your letter of January 18, 1991, inviting me address the Forum Session of the American Nuclear Society meeting scheduled for June 5 in Orlando, Florida.

As you can appreciate, the number of invitations I receive that entail traveling out of town is overwhelming, and I am finding that I cannot be away from Washington as much as I might like. As much as I would like to join you and your colleagues, the next several months are already heavily committed, so I must regretfully decline.

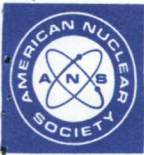
Thank you for thinking of me and may I offer my best wishes for a successful meeting.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with the first name "D. Allan" and the last name "Bromley" clearly distinguishable.

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

Dr. M. Jack Ohanian  
American Nuclear Society  
555 North Kensington Avenue  
LaGrange Park, Illinois 60525



# AMERICAN NUCLEAR SOCIETY

555 North Kensington Avenue, La Grange Park, Illinois 60525 USA

Telephone: (708) 352-6611

• Telecopier: (708) 352-0499

• Telex: 4972673

## PRESIDENT

M. Jack Ohanian  
University of Florida  
College of Engineering  
310 Weil Hall  
Gainesville, FL 32611-2083 USA  
Telephone: (904) 392-0946  
Telecopier: (904) 392-9673

January 18, 1991

## VICE PRESIDENT / PRESIDENT ELECT

Robert L. Long  
GPU Nuclear Corporation  
1 Upper Pond Road  
Parsippany, NJ 07054 USA  
Telephone: (201) 316-7484  
Telecopier: (201) 316-7802  
Telex: 136482

Dr. D. Allan Bromley, Director  
Office of Science and Technology Policy  
Old Executive Office Building  
17th Street and Pennsylvania Avenue, NW  
Washington, DC 20506

Dear Dr. Bromley:

## TREASURER

Donald W. Edwards  
Yankee Atomic Electric Company  
580 Main Street  
Bolton, MA 01740 USA  
Telephone: (508) 779-6711 Ext. 2204  
Telecopier: (508) 779-6711 Ext. 2701  
Telex: 7103807619

On behalf of the American Nuclear Society, it is a pleasure to invite you to speak at the Forum Session to be held on Wednesday, June 5, 1991 at 4:15 p.m. during the Society's Annual Meeting in Orlando, Florida (June 3-6, 1991). This session will follow the two special sessions on the topic of "Defense Science and Technology Interests" which are scheduled for earlier the same day. The intent of the Forum is to focus on future, as well as international issues, of science and technology and also to be the concluding session to the two related sessions held earlier on that day.

## PAST PRESIDENT

Walter B. Loewenstein  
Technology Consultant  
3412 Hillview Avenue  
Palo Alto, CA 94303 USA  
Telephone: (415) 855-2095  
Telecopier: (415) 855-1026  
Telex: 82977 EPRI UF

The Forum, a highlight of our conference, is structured to provide a questions/comment period with the audience. I understand from Jim Behrens that the topic of your presentation is: "International Cooperation in Science, Technology and Defense". While it is not a requirement we would welcome, if you can provide it, your written presentation prior to the meeting so that we can make it available to the Forum attendees.

## EXECUTIVE DIRECTOR

Joseph C. Braun  
American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60525 USA  
Telephone: (708) 352-6611  
Telecopier: (708) 352-0499  
Telex: 4972673

I look forward to your favorable response and to welcoming you in June. You will receive further information about the program, etc. by the end of March. In the meantime, if you require additional information or assistance, please do not hesitate to contact Jim Behrens or me.

## EXECUTIVE DIRECTOR EMERITUS

Octave J. Du Temple  
American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60525 USA  
Telephone: (708) 352-6611  
Telecopier: (708) 352-0499  
Telex: 4972673

Sincerely,

M. Jack Ohanian

RECEIVED  
OFFICE OF THE  
DIRECTOR

71 : 11A 92 NOV 16  
MJO:dd

cc: J. Behrens  
E. Teller



"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120256

ORIGINATOR: 02

STATUS C

DIRECTORATE STATUS

\*\*\*\*\*

FROM: NICHOLSON, RICHARD S.

TO: DR. BROMLEY

DATE OF  
CORRESPONDENCE: 01/14/91

SUBJECT: KEYNOTE ADDRESS AT THE AAAS ANNUAL MEETING IS  
OFFICIALLY ON THE PRESEIDENT'S SCHEDULE

\*\*\*\*\*

DIRECTORATE  
ASSIGNED:

STAFF  
ASSIGNED:

ACTION  
REQUIRED:

STAFF  
ACTION:

\*\*\*\*\*

SENDER'S DUE DATE:

OSTP DUE DATE:  
DATE COMPLETED:

STAFF DUE DATE  
DATE COMPLETED/DEPT:

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Steve Olson

\*\*\*\*\*

WHITE HOUSE TRACKING #:

CONTACT PERSON:  
PHONE:

EXT:

REMARKS:

OSTP RECEIVED: 01/19/91  
DEPT RECEIVED:

*P-Invitation*  
FILE: SPEECH-~~INFO~~

9/20256

American  
Association  
for the Advancement of  
Science

1333 H Street, NW, Washington, DC 20005  
(202) 326-6640; FAX (202) 371-9526  
Cable Address: ADVANCESCI

Richard S. Nicholson  
*Executive Officer*

January 14, 1991

Dr. D. Allan Bromley  
Assistant to the President for Science & Technology  
Executive Office of the President  
Room 360  
Old Executive Office Building  
Washington, DC 20506

Dear Allan:

The President's scheduling office called recently to inform us that the keynote speech at the AAAS annual meeting was "now officially listed on the President's schedule." While I well understand that events can change this, I just wanted to say "thanks" to you for following through for us. We are truly grateful!

With best regards,

Sincerely,



Richard S. Nicholson

DIRECTOR  
OFFICE OF THE

91 JAN 22 P 1:00

RECEIVED

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120123

\*\*\*\*\*

SPEECH: YES NO

FROM: WEERTMAN, JULIA R.

DATE OF EVENT: 06/21/91

LOCATION OF EVENT: NORTHWESTERN UNIVERSITY

TIME OF EVENT:

SUBJECT: INVITATION TO DELIVER THE HILLIARD MEMORIAL LECTURE

\*\*\*\*\*

RSVP:

CONTACT PERSON: JULIE R. WEERTMAN

CONTACT NUMBER:

\*\*\*\*\*

INVITATION ACCEPTED? YES NO

\*\*\*\*\*

COPIES TO:

REMARKS:

DATE OF LETTER: 01/18/91

DATE RECEIVED: 01/18/91

FILE: P INVITATION - *Speech*



9120123

THE WHITE HOUSE

WASHINGTON

March 15, 1991

Dear Professor Weertman:

Thank you for your letter of February 28, 1991, inviting me to deliver the Hilliard lecture scheduled for Friday afternoon, June 21, 1991 and to join you for breakfast before commencement on Saturday, June 22.

I am happy to accept your invitation but must caution you that occasionally I have to cancel engagements at the last moment due to Presidential requests. I sincerely hope that this does not happen.

As the time of my address and the commencement approaches, my office will contact you to work out details for my visit.

I am looking forward to meeting with you.

Sincerely yours,



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

Professor Julia R. Weertman  
Department of Materials Science and Engineering  
Northwestern University  
2145 Sheridan Road  
Evanston, Illinois 60208-3108

23  
N O R T H W E S T E R N

U N I V E R S I T Y



ROBERT R. McCORMICK SCHOOL OF  
ENGINEERING AND APPLIED SCIENCE

Department of Materials Science and Engineering

January 18, 1991

Dr. D. Allan Bromley  
Assistant to the President for  
Science & Technology and  
Director OSTP  
Old Executive Building  
Room 360  
17th and Pennsylvania, NW  
Washington, DC 20506

Dear Dr. Bromley,

On behalf of all of us in the Materials Science and Engineering Department I would like to express our great pleasure that you have been invited to receive an honorary degree by Northwestern, and to offer our congratulations for this thoroughly well deserved recognition.

As the sponsoring department, we wish to invite you:

(1) To breakfast with our faculty on the morning of Commencement, Saturday, 22 June. This will be an informal event designed to let us become acquainted.

(2) To deliver the Hilliard Memorial Lecture, to be given late Friday afternoon, 21 June. This distinguished lecture series was initiated last year in honor of the late John Hilliard, a member of our Department who was well known especially for his work in spinodal decomposition. (Our first lecturer was John Cahn, Senior Fellow at NIST and a close collaborator with Professor Hilliard.) We would be delighted to have you speak on any subject you choose, whether scientific or more in the area of your present position. We will of course cover your travel expenses for your visit to Northwestern 21/22 June.

OFFICE OF THE  
DIRECTOR

91 JAN 22 P12:43

RECEIVED

January 18, 1991  
Dr. D. Allan Bromley  
Page 2

We very much hope that you will accept these invitations. For your information I am enclosing a small publication that tells something about our Department. I look forward to hearing from you.

Sincerely yours,



Julia R. Weertman  
Walter P. Murphy Professor  
and Chairman

cc: President A. Weber  
Provost J. Margolis  
Vice President D. Cohen  
Dean J. B. Cohen

encl.  
/lk



"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120087

\*\*\*\*\*  
SPEECH: YES NO

FROM: GHUBLIKIAN, JOHN R

DATE OF EVENT: 4  
05/05/91

Richard Burt 617-442-9010  
x213

LOCATION OF EVENT: BOSTON, MA

TIME OF EVENT:

*Hurry degree as part of installation. If available in afternoon, could get degree then. Could go in heli from airport to Wentworth. Would need to get heli. Would need to be there by 2:30. Would be after luncheon; at symp. would have 250 to 400. Held in auditorium.*

SUBJECT: INAGURATION OF DR. JOHN F. VAN DOMELEN AT WENTWORTH INSTITUTE OF TECHNOLOGY

\*\*\*\*\*

RSVP:

CONTACT PERSON: RICHARD F. BURTT

CONTACT NUMBER:

\*\*\*\*\*

INVITATION ACCEPTED?

YES

NO

\*\*\*\*\*

COPIES TO: D. Allan Bromley

REMARKS:

*Speech given by DAB on 04/05/91.  
- Steve Dorn*

*P. Invitation Speech*

DATE OF LETTER: 01/10/91

DATE RECEIVED: 01/17/91

Wentworth  
Institute of Technology  
January 10, 1991

9120097

Dr. D. Allan Bromley  
Science and Technology Policy Advisor  
to the President  
Executive Office of the President  
The White House  
Washington, D.C. 20506

Dear Dr. Bromley:

On Friday, April 5 Wentworth Institute of Technology will inaugurate Dr. John F. Van Domelen as its third president in special ceremonies at the Institute.

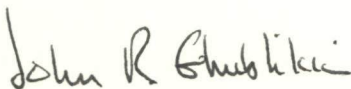
On behalf of the Wentworth community we extend an invitation to you to participate in the inaugural program by delivering a major policy address on the future of and the role of U.S. technology in world matters. This policy address will keynote an academic symposium on the subject of technology, with particular emphasis on applied technology.

Offering the Associate and Baccalaureate degree, Wentworth Institute of Technology is the largest college of engineering technology in the country, both in terms of numbers of graduates and students enrolled. Wentworth graduates are highly prized by industry as skilled practitioners and problem solvers.

We hope that your schedule will permit you to be an integral part of this important event. As there will be doubtless questions about the program and the Institute, a member of the Inauguration Committee will telephone within a few days to provide assistance.

Thank you very much.

John R. Ghublikian



Chairman  
Board of Trustees

Richard F. Burt, Jr.



Chairman  
Inauguration Committee





"CORRESPONDENCE TRACKING"

TYPE: INVITATION

DOCUMENT NUMBER: 9120088

\*\*\*\*\*

FROM: WILSON, RICHARD

TO: DR. BROMLEY

DATE OF  
CORRESPONDENCE: 01/09/91

SUBJECT: CONVERSE WITH MONTHLY SEMINAR ON GLOBAL  
ENVIRONMENTAL CHANGE

\*\*\*\*\*

ASSIGNED TO:

ACTION REQUIRED:

No

\*\*\*\*\*

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

3/1

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Nancy Maynard

\*\*\*\*\*

WHITE HOUSE TRACKING #:

CONTACT PERSON: RICHARD WILSON

REMARKS:

DATE RECEIVED: 01/17/91

FILE: P-INVITATION - Speech



THE WHITE HOUSE  
WASHINGTON

March 1, 1991

Dear Dick:

Thank you for your letter of January 9, 1991, inviting me to join your group at one of your monthly seminars on Global Environmental Change. I apologize for the much belated response.

As you can appreciate, the number of invitations I receive that entail traveling out of town is overwhelming, and I am finding that I cannot be away from Washington as much as I might like. As much as I would like to join you and your colleagues, the next several months are already heavily committed, so I must regretfully decline.

I appreciate your thinking of me and would like to offer my best wishes for your seminar series.

Sincerely yours,



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

Professor Richard Wilson  
Department of Physics  
Harvard University  
Cambridge, Massachusetts 02138

HARVARD UNIVERSITY

DEPARTMENT OF PHYSICS  
TELEX No. 9102502591 (HARV BSN)

LYMAN LABORATORY OF PHYSICS  
CAMBRIDGE, MASSACHUSETTS 02138

9th January 1991

Dr. Allan Bromley  
Office of Science and Technology Policy  
The White House  
1600 Pennsylvania Avenue  
Washington, D.C.

Dear Allan:

Further to our conversation, we would very much appreciate it if you could talk to our monthly seminar on Global Environmental Change. We are particularly interested in the interface between the science and the policy decisions.

We meet on the first Thursday of each month at 4:30 p.m., and at 6:00 p.m. proceed to the Faculty Club for refreshments and a dinner, and tougher, but more informal questions at and after dinner.

We have had so far:

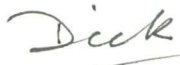
Steven Schwartz, BNL: "Cloud radiative forcing of climate: the Whitehouse effect";  
Wofsy, Bazzaz, Melillo, Foster, Aber, on studies of global change at Harvard  
Forest;  
Richard Lindzen, MIT: "Is the earth warming? Is the earth being warmed?"

We expect:

Mark Kerrigan of DoE: as yet undetermined;  
Robert Cence of Stony Brook: "Radiative feedback mechanisms in climate models";  
and yourself.

Over the phone you indicated that the next two months would be impossible. Can I suggest, therefore, Thursday 4th of April or Thursday 2nd of May? We hope that one of these would be possible. I attach a copy of the progress report for our center.

Yours sincerely,



Richard Wilson  
Mallinckrodt Professor of Physics

9120088

National Institute for Global Environmental Change, Northeast Center  
Progress Report, 1 July - 31 December 1990

This report highlights progress on projects undertaken by the Northeast Regional Center of NIGEC during the first six months of operation. Notwithstanding the fact that participants in the Northeast Regional Center received no actual NIGEC funds prior to 31 December 1990, significant progress has been achieved on several projects by using funds advanced by participating institutions in anticipation of the receipt of NIGEC support.

#### Harvard Forest and related projects

Direct measurements of carbon dioxide and nitrogen oxide fluxes in Central New England

Steven C. Wofsy, (Harvard University), (Principal Investigator)  
Peter S. Bakwin, J. Wm. Munger and B.C. Daube, Song-Miao Fan (Co-investigators)

This program was initiated during 1990 using support from the NIGEC Northeast Regional Center (70%) and the National Science Foundation (30%). A 30-tower was erected at Harvard Forest in Petersham, MA, extending six meters above the canopy. Direct measurements have been made of the fluxes and vertical concentration profiles of  $\text{CO}_2$ ,  $\text{O}_3$ , and total nitrogen oxides ( $\text{NO}_y$ ) throughout 1990. Flux measurements were made using the eddy-correlation method. They are the first year-round direct flux measurements of carbon and nitrogen in any system and the first direct measurements of the total nitrogen flux ever made. Inputs of fixed nitrogen in precipitation were also determined. The program was designed to address two key questions about the  $\text{CO}_2$  cycle of the earth:

Q1) Tans, et al. [1990] have proposed that mid-latitude forests may take up substantial amounts of carbon on an annual basis, providing all or part of the "missing sink" for global  $\text{CO}_2$ . Is this hypothesis consistent with the carbon cycle in typical forests?

Q2) A number of authors have suggested that fixed N and/or elevated  $\text{CO}_2$  stimulate the terrestrial biosphere to fix carbon more copiously than under "pristine" conditions. This hypothesis can be tested by studying the influence, on a rural forest with insignificant nearby sources of pollution, of massive industrial sources in northeast and middle Atlantic urban complexes 200-400 km away.

Since measurements, even of the total inputs such systems, were unavailable, the development of techniques to directly measure inputs nitrogen oxides has been given first priority.

The results of the first year of study provided dramatic preliminary confirmation of these ideas:

A1) Over the one year period, the forest fixed 2 tons of carbon per hectare net. This represents very vigorous uptake by vegetation at the site (a 50 year old oak/beech forest) given the poor soils and relatively short growing season. This measurement agrees closely with results obtained over a five-year period by classical forestry measurements of trees. The data, which give carbon uptake week-by-week, reveal that the system is remarkably insensitive



to factors such as water stress whose importance had been suggested by leaf-level studies. Uptake is mainly correlated with incident light, with growth stage of leaves, and (in terms of total soil respiration) with temperature. In 1990, each hectare removed from the atmosphere as much carbon dioxide as an average compact automobile emits annually.

A2) The forest received 4-8 kg fixed nitrogen per hectare from gas-phase deposition, and 1.5 kg per hectare in precipitation. These inputs represent significant additions to the total nitrogen turnover of the system (40-80 kg N per year per hectare). Thus, nutrient additions may be quite important in stimulating carbon uptake by this system. Studies have begun, in collaboration with John Aber (University of New Hampshire), to determine the fate of this nitrogen in the forest system. By comparing measurements of throughfall made by Aber and colleagues with dry and wet deposition fluxes, it should be possible to determine how much of the nitrogen is used directly by the plants, and how much is washed off the trees and enters the system through the soil nitrogen pool.

Decomposition of litter from trees growing under high CO<sub>2</sub>.

J. Melillo (Marine Biological Laboratory),  
F. Bazzaz (Harvard University), and  
J. Aber (University of New Hampshire), (Principal investigators)

Elevated concentrations of CO<sub>2</sub> are already present in the atmosphere. In contrast with uncertain global warming scenarios, no one doubts that the increase in atmospheric CO<sub>2</sub> will eventually have important effects on the global biosphere. For some time it has been known, from glasshouse experiments, that elevated CO<sub>2</sub> can stimulate plants to grow faster.

Recently we have pointed out that changes in the quality of plant litter may also be important. The litter of plants grown at double levels of CO<sub>2</sub> as more carbon and less nitrogen. Present ideas about factors controlling decomposition rates in forests suggest that litter from high-CO<sub>2</sub> plants may decay more slowly than litter from plants grown at normal CO<sub>2</sub>. This would provide a potentially important negative feedback on the global CO<sub>2</sub> cycle.

Several thousand seedlings, representing the seven main tree species in New England hardwood forests, were grown under low and high CO<sub>2</sub>, low and high light, and low and high nutrients. After senescence in the fall, the litter material was harvested and studies of decomposition begun, both in the laboratory and at the Harvard Forest. In a parallel study, carbon and nitrogen translocation was examined in detail for a duplicate set of seedlings. This work has shown dramatic differences between plants grown at high and low CO<sub>2</sub>, providing the information necessary to understand quantitatively the factors regulating changes in litter quality in these plants.



## Surface energy budget in the forest

D. R. Fitzjarrald, State University of New York at Albany, (Principal investigator)

Kathleen Moore (Co-investigator)

Forests affect the surface energy budget by altering the fluxes of sensible and latent heat through: (1) changes in albedo, surface roughness, and other physical factors; and (2) biological processes such as evapo-transpiration. In studies of the influence of deforestation and reforestation on climate, attention has focussed primarily on processes such as evapo-transpiration and sedimentation. We have focussed on a neglected aspect of this influence of vegetation on climate, the influence of large-stature vegetation (trees) on the surface energy budget at mid-latitudes. These studies were begun in the winter of 1990. Fluxes of momentum, heat, and  $H_2O$  in the forest were measured simultaneously at 30m and 10m, above and below the canopy. Bare trees and branches were found to have a dramatic effect on heat fluxes. During the day, the upward sensible heat flux at 10m was less than half the heat flux at 30m, showing a substantial effect of large-stature vegetation even during the leafless period. At night, the cooling above the canopy was four times greater than at 10m.

These effects can feed back on climate in important, sometimes subtle, ways. For example, snow lies on the ground, and snowcover persists longer, in the woods than in open fields. Snow-albedo feedback is therefore more persistent in areas with large stature vegetation, although the influence on albedo may be somewhat smaller.

These studies are at an early stage, and analysis of the data is just beginning. The present results promise interesting data for climate studies.

## Studies of past climates

M.B. McElroy, (Harvard University), (Principal investigator)

The  $^{13}C/^{12}C$  isotopic ratio in atmospheric  $CO_2$  offers an important diagnostic for understanding key processes controlling atmospheric  $CO_2$  concentrations. In particular, exchange with the ocean provides a signature for isotopic composition (no fractionation) very different from exchanges with the land biosphere (biological material is strongly depleted). Reconstruction of trends in the  $^{13}C/^{12}C$  ratio provide the strongest evidence for important changes in the biosphere during the last 200 years. The record is rather noisy, however, due to the variability of the proxies presently in use (tree rings, polar ice cores).

We have developed a new proxy for atmospheric  $^{13}C/^{12}C$  ratios with much lower intrinsic variability, offering the possibility of much improved understanding of important changes in the biosphere, past, present and future. Unlike the more common C3 plants, C4 plants fix atmospheric  $CO_2$  with very little fractionation. Using corn kernels from Ames, Iowa, a high-resolution 50-year time series of the isotopic ratio in atmospheric  $CO_2$  was reconstructed which provides important, rigorous new constraints on models for global carbon. This work is scheduled to appear in *Nature* (McElroy and Marino, in press) in January. We believe this to be the first NIGEC-supported publication.

## Development of a framework for risk analysis of global change.

Richard Wilson, (Harvard University), (Principal investigator)  
Aleksandr Shlyakhter (Co-investigator), Eric Fajer

Procedures developed for risk analysis of toxic chemicals are not easily applicable to other hazards. We have surveyed the previously recommended risk analysis procedures in order to put together those elements that could be applied to global warming.

A simplified diagram of the progression in cause and effect has been developed; it allows us to draw independent points into a joint picture. One use this diagram is to organize a list of important publications in order of the issues they address.

We are now working on laying out a more complicated and (hopefully) realistic chart. A paper has been submitted to Scientific American by E. Fajer and F. Bazzaz on the effects of global warming on plant life. This NIGEC publication summarizes one of the "boxes" in this chart.

### Seminars

In order to coordinate the various work into a center, we began in October a monthly seminar series. The seminars so far have been

Steven Schwartz, BNL: "Cloud radiative forcing of climate: the Whitehouse effect";

Steven Wofsy, Fakhri Bazzaz, Jerry Melillo, David Foster and John Aber: panel discussion on studies of global change at Harvard Forest;

Richard Lindzen, MIT: "Is the earth warming? Is the earth being warmed?"

We expect Mark Kerrigan of the Department of Energy, Robert Cence of SUNY-Stony Brook, and Allan Bromley of the OSTP.

The seminar is followed by an informal reception and dinner so that discussion on topics may be continued informally into the night. This has been well attended and will continue throughout the academic year.

### Educational projects

Funding arrived too late for more than one undergraduate fellowship in summer 1990, but we have advertised the existence of undergraduate fellowships for summer 1991. There are a number of investigators willing to take and advise undergraduates.

### Budget

Detailed budgetary invoices are being sent to NIGEC directly from the Office of Sponsored Research. The amount spent in the first six months is small due to the lateness of the contract.



"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120080

\*\*\*\*\*  
SPEECH: YES NO

FROM: REYNOLDS, JOSEPH M.

DATE OF EVENT: 03/13/14

LOCATION OF EVENT: BATON ROUGE LOUISIANA

TIME OF EVENT: 03:00AM

SUBJECT: LECTURES ON CURRENT RESEARCH FOR FACULTY AND  
STUDENTS IN THE PHYSICS DEPART. AND FOR GENERAL  
AUDIENCES FROM CAMPUS AND CITY

\*\*\*\*\*

RSVP:

CONTACT PERSON: JOSEPH M. REYNOLDS

CONTACT NUMBER:

\*\*\*\*\*

INVITATION ACCEPTED?

~~YES~~

NO

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Ken Yale

REMARKS:

DATE OF LETTER: 01/11/91

DATE RECEIVED: 01/14/91

FILE: f- INVITATION

- Speed

THE WHITE HOUSE  
WASHINGTON

February 8, 1991

  
Dear Professor Reynolds:

Thank you for your letter of January 11 inviting me to participate in your annual lecture series.

However, the dates you mention are all already filled with other activities, which is one of the great occupational hazards of this job. More generally, I am finding that I cannot be away from Washington as often as I might like. As much as I would like to join you, I must regretfully decline.

I appreciate your thinking of me and would like to wish you a successful event.

Sincerely yours,



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

Professor Joseph M. Reynolds  
Louisiana State University  
Department of Physics and Astronomy  
Baton Rouge, Louisiana 70803-4001



LOUISIANA STATE UNIVERSITY

AND AGRICULTURAL AND MECHANICAL COLLEGE  
BATON ROUGE LOUISIANA 70803-4001

Boyd Professor  
Department of Physics & Astronomy  
277 Nicholson Hall

RECEIVED  
JAN 14 ALL: 28  
OFFICE OF THE  
DIRECTOR  
Joseph M. Reynolds  
9/20/80

January 11, 1991

Dr. D. Alan Bromley, Director  
Office of Science and Technology Policy  
and Assistant to the President  
Old Executive Office Building  
Washington, D. C. 20506

Dear Alan:

A few years ago, following his retirement as Dean of the LSU Graduate School and Professor in the Department of Physics and Astronomy, Max Goodrich gave a sum of money to LSU to establish a continuing series of annual lectures on current research for faculty and students in the Physics Department, and for general audiences from our campus and city. These lectures are now a regular part of this department and an annual contribution to the culture of the community. Recent speakers have been Edward Purcell, Willie Fowler, Maarten Schmidt and Art Schawlow. The faculty committee which chooses the Goodrich lecturer has asked me to invite and urge you to be the Max Goodrich Lecturer for 1991.

These lectures are usually held during the spring semester. The dates we suggest are any one of the following pairs:

March 13-14; April 3-4; April 10-11; and April 17-18.

The committee has blocked out meeting and reception rooms for these dates. We would like to schedule a public lecture at 3:00 PM on a Wednesday to be followed by a reception in the Faculty Club. The colloquium for the physics students and faculty would be our weekly Physics Colloquium, the next day, Thursday at 3:30 PM.

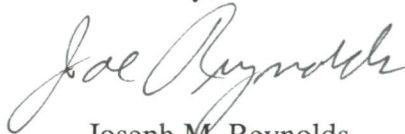
You are free to choose your own topics for both the public lecture and the physics colloquium. This letter has prompted me to reread your speech on the State of Physics 1987 in the report of the Nineteenth General Assembly of IUPAP which I attended. It is clear that you have a wide range of subject matter to choose from, both in physics and public policy issues. It might also be appropriate for us to invite to attend your public lecture and reception; former Representative Lindy Boggs and Senator J. Bennett Johnston given their current and former committee assignments and their impact on science issues in Congress. Of course, we would not do this without first clearing it with you.

- 2 -

I sincerely hope that you will be able to give the Goodrich Lectures this Spring. The Department is most anxious to have you here. I would appreciate your replying as soon as possible so we can finalize our arrangements.

With kindest regards,

Sincerely,

A handwritten signature in cursive script, appearing to read "Joe Reynolds".

Joseph M. Reynolds  
Boyd Professor

cc: Richard Haymaker



"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120072

\*\*\*\*\*

SPEECH: YES NO

FROM: REED, JOSEPH VERNER

DATE OF EVENT: 01/16/91

LOCATION OF EVENT: BLAIR HOUSE

TIME OF EVENT: 10:30AM

SUBJECT: BRIEF THE DIPLOMATIC CORPS

\*\*\*\*\*

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

\*\*\*\*\*

INVITATION ACCEPTED?

YES

~~NO~~

\*\*\*\*\*

COPIES TO: Damar Hawkins  
Ken Yale

REMARKS:

DATE OF LETTER:

01/03/91

DATE RECEIVED:

01/10/91

*P-Invitation-Speech*

United States Department of State  
The Chief of Protocol  
Washington, D.C. 20520-2317

January 3, 1991

Dear Dr. Bromley,

Thank you for agreeing to brief the Diplomatic Corps on Wednesday, January 16th at Blair House at 10:30 a.m. The scenario is to foregather for coffee for fifteen minutes to be followed by a presentation by you with some Q & A's with a conclusion promptly at 11:30 a.m.

I look forward to seeing you and send thanks in advance.

With special good wishes,

Joseph Verner Reed

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



"INVITATION FOR DR. BROMLEY"

TYPE: SPEECH

DOCUMENT NUMBER: 9120085

\*\*\*\*\*

SPEECH: YES NO

FROM: BLANDIN, NANETTE M.

DATE OF EVENT: 03/03/91

LOCATION OF EVENT: WILLIAMSBURG, VA

TIME OF EVENT:

SUBJECT: SPEAK AT GOVERNMENT EXECUTIVES CONFERENCE

\*\*\*\*\*

RSVP:

CONTACT PERSON: NANETTE M. BLANDIN

CONTACT NUMBER: 202 797-6279

\*\*\*\*\*

INVITATION ACCEPTED?

~~YES~~

NO

\*\*\*\*\*

COPIES TO: D. Allan Bromley

REMARKS:

DATE OF LETTER: 01/04/91

DATE RECEIVED: 01/09/91

FILE: P- INVITATION - SPEECH



THE WHITE HOUSE  
WASHINGTON

January 28, 1991

Dear Ms. Blandin:

Thank you for your letter of January 4 inviting me to speak at your Conference for Government Executives scheduled for March 3-8, 1991, in Williamsburg, Virginia.

As much as I would have liked to join you and your colleagues, I have a previous commitment that requires my presence in Washington, so I must regretfully decline your invitation.

I appreciate your thinking of me and would like to wish you a successful event.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley", written in a cursive style.

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

Ms. Nanette M. Blandin  
The Brookings Institution  
1775 Massachusetts Avenue, N.W.  
Washington, D.C. 20036-2188

The Brookings Institution



1775 MASSACHUSETTS AVENUE N.W. / WASHINGTON D.C. 20036-2188 / TELEPHONE: (202) 797-6000

*Center for Public Policy Education*

January 4, 1991

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

Dear Dr. Bromley:

I am writing to invite you to speak at our Conference for Government Executives entitled "Seminar on Issues in Science and Technology Policy," which will be held in Colonial Williamsburg, Virginia, March 3-8, 1991.

These seminars bring together 30-40 top government scientists to examine the role of science and technology in shaping public policy; to review current scientific developments in such fields as biotechnology, information technology and space; and to analyze current science and technology policy issues faced by the Administration and the Congress.

We would be delighted if you could meet with the group on Thursday evening, March 7, on the topic "Science and Technology Policy Priorities of the Bush Administration," in the North Room which is located in the Cascades Conference Center. The evening would begin with a reception at 6:30 p.m., followed by dinner, your presentation of 20-30 minutes, and open discussion until around 9:00 p.m. Brookings will, of course, cover your travel and hotel expenses. If this time is not convenient, other times during the week are possible.

If you are able to accept this invitation, I will be happy to provide additional details regarding the seminar. I look forward to hearing from you and hope very much that you will be able to speak at the seminar.

Cordially,

Nanette M. Blandin  
Senior Staff Member  
(202) 797-6279

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION - SPEECH

DOCUMENT NUMBER: 9120044

\*\*\*\*\*  
SPEECH: YES NO

FROM: J.A. ABRAHAMSON

DATE OF EVENT: 03/13/91

LOCATION OF EVENT: WASHINGTON HILTON HOTEL

TIME OF EVENT: 08:30AM

SUBJECT: GODDARD MEMORIAL SYMPOSIUM

\*\*\*\*\*

RSVP:

CONTACT PERSON: J. A. ABRAHAMSON

CONTACT NUMBER:

\*\*\*\*\*

INVITATION ACCEPTED? YES NO

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Dr. Wong  
Thomas Ratchford

REMARKS:

DATE OF LETTER: 12/21/90

DATE RECEIVED: 01/08/91

FILE: P- INVITATION - SPEECH



THE WHITE HOUSE  
WASHINGTON

January 24, 1991

Dear General Abrahamson:

Thank for your kind letter of December 21 inviting me to join you and your colleagues for the Goddard Memorial Symposium scheduled for March 15 at the Washington Hilton Hotel. I apologize for the much belated response.

I am happy to accept your invitation but must caution you that occasionally I have to cancel engagements at the last moment due to Presidential scheduling that requires my presence. I sincerely hope that this does not happen.

As the time of the symposium approaches, please apprise us of the details for the event. The date is on my calendar and I hope that I will be available to be with you during this special time.

I am pleased that you thought of me and look forward to the occasion.

Sincerely yours,



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

General James A. Abrahamson (Retired)  
Executive Vice President  
Corporate Development  
Hughes  
7200 Hughes Terrace  
P.O. Box 45066  
Los Angeles, California 90045-0066

**HUGHES**

Subsidiary of GM Hughes Electronics

**JAMES A. ABRAHAMSON** Executive Vice President, Corporate Development

December 21, 1990

Dr. D. Allan Bromley  
Assistant to the President for Science and Technology  
The Executive Office of the President  
Washington, D.C. 20500

Dr. Bromley:

The Goddard Memorial Symposium will take place from March 13-15, 1991. The symposium is associated with the award of the Goddard Memorial Trophy and adds substance to that event. It will occur at the Washington Hilton Hotel.

The theme of this symposium is Humans and Machines in Space: The Vision, The Challenge, The Payoff. There will be three sessions. The first session chaired by James Beggs, former NASA Administrator, will aim at the vision, the second session chaired by J. R. Thompson, the NASA Deputy Administrator, talking about the technical challenge, and my session which will occur from 8:30AM to noon on Friday morning (March 15) will deal with the payoff.

I believe this session, the payoff, can help to raise our sights and add meaning and support to the President's space initiatives. I hope to provide speakers who will authoritatively the reasons for our expenditure and endeavor in space. The presentations will include a look at new science, educational gains, technology gains, economic potential, societal implications, and our readiness to move forward into the future. There is no one who can speak on the new dimensions of science and the relationship of space science to terrestrial sciences as you can.

I remember when you were first nominated for your present position and the reports reflected your interest in small science and experiments, as well as, some of the massive undertakings that are presently leading us forward. If you would be willing to come and use this platform to emphasize your overall view of space science and help us to appreciate the payback for all of us on Earth, it will be a great service to us.

I recognize you receive many requests of this kind ... probably too many to respond to, but the Annual Goddard Symposium is a special one and this is a critical, transitional time for the President's program and the Nation.

Thank you for your consideration, I sincerely hope you can accept

Sincerely,



J. A. Abrahamson

91 JAN 8 P12:58  
RECEIVED  
OFFICE OF THE  
DIRECTOR

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120041

\*\*\*\*\*  
SPEECH: YES NO

FROM: WALTER J. SCHOPPE

DATE OF EVENT: 11/05/91

LOCATION OF EVENT: ORLANDO, FA

TIME OF EVENT:

SUBJECT: TO PRESENT KEYNOTE ADDRESS IN THE PLENARY SESSION AT  
THE GOVERNMENT MICROCIRCUIT APPLICATIONS CONFERENCE  
(GOMAC-91)

\*\*\*\*\*

RSVP:

CONTACT PERSON: WALTER J. SCHOPPE

CONTACT NUMBER: 215 441-2378

\*\*\*\*\*

INVITATION ACCEPTED?

YES

NO

\*\*\*\*\*

COPIES TO: D. Allan Bromley  
Michelle Van Clea

REMARKS:

DATE OF LETTER: 01/03/91

DATE RECEIVED: 01/08/91

FILE: P- ~~BROMLEY~~ - INVITATION *Speech*



THE WHITE HOUSE  
WASHINGTON

January 28, 1991

Dear Mr. Schoppe:

Thank you for your letter of January 3, 1991, inviting me to present a keynote address at your GOMAC-91 Conference scheduled for November 5, 1991, in Orlando, Florida.

As you can appreciate, the number of invitations I receive that entail travelling out of town is overwhelming, and I am finding that I cannot be away from Washington as much as I might like. As much as I would like to join you and your colleagues, especially due to the subject matter, I must regretfully decline.

I appreciate your thinking of me and would like to wish you a successful event.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley", written in a cursive style.

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

Naval Air Development Center  
Code 40F  
ATTENTION: Walter J. Schoppe  
Warminster, Pennsylvania 18974-5000



# Government Microcircuit Applications Conference

**SPONSORS:** DEPT. OF DEFENSE—ARMY, NAVY, AIR FORCE / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
DEPT. OF COMMERCE—NAT'L. INSTITUTE OF STANDARDS AND TECHNOLOGY / NAT'L. SECURITY AGENCY  
DEPT. OF ENERGY—SANDIA NATIONAL LABORATORIES / DEFENSE LOGISTICS AGENCY  
DEFENSE NUCLEAR AGENCY / DEFENSE ADVANCED RESEARCH PROJECTS AGENCY  
DEPT. OF HEALTH AND HUMAN SERVICES / ADVISORY GROUP ON ELECTRON DEVICES

3 January 1991

The Honorable D. Alan Bromley  
Assistant to the President for Science  
and Technology  
Executive Office of the President  
17th & Pennsylvania Ave., N.W., Room 358  
Wash DC 20506

Dear Dr. Bromley:

The 1991 Government Microcircuit Applications Conference (GOMAC-91) program committee will be most pleased to have you accept our invitation to present a keynote address in the Plenary Session on 5 November 1991, at the Hyatt Orlando Hotel, Orlando, Florida.

GOMAC, now in its 23rd year, is the premier government-sponsored conference established to efficiently communicate and exchange current and emerging developments in microelectronics applications for government systems. It attracts significant participation of scientists, engineers and administrators from the government, industrial, and academic communities. We present the latest microcircuit developments/applications that give our nation and military forces the competitive/winning edge.

Last year the conference theme of "Technology Strategies for the 90's" was keynoted by Dr. Charles E. Sporck, President and Chief Executive Officer of National Semiconductor Corporation and Chairman of the Board of SEMATECH. The conference spotlighted the ability for the US to continue our technological edge in a rapidly changing environment and with declining defense budgets. Perspectives on the role of government in technology strategy, and technology and process support for defense electronics funded through venture capital were provided in the Plenary Session. There was also a tribute to Robert Noyce for his contributions to the industry.

91 JAN 8 12:58

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This year, GOMAC will focus on the impact of monolithic microwave and opto-electronic technologies on government systems. Monolithic circuitry and wafer-scale integration are recognized as a potential choice in meeting future needs for affordable, reliable and reproducible digital, microwave and millimeter-wave components and systems. In addition opto-electronic devices are pervasive in all levels of Government from the fiber-optic transmission lines being considered for the FDS-2000 telephone system to optical interconnects for electronic devices and optical processors. The conference will spotlight technology areas of monolithic microwave and opto-electronics.

The Plenary Session is of particular importance. In today's environment of global competition, your views on advanced technology policy to carry the nation into the 21st Century with declining defense budgets would be of great benefit to our corporate audience.

We realize that commitment to this address will require preparation (45 minutes is reserved for the presentation and subsequent questions from the audience) and time and resources to travel. Consequently we would be happy to assist in any way that you or your staff suggest.

As Technical Program Chairman, I am available to facilitate your efforts. I look forward to your agreeing to address our Plenary Session. Please address any correspondence to me at the following address:

Naval Air Development Center, Code 40F  
ATTN: Walter J. Schoppe  
Warminster, PA 18974-5000

My telephone number is (215) 441-2378.

Sincerely,



WALTER J. SCHOPPE  
Technical Program Chairman  
GOMAC-91